

2020

Seattle Pacific University Catalog 2020-2021

Seattle Pacific University

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2020–21 Undergraduate Catalog



This 2020–21 edition of the Seattle Pacific University Undergraduate Catalog includes academic policies, program descriptions, and descriptions and requirements for all SPU majors and minors for enrolled students.

This SPU Undergraduate Catalog is certified as true and correct in content and policy as of the date of release.

The University reserves the right, however, to make changes of any nature in programs, calendar, policies, or academic schedules whenever these are deemed necessary or desirable, including changes in course content, class rescheduling, and the canceling of scheduled classes or other academic activities.

Accreditation and Affiliation

The history of the growth of Seattle Pacific University is linked to the educational community of which it is a part. In successive steps from 1921 to 1937, the University was accredited by the Washington State Board of Education. Since 1936, the University has been accredited by the [Northwest Commission on Colleges and Universities](#) (NWCCU).

Seattle Pacific is included on the approved list of the Board of Regents of the State of New York and is a member of the [Association of American Colleges & Universities](#) and of the [American Association of Colleges for Teacher Education](#). The University is also a charter member of the [Christian College Consortium](#) and a collaborative partner of the [Council for Christian Colleges and Universities](#), and its credits are recognized by members of the various regional associations and by leading graduate schools throughout the country.

The University is approved by the U.S. government for education of veterans and their dependents under the applicable public laws and by the Washington Student Achievement Council's State Approving Agency (SAA) for enrollment of those eligible to receive educational benefits under Title 38 and Title 10, U.S. Code.

BUSINESS, GOVERNMENT, AND ECONOMICS

The business programs (undergraduate and graduate) in the [School of Business, Government, and Economics](#) are accredited by [The Association to Advance Collegiate Schools of Business \(AACSB\) International](#).

DIETETICS

The dietetics specialization in the [food and nutritional sciences](#) program is approved as a Didactic Program in Dietetics (DPD) by the [Accreditation Council for Education in Nutrition and Dietetics](#) (ACEND) of the [Academy of Nutrition and Dietetics](#).

Successful completion of a bachelor's degree in food and nutritional sciences, with the dietetics specialization, qualifies the student for a verification statement from the program director and eligibility to apply for ACEND-accredited dietetic internships, leading to eligibility to take the Registration Examination for Dietitians.

EDUCATION

[The School of Education](#) is accredited by the [Professional Educator Standards Board](#) (PESB). PESB is responsible for policy and oversight of Washington state's system of educator preparation, certification, continuing education, and assignment. The Program Effectiveness and Policy team of PESB regulates educator preparation programs within the School of Education, which is authorized to certify teachers, principals, program administrators, superintendents, and school counselors.

[The Center for Professional Education](#) is also approved to offer professional development for educators, additional teaching endorsements, and professional certificates. In addition, the School Counseling MEd program is accredited by the [Council for Accreditation of Counseling and Related Educational Programs](#) (CACREP).

ENGINEERING

The [Computer Engineering, Electrical Engineering, and General Engineering programs](#) are accredited by the Engineering Accreditation Commission of [ABET](#).

MUSIC

Seattle Pacific's Music program is a fully accredited member of the National Association of Schools of Music

Seattle Pacific's music program is a fully accredited member of the National Association of Schools of Music (NASM).

It also maintains membership with the National Association for Music Education (NAfME) and the Washington Music Educators Association (WMEA). The Music Therapy program is accredited by the American Music Therapy Association.

NURSING

Seattle Pacific's BSN, MSN, and DNP programs are approved by the Washington State Nursing Care Quality Assurance Commission.

The baccalaureate degree program in nursing, master's degree program in nursing, and Doctor of Nursing Practice program at Seattle Pacific University are accredited by the Commission on Collegiate Nursing Education, 655 K Street NW, Suite 750, Washington, DC 20001, 202-887-6791.

THEOLOGY

Seattle Pacific's School of Theology is a member institution of the Association of Free Methodist Educational Institutions and is approved by the Free Methodist Church and other denominations for the collegiate preparation of ministers.

Dual Credit, Running Start, and College in the High School Programs

If you completed college-level coursework under Washington state's Running Start Program or any College in the High School program:

- You will be awarded transfer credit based on SPU's established transfer policies, up to a maximum of 90 credits.
- You should follow the same admission procedures for students entering directly from high school, even if you completed an associate degree while in high school.

If your college courses are reflected on your high school transcript:

- College transcripts are not required for admission purposes.
- However, to receive advanced standing credit and to be placed in the correct first-quarter classes, you must request that all colleges and universities you have attended send official transcripts to Undergraduate Admissions before you register for your first quarter classes.

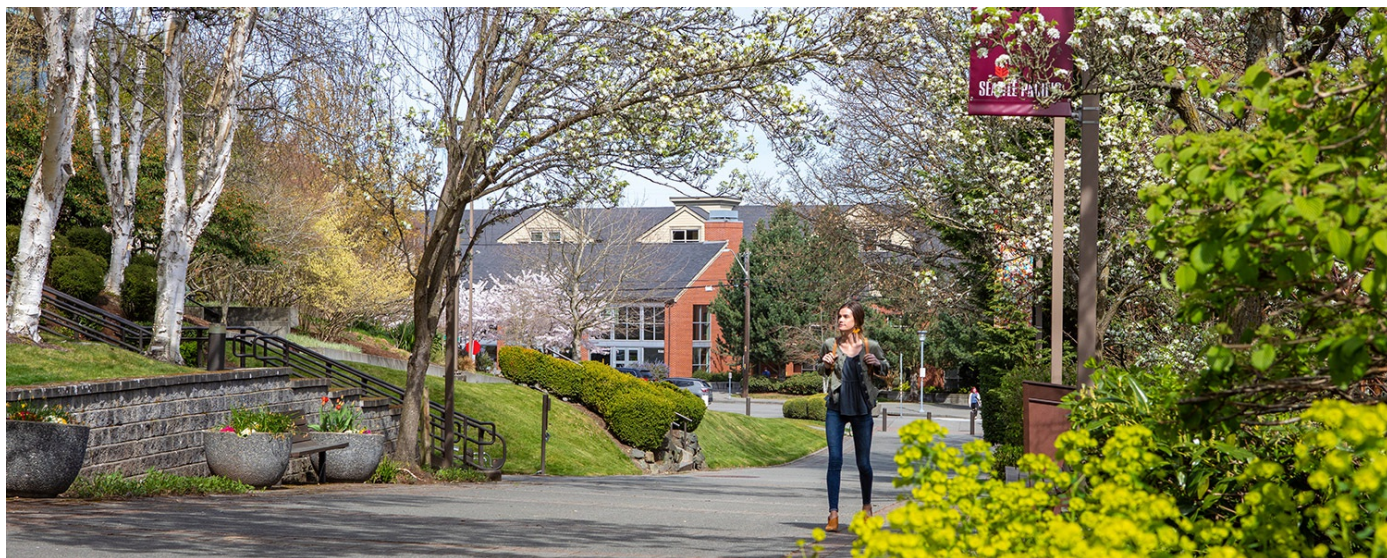
The transfer courses must be described in the catalog of a regionally accredited institution of higher education and must be submitted to SPU on an official college or university transcript. At the time of your application, if you have not completed any college-level credit after high school graduation, you should apply as a first-year applicant, and you will be considered for freshman scholarships.

If you plan to complete an associate degree before you finish high school, find out about [Acceptance of Two-Year Degrees](#) to see how the degree will transfer. If you will be within 20 credits of completing an associate degree from a Washington state community or technical college when you begin classes at SPU, read about SPU's [Reverse Transfer Agreement](#).

You are required to submit final transcripts from all regionally accredited colleges and universities you have attended by the 10th day of your first quarter at SPU. Learn more about how your transfer credits are applied toward your degree [here](#).

Note: All 2020 high school graduates admitted to SPU Autumn Quarter 2020 are required to take the 1-credit UCOL 1000 University Colloquium class.

About Seattle Pacific University



“Seattle Pacific University is a Christian university fully committed to engaging the culture and changing the world by graduating people of competence and character, becoming people of wisdom, and modeling grace-filled community.”

— Seattle Pacific University Mission Statement

Seattle Pacific University is a place where more than 3,500 undergraduate and graduate students gain a superb education grounded on the gospel of Jesus Christ — while gaining the tools to influence the world for good. Outstanding scholarship and thoughtful faith is a powerful combination that brings about change in the lives of graduates, and in the people and communities they go on to serve.

In 2019, for the fourth year in a row, Seattle Pacific has been named a “Best National University” in *U.S. News & World Report’s* annual best college rankings. *U.S. News* defines national universities as those institutions offering a full range of undergraduate majors plus master’s and doctoral programs, and committed to producing groundbreaking research.

Seattle Pacific was founded in 1891 by Free Methodist pioneers who valued a non-sectarian approach to education that welcomed all those seeking scholarly excellence rooted in the Christian gospel. They also sought to take the gospel into the world in order to bring about the flourishing of God’s children.

Today, SPU is a community of active, living Christian faith. Motivated by that faith, students confront real human needs here in Seattle and beyond to create a world that is more peaceful, prosperous, equitable, and just.

UNIVERSITY VISION

Engaging the culture, changing the world.

MISSION AND CORE THEMES

We have adopted three Core Themes to guide us as we engage the culture and help to bring about positive change in the world.

- Academic Excellence and Relevance

- Transformative and Holistic Student Experience
- Vital Christian Identity and Purpose

SEATTLE AND THE PACIFIC NORTHWEST

Seattle Pacific University offers the Seattle advantage, with exposure to the employers, industries, and institutions that are fundamentally changing the way we work, play, entertain, communicate, socialize, move, shop, and care for one another. From Amazon, Microsoft, Starbucks, and Boeing to the Bill & Melinda Gates Foundation and World Vision, the city is where today's SPU students learn to influence the future.

Located in a quiet north Queen Anne residential neighborhood, Seattle Pacific University's 43-acre campus borders the Lake Washington Ship Canal and boasts majestic trees, open lawns, beautiful gardens, and views of the Cascade mountains.

Just minutes from downtown Seattle, the University capitalizes on its setting by using the city itself as an urban classroom. Combining classroom education with practical experience is often the best way to master a discipline. Seattle's urban opportunities offer students that critical link. Many SPU students intern with businesses and organizations such as Microsoft, Boeing, Fred Hutchinson, the Mariners, KING TV, the Empty Space Theatre, the Seattle Opera, The Children's Project, and others.

The city is surrounded by water and mountains. Bridges, ferry boats, and snow-capped peaks are a part of everyday life. Because of those natural assets, the Pacific Northwest offers unparalleled recreational opportunities: hiking, skiing, boating, fishing, and scuba diving, to name a few.

At SPU's two island campuses, the beauty of the Pacific Northwest provides rest and research possibilities. At seaside [Camp Casey](#) on Whidbey Island, retreats and workshops are conducted in the rustic setting of a former military fort. On a 965-acre environmental preserve on [Blakely Island](#), students study life above and below the sea.

2020–21 University Academic Calendar

Current and complete information can be found in the online [University Calendar](#).

SUMMER SESSIONS 2020

First four-week Summer Session begins	Mon, June 15
First four-week Education Graduate Session begins	Mon, June 22
Summer tuition refund deadline	Varies
Independence Day (holiday); no classes	Fri, July 3
Second four-week Summer Session begins	Mon, July 13
Last day to register for independent study, internship, individual instruction, and dissertation	Mon, July 13
Second four-week Education Graduate Session begins	Mon, July 20
Final examinations or last class for all day and evening classes	Fri, Aug 14
Grades due	Fri, Aug 28

Note: Graduate programs start/end dates vary by program. See the [Time Schedule](#) for specifics about your program.

AUTUMN QUARTER 2020

Autumn registration begins for Admitted Undergraduate and Graduate/Doctoral Students currently in attendance	M
Autumn registration for New Admits begins	F
Autumn housing deposit refund deadline for New Students	M
Autumn registration for Non-Admitted Students begins	M A
Autumn Quarter September Session begins	M
Labor Day (holiday)	M
New <i>International</i> Student housing check-in	T
New <i>International</i> Student Orientation	T S
New Student campus housing check-in (move-in times to be determined)	T
New Student Orientation	T
Returning-Student campus housing check-in (11 a.m.–5 p.m.)	T
Returning Student campus housing check-in (1–5 p.m.)	T
Class instruction begins	M
Last day for New Autumn Admits to complete initial registration	M
Waitlist ends	F
Last day to register or add courses, to register without a late fee, or to apply for Audit	F
Autumn Quarter 100% tuition refund deadline	F
Last Day to apply for Independent Study, Internships, Individual Instruction, Pass/No Credit, and Dissertation	F
Autumn Quarter 75% tuition refund deadline	F
Autumn Quarter 50% tuition refund deadline	F
Autumn Quarter 25% tuition refund deadline	F
Last day to withdraw from courses	F

Winter registration for all Admitted Undergraduate and Graduate/Doctoral Students currently in attendance	M
Winter registration for New Admits begins	M
Veterans Day (holiday); no classes	V
Last day of instruction	W
Student Reading Day	T
Final examinations or last meeting for all evening classes	T
Final examinations or last meeting for all day classes	F
Residence halls close for Christmas Break (10 a.m.)	W
Christmas Break for Students	N
Thanksgiving (holiday); campus closed	T
Winter registration for Non-Admitted Students begins	M
Grades due	T
Campus offices closed	D

WINTER QUARTER 2021

Winter registration for all Admitted Undergraduate and Graduate/Doctoral Students currently in attendance	Mon-T
Winter registration for New Admits begins	Mon, I
Winter registration for Non-Admitted Students begins	Mon, I
Residence halls open (1 p.m.; New Student check-in 1–4 p.m.)	Mon, ,
Class instruction begins	Tue, J
Last Day for New Winter Admits to complete initial registration	Tue, J
Waitlist ends	Mon, ,
Last day to register or add courses, to register without late fee, or to apply for Audit	Mon, ,
Winter Quarter 100% tuition refund deadline	Mon, ,
Martin Luther King Jr. Day (holiday); Monday-only evening classes must meet	Mon, ,
Last day to apply for Independent Study, Internships, Individual Instruction, Dissertation, and Pass/No Credit	Tue, J
Winter Quarter 75% tuition refund deadline	Tue, J
Winter Quarter 50% tuition refund deadline	Tue, J
Winter Quarter 25% tuition refund deadline	Tue, F
All classes meet as scheduled on Presidents' Day (no holiday)	Mon, I
Last day to withdraw from courses	Fri, Fe
Spring registration for all Admitted Undergraduate and Graduate/Doctoral Students currently in attendance	Mon-T Feb 2:
Spring registration for New Admits begins	Mon, I
Last day of instruction	Fri, Ma
Student Reading/Faculty In-Service Day	Mon, I
Spring registration for Non-Admitted Students begins	Mon, I
Final examinations or last meeting for all evening classes	Mon-T
Final examinations or last meeting for all day classes	Tue-T
Residence halls close for Spring Break (10 a.m.)	Fri, Ma
Spring Vacation for Students	Mar 19
Grades due	Wed, I

SPRING QUARTER 2021

Spring registration for all Admitted Undergraduate and Graduate/Doctoral Students currently in attendance	Mon– Feb 2
Spring registration for New Admits begins	Mon,
Spring registration for Non-Admitted Students begins	Mon,
Residence halls open (1 p.m.; New Student check-in 1–4 p.m.)	Sun, M
Class instruction begins	Mon,
Last Day for New Spring Admits to complete initial registration	Mon,
Good Friday (holiday); no classes	Fri, Ap
Easter Monday (half-day holiday); class instruction begins at 12:30	Mon,
Waitlist ends	Mon,
Last day to register or add courses, to register without late fee, or to apply for Audit	Mon,
Spring Quarter 100% tuition refund deadline	Mon,
Last day to apply for Independent Study, Internships, Individual Instruction, Dissertation, and Pass/No Credit	Mon,
Spring Quarter 75% tuition refund deadline	Mon,
Spring Quarter 50% tuition refund deadline	Mon,
Spring Quarter 25% tuition refund deadline	Mon,
Summer registration begins	Mon,
Autumn registration for all Admitted Undergraduate and Graduate/Doctoral Students currently in attendance	Mon– May 1
Last day to withdraw from courses	Fri, M
Autumn registration for New Admits begins	Fri, M
Memorial Day (holiday)	Mon,
Last day of instruction	Fri, Ju
Student Reading/Faculty In-Service Day	Mon,
Final examinations or last meeting for all evening classes	Mon–
Final examination or last meeting for all day classes	Tue–T
Residence halls close for Summer Break (4:00 p.m.)	Fri, Ju
Ivy Cutting	TBD
Graduate Commencement	TBD
Undergraduate Commencement	Sun, J
Graduating seniors vacate housing (time TBD)	Mon,
Grades due	Mon,

Additional Faculty

LIBRARY FACULTY

Carrie Fry, Sciences Librarian; Instructor; BS, Seattle Pacific University, 1992; MLS, Indiana University-Bloomington, 1993. At SPU since 1998.

Liz Gruchala-Gilbert, College of Arts and Sciences Librarian; Associate Professor; BA, State University of New York-Buffalo, 1989; MAT, Vanderbilt University, 1990; MLS, University of Washington, 1997. At SPU since 2001.

Janet Hauck, Business and Social Sciences Librarian; Instructor; BA, Seattle Pacific University, 1977; MLIS, University of Washington, 1986. At SPU since 2019.

Kristen Hoffman, Psychology and Scholarly Communications Librarian; Instructor; BA, Seattle Pacific University, 2004; MLIS, San Jose State University, 2009. At SPU since 2013.

Adrienne Meier, History Librarian and University Archivist; Instructor; BA, Seattle Pacific University, 2004; MLIS, University of Washington, 2009. At SPU since 2005.

Becky Paulson, Acquisitions Librarian; Assistant Professor; BRE, Prairie Bible College, 1992; BA, Northwest University, 1999; MLIS, University of Washington, 2001; MBA, Seattle Pacific University, 2010. At SPU since 2001.

Michael Paulus, Dean of the Library; Assistant Provost for Educational Technology; Associate Professor; BA, University of Washington, 1993; MDiv, Princeton Theological Seminary, 2002; MLIS, Rutgers University, 2004. At SPU since 2011.

Stephen Perisho, Theology and Philosophy Librarian; Associate Professor; BA, George Fox College, 1984; MDiv, Princeton Theological Seminary, 1990; ThM, Princeton Theological Seminary, 1998; MLIS, Rutgers University, 2002. At SPU since 2002.

R. John Robertson, Digital Education Librarian; Assistant Professor; BD, University of Edinburgh, 1997; MSc, University of Strathclyde, 2005; MCS, Regent College, 2006. At SPU since 2017.

Cindy Strong, Education Librarian; Instructor; BA, American University, 1997; MLS, University of Maryland, 2004. At SPU since 2009.

Natalee Vick, Head of Technical Services; Instructor; BA, University of Montana, 1988; MLS, University of Washington, 1993. At SPU since 1999.

EMERITI FACULTY

Martin Abbott, Sociology. BS, Portland State University, 1974; MA, Pepperdine University, 1976; PhD, Portland State University, 1984. At SPU 1985-2017. Emeritus since 2017.

David Anderson, Music. BA, Whitworth College; MMus, University of Oregon. At SPU 1992-2018. Emeritus since 2018.

JoAnn Atwell-Scrivner, Health and Human Performance. BA, Willamette University, 1976; MS, Whitworth University, 1991; MA, Seattle Pacific University, 2007; PhD, Gonzaga University, 2010. At SPU 1991-2019. Emerita since 2019.

Kathryn Bartholomew. Languages. BA. University of Washington. 1969; MA. University of Washington. 1970; PhD.

University of Washington, 1978. At SPU 1989–2018. Emerita since 2018.

Ed Bauman, Electrical Engineering. BSEE, University of Minnesota, 1955; MS, Aeronautics and Astronautics, Massachusetts Institute of Technology, 1960; PhD, University of California-Los Angeles, 1966. At SPU 1985–2000. Emeritus since 2000.

Janet Leslie Blumberg, English. BA, University of Washington, 1968; MA, 1969; PhD, Harvard University, 1976. At SPU 1974–2001. Emerita since 2001.

Kevin Bolding, Electrical Engineering. BA, Rice University, 1988; MS, University of Washington, 1991; PhD, University of Washington, 1993. At SPU 1995–2020. Emeritus since 2020.

Barbara Bovy, Family and Consumer Sciences. BS, University of Idaho, 1960; MA, University of Washington 1971; PhD, University of Washington, 1979. At SPU 1978–2008. Emerita since 2008.

Ronald Boyce, Urban and Regional Studies; Dean, Social and Behavioral Sciences. BS, University of Utah, 1956; MS, 1957; PhD, University of Washington, 1961. At SPU 1976–97. Emeritus since 1997.

Kathleen Braden, Geography. BA, Boston University, 1972; MA, University of Washington, 1974; PhD, University of Washington, 1981. At SPU 1982–2016. Emerita since 2016.

Janet Buck, Mathematics. BS, Seattle Pacific College, 1955. At SPU 1957–96. Emerita since 1996.

Michael Caldwell, Art. BS, University of Oregon, 1968; MFA, University of Oregon, 1970. At SPU 1970–2006. Emeritus since 2006.

Gordon Cochran, Sociology. BA, Seattle Pacific College, 1950; MA, 1957; PhD, University of Southern California, 1968. At SPU 1965–89. Emeritus since 1989.

Bruce Congdon, Biology, Dean of CAS, Division of Sciences; BS, College of the Ozarks, 1979; MS Colorado State University, 1981; PhD, University of California Riverside, 1985. At SPU 1985–2019. Emeritus since 2019.

Kerry Dearborn, Theology. BA, Whitman College, 1972; MA, Fuller Theological Seminary, 1988; PhD, University of Aberdeen, 1994. At SPU 1997–2016. Emerita since 2016.

Jon Deming, Economics. BA, Whitman College, 1971; MA, University of Oregon, 1974; PhD, University of Oregon, 1979. At SPU 1977–2014. Emeritus since 2014.

David Dickerson, English; Vice President, Academic Affairs. BA, Greenville College, 1955; MA, University of Southern California, 1958; PhD, 1964. At SPU 1976–92. Emeritus since 1992.

Douglas Downing, Economics. BS, Yale University, 1979; PhD, Yale University, 1987. At SPU 1983–2018. Emeritus since 2018.

Doug Durasoff, Political Science. BA, Michigan State University, 1966; MPhil, Yale University, 1969; PhD, Yale University, 1978. At SPU 1986–2010. Emeritus since 2010.

Dirk "Rick" Eigenbrood, Education. BA, Dordt College, 1974; MA, University of Washington, 1979; PhD, University of Iowa, 1988. At SPU 2001–2019. Emeritus since 2019.

Art Ellis, Education. BS, Oregon College of Education, 1962; MS, Oregon College of Education, 1965; PhD, University of Oregon, 1968. At SPU 1986–2019. Emeritus since 2019.

Ruby Englund, Nursing. BS, Gustavus Adolphus College, 1964; MSN, University of Washington, 1965. At SPU 1970–2007. Emerita since 2007.

Joyce Quiring Erickson, English; Dean, College of Arts and Sciences. BA, North Central College, 1965; MA,

University of Washington, 1966; PhD, University of Washington, 1970. At SPU 1969–83, 1992–2003. Emerita since 2003.

Al Erisman, Business, Government & Economics; Executive in Residence. BS, Northern Illinois University, 1962; MS, Iowa State University, 1967; PhD, Iowa State University, 1969. At SPU 2001–2017. Emeritus since 2017.

Roger Feldman, Art. BA, University of Washington, 1972; MFA, Claremont Graduate University, 1977. At SPU 2000–2017. Emeritus since 2017.

Gary Fick, Library. BA, State University of New York-Buffalo, 1971; MS, 1973; MLS, 1974; MA, University of Washington, 1983. At SPU 1974–2013. Emeritus since 2013.

Susan Franklin, Education. BA, University of Washington; MEd, Seattle Pacific University, 1990. At SPU 1985–2002. Emerita since 2002.

Mary Fry, Nursing. BSN, University of Washington, 1966; MSN, University of Washington, 1972; PhD, Oregon Health Science University, 1994; At SPU 1969–2009. Emerita since 2009.

Fan Gates, English. BA, Baylor University, 1956; MA, Mississippi State University, 1963. At SPU 1963–99. Emerita since 1999.

Claudia Grauf-Grounds, Marriage and Family Therapy. BA, Stanford University, 1976; MA, Fuller Theological Seminary, 1978; PhD, University of Southern California, 1988. At SPU 2000–2017. Emerita since 2017.

Evette Hackman, Family and Consumer Sciences. BS, University of Nebraska, 1964; MS, University of Kansas, 1966; PhD, University of Washington, 1980. At SPU 1991–2004. Emerita since 2004.

Michael Hamilton, History. BA, Seattle Pacific University, 1986; MA, University of Notre Dame, 1988; PhD, University of Notre Dame, 1995. Emeritus since 2017.

Joy Hammersla, Psychology. BA, Seattle Pacific College, 1954; MS, University of Washington, 1962; PhD, 1974. At SPU 1981–96. Emerita since 1996.

Patricia Hammill, Education. BA, University of Washington, 1969; MEd, 1974; PhD, 1987. At SPU 1988–2002. Emerita since 2002.

Eric Hanson, Music. BME, Wheaton College, 1971; MM, Colorado State University, 1974; AMusD, University of Washington, 1986. At SPU 1979–2016. Emeritus since 2016.

Shirley Harlow, Nursing. BA, University of Oregon, 1948; BS, 1951; MA, New York University, 1965. At SPU 1976–88. Emerita since 1988.

Daniel Harris, Business and Economics. BA, Westmont College, 1963; MBA, University of California at Los Angeles, 1965; PhD, 1970. At SPU 1970–90. Emeritus since 1990.

Sharon Hartnett, Education. BA, Whitworth College, 1978; MAT Whitworth College, 1985; PhD, Gonzaga University, 1999. At SPU 2000–14. Emerita since 2014.

Chester Hausken, Education. BA, St. Olaf College, 1951; MA, University of Northern Colorado, 1956; EdD, 1963. At SPU 1982–97. Emeritus since 1997.

Doris Heritage, Physical Education. BS, Seattle Pacific College, 1964; MEd, 1975. At SPU 1969–02. Emerita since 2002.

Dan Hess, Business. BA, Wheaton College, 1971; MBA, University of Washington, 1975; PhD, University of Arizona, 1982. At SPU 1977–2019. Emeritus since 2019.

Emily Hitchens, Nursing. BS, University of Washington, 1965; MS, University of Washington 1967; EdD, Seattle

University, 1988. At SPU 1981–08. Emerita since 2008.

Ramona Holmes, Music Education. BS, Portland State University, 1974; MA in Teaching, University of Washington, 1978; MA, University of Washington, 1982; DMA, University of Washington, 1990. At SPU 1994–2019.

Donald Holsinger, History. BA, Bethel College, 1970; PhD, Northwestern University, 1979. At SPU 1990–2018. Emeritus since 2018.

Robert Hughson, Electrical Engineering, Engineering Science, and Physics. BS, Seattle Pacific College, 1959; MS, University of Washington, 1961. At SPU 1961–03. Emeritus since 2003.

Barbara Innes, Nursing. BSN, University of Washington, 1963; MS, University of California-San Francisco, 1969; EdD, Seattle University, 1989. At SPU 1976–06. Emerita since 2006.

Wayne Johnson, Music. BA, Bob Jones University, 1969; MM, University of Cincinnati, 1975; DMA, University of Oregon, 1986. At SPU 1977–14. Emeritus since 2014.

Bill Kauppila, Business, Government & Economics; Executive in Residence. BS, Northern Michigan University, 1967; MBA, Western Michigan University, 1968. At SPU 2006–2017. Emeritus since 2017.

Rick Jackson, Journalism. BA, Pennsylvania State University, 1977; MA, University of Washington, 1995; PhD, University of Washington, 2005. At SPU 1995–2019. Emeritus since 2019.

Lucille Kelley, Nursing; Dean, School of Health Sciences. BSN, University of Connecticut, 1969; MN, University of Washington, 1973; PhD, 1990. At SPU 1985–12. Emerita since 2012.

Elletta Kennison, Education. BA, University of Washington, 1972; MEd, 1978; EdD, 1991. At SPU 1974–00. Emerita since 2000.

Herb Kierulff, Entrepreneurship and Finance. BA, Stanford University, 1959; MBA, University of Southern California, 1964; Doctor of Business Administration, University of Southern California, 1967. At SPU 1980–15. Emeritus since 2015.

Kenneth Knight, Business. BS, Yale University, 1959; MS, Carnegie Mellon University, 1961; PhD, Carnegie Mellon University, 1964. At SPU 1988–08. Emeritus since 2008.

Harriett Kovacevich, Education. BA, Whitman College, 1955; MEd, Seattle Pacific University, 1979. At SPU 1966–96. Emerita since 1996.

Robert Larson, Sociology. BA, Augsburg College, 1956; MA, University of Washington, 1966. At SPU 1966–92. Emeritus since 1993.

Laura Lasworth, Art. BFA, School of Art Institute, 1977; MFA, California Institute of the Arts, 1980. At SPU 2002–2020. Emerita since 2020.

Steve Layman, Philosophy. BA, Calvin College, 1977; PhD, University of California Los Angeles, 1983; At SPU 1986–2016. Emeritus since 2016.

Gene Lemcio, New Testament. BS, Houghton College, 1964; MDiv, Asbury College, 1968; PhD, Trinity College, University of Cambridge, 1975. At SPU 1974–10. Emeritus since 2010.

Wes Lingren, Chemistry. BS, Seattle Pacific College, 1952; MS, University of Washington, 1954; PhD, 1962; National Science Foundation Science Faculty Fellow, Yale University, 1967–68. At SPU 1958–98. Emeritus since 1998.

Donald MacDonald, Marriage and Family Therapy. BA, University of Texas, 1972; MS, University of Indiana Bloomington, 1973; PhD, Michigan State University, 1984. At SPU 1980–2019. Emeritus since 2019.

Michael Macdonald, European Studies, German, and Philosophy. BA, Pacific Lutheran University, 1963; MA, University of Washington, 1964; PhD, University of Washington, 1974. At SPU 1967–07. Emeritus since 2007.

Tim Malm, Art. BA, Seattle Pacific College, 1975; BFA, University of Washington, 1978; MFA, University of Hawaii at Manoa, 1980. At SPU 1976–01. Emeritus since 2001.

Gerry Marsh, Music. BA, Northwest Nazarene University, 1967; MM, University of Oregon, 1968. At SPU 1998–13. Emeritus since 2013.

Curtis Martin, Education; President. BA, Seattle Pacific College, 1955; BD, Bethel Theological Seminary, 1964; MA, University of Washington, 1963; PhD, University of Washington, 1968. At SPU 1963–70 and 1972–94. Emeritus since 1994.

Vicki McClurg, Nursing. BS, Seattle Pacific College, 1970; M.N., University of Washington, 1981. At SPU 1981–98. Emerita since 1998.

Del McHenry Jr., Psychology. BA, Central Washington State College, 1967; MS, Central Washington University, 1968; PhD, Michigan State University, 1973. At SPU 1973–06. Emeritus since 2006.

Gaile Moe, Family and Consumer Sciences. BS, University of Washington, 1978; PhD, University of Washington, 1996. At SPU 1994–2019. Emerita since 2019.

Kenneth Moore, Biology. BA, Evangel University, 1960; MA, University of Missouri Kansas City, 1963; PhD, University of New Mexico Albuquerque, 1975. At SPU 1974–07. Emeritus since 2007.

Ray Myers, Science Education. BS, Wayne State University, 1963; MS, Oregon State University, 1968; EdD, 1978. At SPU 1987–05. Emeritus since 2005.

Bill Nagy, Education. BA, Michigan State University, 1970; PhD, University of California San Diego, 1974. At SPU 1996–2019. Emeritus since 2019.

Lorelie Olson, Education. BAEd, Pacific Lutheran University, 1961; MEd, Seattle Pacific College, 1968; EdD, Seattle University, 1991. At SPU 1976–99. Emerita since 1999.

Don Peter, Electrical Engineering. BS, Seattle Pacific University, 1974; MS, University of Washington, 1976. At SPU 1987–2017. Emeritus since 2017.

Lyle Peter, Chemistry. BS, Seattle Pacific College, 1972; PhD, University of Washington, 1979. At SPU 1979–14. Emeritus since 2014.

Joanna Poznanska, International Business. MA, University of Warsaw, 1970; PhD, Warsaw University of Technology, 1976. At SPU 1988–2019. Emerita since 2019.

Marilyn Poysky, Nursing. BA, University of Washington, 1964; MS, University of California, 1968. At SPU 1987–03. Emerita since 2003.

Bill Prenevost, Education. BS, Montana State University Bozeman, 1969; MEd, University of Washington, 1975; PhD, University of Washington, 1992. At SPU 2006–2019. Emeritus since 2019.

Phil Prins, Computer Science. BA, Humboldt State University, 1976, 1978; MS, University of Idaho, 1984; PhD, 1993. At SPU 1992–12. Emeritus since 2012.

James Rand, Business. BS, Marquette University, 1963. BLaws, La Salle Extension University, 1972. At SPU 1993–2018. Emeritus since 2018.

Luke Reinsma, English. BA, Calvin College, 1970; MA, University of Michigan, 1974; PhD, University of Michigan, 1978. At SPU 1985–14. Emeritus since 2014.

Rick Ridgway, Biology. BS, Seattle Pacific University, 1977; MS, Washington State University, 1983; PhD, Washington State University, 1988. At SPU 1991–2019. Emeritus since 2019.

Annette Robinson, Education. BA, University of Washington, 1966; MEd, 1969; PhD, 1976. At SPU 1977–01. Emerita since 2001.

Mícheál Roe, Psychology. BA, University of California San Diego, 1973; MEd, University of Washington, 1975; PhD, University of Washington, 1981. At SPU 1988–2019. Emeritus since 2019.

Christina Roseman, Classics. BA, University of Washington, 1957; MA, 1972; PhD, 1983. At SPU 1973–01. Emerita since 2001.

William Rowley, Counselor Education; Dean, School of Education. BA Pasadena College, 1962; MA, San Jose State College, 1967; EdD, University of Northern Colorado, 1973. At SPU 1996–08. Emeritus since 2008.

Lynn Samford, Physical Education and Recreation. BA, University of Wyoming, 1950; MEd, Central Washington University, 1961. At SPU 1982–92. Emeritus since 1993.

Tina Schermer-Sellers, Marriage and Family Therapy. BA, San Diego State University, 1982; MS, Seattle Pacific University, 1991. At SPU 1998–2019. Emerita since 2019.

Regina Schlee, Marketing. BA, University of Nevada Las Vegas, 1976; MA, Washington State University, 1978; PhD, Washington State University, 1981. At SPU 1984–2019. Emerita since 2019.

Richard Scheuerman, Education. BA, Washington State University, 1973; MA, Pacific Lutheran University, 1977; PhD, Gonzaga University, 1992. At SPU 2004–2017. Emeritus since 2017.

George Scranton, Theatre. BA, Seattle Pacific University, 1968; MA, Seattle Pacific University, 1971; MA, University of Washington, 1975; PhD, The Graduate Theological Union, 1994. At SPU 1975–15. Emeritus since 2015.

Debra Sequeira, Communications, Dean of CAS, Division of Arts and Humanities. BA, San Francisco State University; MA, San Francisco State University, 1978; PhD, University of Washington, 1987. At SPU 1990–2020. Emerita since 2020.

Marilyn Severson, European Studies and French. BA, Willamette University, 1962; MA, University of Pittsburgh, 1964; PhD, University of Colorado, 1973. At SPU 1979–04. Emerita since 2004.

Jay Skidmore, Clinical Psychology; BA Azusa Pacific University, 1976; MA, California State University, 1981; PhD, Virginia Polytechnic Institute, 1988. At SPU 2001–15. Emeritus since 2015.

Peter Smith, Education. BSEd, Oregon College of Education, 1962; MEd, 1966; PhD, University of Washington, 1974. At SPU 1970–02. Emeritus since 2002.

Richard Smith, Educational Leadership. BA, Seattle Pacific College, 1963; MA, University of Oregon, 1968; PhD, 1972. At SPU 1988–11. Emeritus since 2012.

Ed Smyth, Educational Ministry. BA, Taylor University Ft Wayne, 1968; MRE, Gordon-Conwell Theological Seminary, 1972; EdD, Boston University, 1978. At SPU 1975–2016. Emeritus since 2016.

Lilyan Snow, Nursing. BS, San Jose State University, 1970; MS, 1973; PhD, University of Washington, 1983. At SPU 1984–98. Emerita since 1998.

Frank Spina, Old Testament. BA, Greenville University, 1965. MDiv, Asbury College, 1968; MA, University of Michigan, 1970; PhD, University of Michigan, 1977. At SPU 1973–2019. Emeritus since 2019.

Les Steele, Christian Formation; Dean, School of Theology; Vice President, Academic Affairs. BA, Azusa Pacific, 1975; MA, 1976; PhD, Claremont Graduate School, 1984. At SPU 1985–12. Emeritus since 2012.

Myrthalyne Thompson, Psychology. BS, Akron University, 1953; MS, 1955; PhD, Purdue University, 1958. At SPU 1968–87. Emerita since 1987.

John Thoburn, Clinical Psychology. BA, University of Kansas, 1976; MDiv, Fuller Theological Seminary, 1984; PhD, Fuller Theological Seminary, 1991. At SPU 1998–2019. Emeritus since 2019.

Doug Thorpe, English. BA, Beloit College, 1975; MA, University of Washington, 1977; PhD, University of Washington, 1983. At SPU 1992–2019. Emeritus since 2019.

Mike Tindall, Computer Science. BS, Seattle Pacific University, 1971; MS, University of Illinois Urbana-Champaign, 1975; PhD, University of Illinois Urbana-Champaign, 1975. At SPU 1980–2017. Emeritus since 2017.

Tom Trzyna, English. BA, University of California Berkeley, 1968; MA, University of Washington, 1974; PhD, University of Washington, 1977. At SPU 1981–15. Emeritus since 2015.

Jeffrey Van Duzer, Business Ethics and Law; Provost. BA, University of California Berkeley, 1976; JD, Yale University, 1979. At SPU 2001–2019. Emeritus since 2019.

Eric Vogt, Languages. BA, University of Hawaii, 1977; MA, University of Missouri, 1983; PhD, University of Missouri, 1988. At SPU 2001–17. Emeritus since 2017.

Stella Warnick, Family and Consumer Sciences. BS, University of Alberta, 1956; MA, University of Washington, 1970; PhD, 1989. At SPU 1974–01. Emerita since 2001.

Cathryn Washington, Nursing. BSN, Duke University, 1965; MS, University of Maryland, 1971; Certificate: Primary Care Practitioner, University of Maryland, 1974; PhD, University of Kansas, 1987. At SPU 1988–02. Emerita since 2002.

Robert Weathers, Physical Education and Exercise Science. BSSE, John Brown University, 1967; MEd, University of Arkansas, 1969; EdD, Brigham Young University, 1975. At SPU 1978–10. Emeritus since 2010.

Elaine Weltz, Computer Science. BA, Seattle Pacific University, 1974; BA, Seattle Pacific University, 1975; BS, Seattle Pacific University, 1984; MM, University of Southern California, 1978; MA, University of California Los Angeles, 1978; MSE, Seattle University, 1989. At SPU 1984–2019. Emerita since 2019.

Vernon Wicker, Music. BM, Biola College, 1961; MM, Indiana University, 1964; Goethe Institute, Germany, 1964; DMA, University of Oregon, 1979. At SPU 1979–02. Emeritus since 2002.

Dick Wood, Mathematics and Computer Science. BS, California State College at Long Beach, 1961; MA, 1962; PhD, University of Montana, 1976. At SPU 1963–65, 1968–79, and 1984–03. Emeritus since 2003.

Bill Woodward, History. BA, Wheaton College, 1969; MA, Georgetown University, 1974; PhD, Georgetown University 1974. At SPU 1974–2017; Emeritus since 2017.

Martha Worcester, Nursing BS, California State University Chico, 1962; MS, University of California San Francisco, 1964; PhD, University of Washington, 1990. At SPU 1989–07. Emerita since 2007.

Don Yanik, Theatre. BA, Anderson College, 1964; MEd, University of Nebraska, 1970; MFA, Southern Methodist University, 1981. At SPU 1985–20–14. Emeritus since 2014.

Sharon Young, Mathematics and Mathematics Education. BA, University of Redlands, 1966; MA, University of Denver, 1976; PhD, University of Colorado Boulder, 1979. At SPU 1995–15. Emerita since 2015.

Michael Ziemann, European Studies, German, and Linguistics. BA, Freie University, 1968; MA, Kansas State University, 1969; PhD, Washington University, 1974. At SPU 1981–14. Emeritus since 2014.

Early Enrollment at SPU

Qualified students may enroll at SPU prior to completing all required units in high school. Only those students highly recommended for Early Admission will be considered. Such students should rank among the top students in their class and have high SAT/ACT scores.

Requirements include evidence of completion of junior year in high school, outstanding high school record and test scores, and a letter of recommendation from the high school principal approving early college admission and concurrent high school completion.

Evidence of high school completion (high school transcript with graduation date or GED) is required in order to receive financial aid. Contact Undergraduate Admissions for details.

Applying as a First-Year Student

You are considered a first-year student if you have not yet graduated from high school or have not yet completed any college courses since high school graduation at the point of application for admission.

College credit earned while in high school — through Running Start, College in the High School, other accelerated programs, or coursework at a local college or university — does not place you in the “transfer student” category. First-year students follow the application procedures below:

- **Complete either the SPU Application or the Common Application on the [First-Year application](#)** page and submit it to Undergraduate Admissions along with your \$50 nonrefundable application fee and the required SPU member section.
- During the first semester of your senior year, **arrange for an official transcript to be sent by your most recent high school and any high schools previously attended**, unless your current high school transcript provides previous coursework, credits, and grades. If you choose to attend SPU, you must also request that a final transcript be sent to Undergraduate Admissions by August 1.
- **If you have completed college coursework while in high school and the coursework appears on your high school transcript**, you are not required to submit official transcripts from the institutions of higher education when you apply for admission. However, in order to receive advanced standing credit and to be placed in the correct first-quarter classes, you should request that all colleges and universities you have attended send official transcripts to SPU Undergraduate Admissions before registering for classes during New Student Advising. Final official transcripts will be required from all colleges and universities you attended, and must be submitted by the 10th day of your first quarter at SPU.
- **Take either the College Board Scholastic Aptitude Test (SAT-I)** (SPU code 4694) **or American College Test (ACT)** (SPU code 4476) and submit the scores to SPU.
- **You have the option to submit a Teacher Evaluation form** through the Common Application. Additionally, your college counselor can add remarks to the School Report when submitting your transcript. Both forms are part of the First-Year applications.

HOMESCHOOLED STUDENTS

If you are a homeschooled student, submit application materials as stated for all first-year students. When applying to Seattle Pacific, you will:

- **Complete either the [SPU Application or the Common Application](#)**, including the school report, completed by your parent or homeschool teacher.
- **\$50 application fee.**
- **Official SAT or ACT test scores**, sent by the testing agency.
- **High School transcript***, including all courses completed, a grade and number of credits for each course, a cumulative unweighted GPA (4.0 scale), signed by a parent or homeschool administrator.
- **Official college transcripts**, if you’ve received dual credit toward high school from a college.

*Some applicants may be asked to submit a summary of their homeschool curriculum and reading list.

ENGLISH LANGUAGE PROFICIENCY

All students must have a good command of the English language to be academically successful at SPU. You are considered a native English speaker if English is your first language or if both your primary and secondary education took place in Australia, Canada (other than Quebec), Great Britain, Ireland, New Zealand, or the U.S.

(other than Puerto Rico).

Regardless of citizenship status, if you are not considered a native English speaker you may be required to demonstrate English proficiency through one of the means listed on the [English Language Proficiency Requirement page](#). If demonstration of English proficiency is necessary, you will be notified by Undergraduate Admissions.

[International students](#) are required to demonstrate English proficiency through one of the means listed under [English Language Proficiency](#) in the International Students section of this catalog, unless they meet one of the criteria listed above for native English speakers.

Procedures to Apply for Admission

- **Complete the Common Application First-Year or Transfer application, or the SPU first year application or transfer application or Nursing CAS application**, and submit it to Undergraduate Admissions along with the \$50 nonrefundable application fee.
- **SPU requires official transcripts or mark sheets** and (when you have completed a degree) diplomas or leaving certificates from all secondary schools, colleges, and universities attended. All documents must have the official stamp or seal from the issuing institution and must be sent directly by the school or authority (depending on the country) to SPU in a sealed envelope, or via third-party secure electronic document service to application@spu.edu. Documents must be in English or accompanied by official English translations. Applicants should consult with Admissions staff for information about the required documents and procedures for their specific country.
- **If, after completing secondary school and before applying to SPU**, you have completed more than 45 transferable university-level quarter credits or 30 transferable semester units, you will not be required to submit your transcripts from secondary school.
- **SPU does not require financial documentation as part of the application process.** However, if you are offered admission, and to satisfy visa-application requirements, you will be required to document adequate funds to cover your educational and living expenses for your intended period of study at SPU. **Note:** While international students are eligible to be awarded SPU merit scholarships, federal financial assistance is available only to U.S. citizens and permanent residents.
- **International students are not required to submit scores from SAT/ACT exams.** However, scores do enhance an application, and students presenting sufficiently high reading and writing scores may be exempted from the [English proficiency test requirement](#).

Applying as an International Student

SPU welcomes international student applications, and is eager to have qualified students from a variety of geographic and cultural backgrounds join our academic community. SPU also seeks to admit students who would most benefit from the distinctives of the institution.

International students are non-immigrants to the United States who are admitted to the country on a temporary U.S. visa (most commonly an F-1 student visa). U.S. citizens, permanent residents, naturalized citizens, and undocumented students are not considered international students.

If you plan to attend classes at SPU without being admitted to the University, see [Non-Matriculated International Students](#) for requirements and procedures.

Academic Qualifications

Successful first year applicants who have completed their secondary education outside the U.S. usually present a grade point average equivalent to a U.S. 3.0 ("B") or higher.

Transfer applicants should have the equivalent of at least a U.S. 2.5 college-level transfer GPA to be successful in their application for transfer admission to SPU. **Please note that admission to some specific majors may require a higher transfer GPA.**

Application for Admission

When applying for admission, you should apply online by visiting www.spu.edu/apply. Students can apply through our own [SPU Application](#), and we are also a member of the [Common Application](#).

APPLICATION DEADLINES

Application materials for admission must meet the following deadlines for each respective quarter:

Autumn Quarter admittance

- **November 1:** Early Action Deadline for first-year applicants
- **January 15:** Regular deadline for first-year applicants
- **April 1:** Early Action Deadline for transfer applicants
- **July 1:** Final Deadline for transfer applicants

Winter Quarter admittance

- **November 15:** Deadline for all applicants

Spring Quarter admittance

- **February 1:** Deadline for all applicants

You are responsible for providing all items required with your application, including a \$50 nonrefundable application fee. All records submitted for admission become the property of SPU and are considered a part of your official file and permanent record.

If you want financial aid and scholarship consideration, please file the [Free Application for Federal Student Aid \(FAFSA\)](#) with the federal processor as soon as possible after October 1 and submit all application materials before February 1.

- **Need-based financial-aid award decisions** (e.g., grants, loans, and student employment) for students who meet these deadlines are processed December-January for Early Action first year applicants and February-March for Regular first year applicants and all transfer fall applicants.
- **Merit scholarships** (not based on need) are awarded at the point of admission.

Find more information and instructions for financial aid applications in [Student Financial Services](#).

ENGLISH LANGUAGE PROFICIENCY REQUIREMENT

All students, regardless of citizenship status, must have a good command of the English language to be academically successful at SPU. Therefore, if it appears necessary, nonnative English speakers may be asked to prove English language proficiency by one of the means as described in this Catalog under [English Language Proficiency](#).

You are considered a native English speaker if:

- **English is your first language.**
- **Both your primary and secondary education** took place in Australia, Canada (other than Quebec), Great Britain, Ireland, New Zealand, or the U.S. (other than Puerto Rico)

BRITAIN, IRELAND, NEW ZEALAND, OR THE U.S. (OTHER THAN PUERTO RICO).

International students are required to demonstrate English proficiency through one of the means listed under English Language Proficiency in the International Students section of this catalog, unless they meet one of the criteria listed above for native English speakers.

Transferring International Credits

If you completed college- or university-level coursework from institution(s) outside the U.S. prior to matriculation at SPU, you must have a professional credential evaluation service provide a course-by-course evaluation of your college or university transcripts.

SPU accepts professional credential evaluations from agencies recognized by NACES (National Association of Credential Evaluation Services), such as [World Education Services](#) and the [Foundation for International Services](#).

Information about [transfer of U.S. credits](#) and [acceptance of two-year degrees](#) is found elsewhere in the Admissions section of this catalog, as is information about how you might gain [advanced standing credit for secondary schoolwork equivalent to a 13th year](#).

Regular Faculty

- [Art](#)
- [Biology](#)
- [Business, Govrnmt & Economics](#)
- [Chemistry](#)
- [Clinical Psychology](#)
- [Communication](#)
- [Education](#)
- [Engineering & Computer Science](#)
- [English](#)
- [Family and Consumer Science](#)
- [Health Sciences](#)
- [Health and Human Performance](#)
- [History](#)
- [Languages/Cultures/Linguistics](#)
- [Marriage and Family Therapy](#)
- [Mathematics](#)
- [Music](#)
- [Organizational Psychology](#)
- [Philosophy](#)
- [Physics](#)
- [Psychology](#)
- [Sociology](#)
- [Theatre](#)
- [Theology](#)

ART

- **Bent, Zack** Assistant Professor of Art
 - [Contact Info](#)
 - At SPU since 2012
 - Master of Arts, Ball State University, 2004
 - Master of Fine Arts, University of Washington, 2008
- **Gutowsky-Zimmerman, Karen** Professor of Art - Visual Communication
 - [Contact Info](#)
 - At SPU since 2005
 - B.F.A., University of Illinois Urbana-. 1984

- Master of Fine Arts, University of Washington, 2000
- **Kolbo, Scott** Professor of Art; Dept Chair
 - [Contact Info](#)
 - At SPU since 2012
 - B.F.A., Boise State University, 1996
 - Master of Fine Arts, University of Wisconsin-Madiso, 2000
- **Kresser, Katie** Professor of Art
 - [Contact Info](#)
 - At SPU since 2006
 - B.A., Indiana University Bloomington, 1998
 - Master of Arts, Harvard College, 2001
 - Doctor of Philosophy, Harvard College, 2006
- **Lasworth, Laura** Professor of Art
 - [Contact Info](#)
 - At SPU since 2002
 - B.F.A., School of the Art Institute of, 1977
 - Master of Fine Arts, California Institute of the Ar, 1980
- **Stigora, Alison** Assistant Professor of Art
 - [Contact Info](#)
 - At SPU since 2017
 - B.F.A., Southern Adventist University, 2004
 - Master of Fine Arts, Pennsylvania Academy of Arts, 2007

BIOLOGY

- **Bester-Meredith, Janet** Associate Professor of Biology
 - [Contact Info](#)
 - At SPU since 2003
 - B.A., Pomona College, 1995
 - Master of Science, University of Wisconsin-Madiso, 1997
 - Doctor of Philosophy, University of Wisconsin-Madiso, 2001
- **Bishop, Cindy** Assistant Professor of Biology
 - [Contact Info](#)
 - At SPU since 2000
 - B.S., Seattle Pacific University, 1980
 - D.V.M., Washington State University, 1984
- **Brezynski, Elena** Assistant Professor of Biology
 - [Contact Info](#)
 - At SPU since 2011

- B.A., University of Oxford, 1984
- Doctor of Philosophy, Monash Univ. - Melbourn AUSTRALIA, 1989
- **Delgado-Stuck, Tracie** Associate Professor of Biology
 - [Contact Info](#)
 - At SPU since 2019
 - B.S., University of California Los Angeles, 2006
 - Doctor of Philosophy, University of Washington, 2011
- **Ferrer, Ryan** Professor of Biology
 - [Contact Info](#)
 - At SPU since 2007
 - B.S., Pepperdine University, 2000
 - Doctor of Philosophy, University of California Los Angeles, 2007
- **Hunter, Max** Assistant Professor of Biology and Education; Director of PPHS
 - [Contact Info](#)
 - At SPU since 2014
 - B.A., University of Washington, 2002
 - Master of Arts, Harvard College, 2006
 - Master of Education, Harvard College, 2007
 - Doctor of Philosophy, University of Washington, 2011
 - Master of Arts, University of Washington, 2013
- **Long, Eric** Professor of Biology
 - [Contact Info](#)
 - At SPU since 2006
 - B.S., Wheaton College, 1998
 - Master of Science, Williston State College, 2001
 - Doctor of Philosophy, Pennsylvania State University, 2005
- **Nelson, Tim** Professor of Biology; Director of Blakely Island Field Station
 - [Contact Info](#)
 - At SPU since 1995
 - B.S., Seattle Pacific University, 1987
 - Doctor of Philosophy, University of Washington, 1995
- **Pratt, Charlotte** Associate Professor of Biology
 - [Contact Info](#)
 - At SPU since 2001
 - B.S., University of Notre Dame, 1982
 - Doctor of Philosophy, Duke University, 1987
- **Tenlen, Jenny** Associate Professor of Biology

- [Contact Info](#)
- At SPU since 2012
- B.S., University of Puget Sound, 1995
- Master of Arts in Teaching, Seattle University, 1998
- Doctor of Philosophy, University of Washington, 2007
- **Wall-Scheffler, Cara** Professor of Biology
 - [Contact Info](#)
 - At SPU since 2007
 - B.A., Seattle Pacific University, 2000
 - M.Phil., University of Cambridge, 2001
 - Doctor of Philosophy, University of Cambridge, 2005
- **Wood, Derek** Professor of Biology, Interim Dean, CAS-STEM
 - [Contact Info](#)
 - At SPU since 2004
 - B.S., Washington State University, 1991
 - Doctor of Philosophy, University of Arizona, 1997

BUSINESS, GOVRNMNT & ECONOMICS

- **Baker, Bruce** Associate Professor of Business Ethics
 - [Contact Info](#)
 - At SPU since 2010
 - B.S., California Institute of Techno, 1978
 - Master of Bus Administration, Stanford University, 1981
 - Master of Divinity, Fuller Theological Seminary, 2001
 - Doctor of Philosophy, University of State Andrews, 2010
- **Beavers, Randy** Assistant Professor of Finance
 - [Contact Info](#)
 - At SPU since 2015
 - B.S., University of Alabama, 2010
 - Doctor of Philosophy, University of Alabama, 2015
- **Chen, Andy** Assistant Professor of Marketing and Data Analytics
 - [Contact Info](#)
 - At SPU since 2019
 - B.S., University of British Columbia, 2010
 - Master of Arts, University of British Columbia, 2012
 - Doctor of Philosophy, University of California Berke, 2016
 - Master of Science, Simon Fraser University, 2018
 - Master of Science, Georgia Institute of Technolog, 2018

- **Chung, Helen** Assistant Professor of Management
 - [Contact Info](#)
 - At SPU since 2018
 - B.A., Kalamazoo College, 1995
 - Doctor of Philosophy, Seattle Pacific University, 2018
- **Dadzie, Richard** Assistant Professor of Economics
 - [Contact Info](#)
 - At SPU since 2018
 - B.A., Whitworth University, 2005
 - Doctor of Philosophy, University of Missouri: Kansas, 2011
- **Daniels, Denise** Professor of Management
 - [Contact Info](#)
 - At SPU since 1996
 - B.A., Wheaton College, 1991
 - Doctor of Philosophy, University of Washington, 1997
- **Davis, Reed** Professor of Political Science
 - [Contact Info](#)
 - At SPU since 1989
 - B.A., University of Pennsylvania, 1978
 - Master of Arts, University of Pennsylvania, 1978
 - Doctor of Philosophy, University of Virginia, 1991
- **Drozdova, Katya** Associate Professor of Political Science
 - [Contact Info](#)
 - At SPU since 2010
 - B.A., Stanford University, 1996
 - Master of Arts, Stanford University, 1998
 - M.Phil., New York University, 2006
 - Doctor of Philosophy, New York University, 2008
- **Ediger, Ruth** Associate Professor of Political Science
 - [Contact Info](#)
 - At SPU since 2002
 - B.A., Pacific Lutheran University, 1988
 - Master of Arts, University of Nebraska Lincoln, 1991
 - Doctor of Philosophy, University of Nebraska Lincoln, 1996
- **Eveland, Vicki** Associate Professor of Marketing
 - [Contact Info](#)
 - At SPU since 2011
 - Bachelor of Business Admin, Mississippi State University, 1982

- Master of Bus Administration, Mississippi State University, 1983
- Doctor of Business Admin, Mississippi State University, 1988
- **Franz, Randy** Professor of Management
 - [Contact Info](#)
 - At SPU since 1991
 - B.A., California State University Sacramen, 1982
 - Master of Arts, Stanford University, 1988
 - Doctor of Philosophy, Stanford University, 1991
- **Godek, John** Associate Professor of Management
 - [Contact Info](#)
 - At SPU since 2014
 - B.S., United States Coast Guard Acad, 1987
 - Master of Bus Administration, University of Houston, 1993
 - Master of Science, University of Michigan, 2000
 - Doctorate Degree, University of Michigan, 2003
- **Henry, Caleb** Associate Professor of Political Science
 - [Contact Info](#)
 - At SPU since 2003
 - B.A., Hillsdale College, 1997
 - Master of Arts, Claremont Graduate University, 1999
 - Doctor of Philosophy, Claremont Graduate University, 2002
- **Ipino, Elisabetta** Assistant Professor of Accounting
 - [Contact Info](#)
 - At SPU since 2017
 - B.S., University of Padova, 2005
 - Doctor of Philosophy, University of Padova, 2010
- **Karns, Gary** Professor of Marketing; Associate Dean, Graduate Studies; Graduate Director
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 - At SPU since 1979
 - Master of Bus Administration, University of Oklahoma, 1977
 - Doctor of Philosophy, University of Washington, 1987
- **LaBrie, Ryan** Professor of Management and Information Systems
 - [Contact Info](#)
 - At SPU since 2004
 - B.S., Seattle Pacific University, 1993
 - Master of Science, Seattle Pacific University, 1997
 - Doctor of Philosophy, Arizona State University, 2004

- **Lee, Don** Associate Professor of Management
 - [Contact Info](#)
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 - B.A., Seoul National University, 2002
 - Master of Arts, Seoul National University, 2004
 - Doctor of Philosophy, University of Pittsburgh, 2010
- **Mason, Geri** Associate Professor of Economics
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 - At SPU since 2010
 - B.A., Whitworth University, 2002
 - Master of Arts, University of Hawaii at Manoa, 2010
 - Doctor of Philosophy, University of Hawaii at Manoa, 2010
- **Murg, Bradley** Assistant Professor of Political Science
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 - B.A., Emory University, 2000
 - Master of Arts, Emory University, 2000
 - Master of Science, London School of Econ/Poli Sci, 2002
 - Master of Arts, University of Washington, 2008
 - Doctor of Philosophy, University of Washington, 2015
- **Nguyen, Hau** Assistant Professor of Economics
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 - At SPU since 2018
 - B.A., Saint Lawrence University, 2011
 - Master of Arts, University of Notre Dame, 2013
 - Doctor of Philosophy, University of Notre Dame, 2014
- **Osborn, Charity** Assistant Professor of Business Law
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 - At SPU since 2013
 - Associate in Arts, Sauk Valley Community College, 1995
 - B.A., University of Illinois Urbana-, 1997
 - Juris Doctorate, University of Michigan, 2002
- **Qu, Charlotte** Assistant Professor of Accounting
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 - B.S., Nankai University, 2007
 - Master of Science, University of Michigan, 2008
 - Doctor of Philosophy, University of Michigan, 2013

- **Sawers, Kim** Professor of Accounting; Associate Dean of Undergraduate Studies
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 - B.S., Southern Oregon University, 1985
 - Master of Bus Administration, Seattle Pacific University, 1994
 - Doctor of Philosophy, University of Washington, 2002
- **Sohn, Joon** Assistant Professor of International Business
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 - At SPU since 2019
 - B.A., Sogang University, 2006
 - Master of Science, Cornell University, 2010
 - Master of Science, Cornell University, 2013
 - Doctor of Philosophy, Cornell University, 2018
- **Steinke, Gerhard** Professor of Management and Information Systems
 - [Contact Info](#)
 - At SPU since 1992
 - B.S., University of Alberta, 1975
 - Master of Bus Administration, Ball State University, 1984
 - Master of Divinity, Anderson University, 1985
 - Doctor of Philosophy, University of Passau, 1992
- **Stewart, Ross** Dean, School of Business, Government and Economics
 - [Contact Info](#)
 - At SPU since 1986
 - B.Com., University of Auckland, 1977
 - M.Com., University of Auckland, 1979
 - Master of Science, Regent College, 1983
 - Doctor of Philosophy, University of Glasgow, 1987
- **Wong, Kenman** Professor of Business Ethics
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 - At SPU since 1997
 - B.S., Biola University, 1986
 - Master of Bus Administration, University of Washington, 1987
 - Doctor of Philosophy, University of Southern Califor, 1996
- **Zhu, Caroline** Assistant Professor of Finance
 - [Contact Info](#)
 - At SPU since 2019
 - Bachelor of Business Admin, University of Wisconsin-Madiso, 2009
 - Doctor of Philosophy, Duke University, 2014

- Doctor of Philosophy, Duke University, 2014

CHEMISTRY

- **Bartlett, Kevin** Associate Professor of Chemistry
 - [Contact Info](#)
 - At SPU since 2002
 - B.S., Wheaton College, 1995
 - Doctor of Philosophy, University of Washington, 2001
- **Douglass, John** Assistant Professor of Chemistry
 - [Contact Info](#)
 - At SPU since 2018
 - Doctor of Philosophy, Rutgers - The State University, 2014
- **Grabow, Wade** Associate Professor of Chemistry
 - [Contact Info](#)
 - At SPU since 2012
 - B.S., United States Air Force Academ, 2001
 - Master of Science, University of Central Florida, 2004
 - Master of Divinity, Princeton Theological Sem, 2008
 - Doctor of Philosophy, UC Santa Barbara, 2012
- **Lee, Minhee** Assistant Professor of Chemistry
 - [Contact Info](#)
 - At SPU since 2014
 - B.S., Yonsei University, 2004
 - Doctor of Philosophy, Columbia University in the Cit, 2010
- **McFarland, Ben** Professor of Biochemistry
 - [Contact Info](#)
 - At SPU since 2003
 - B.S., University of Florida, 1996
 - Doctor of Philosophy, University of Washington, 2001
- **Mouser, John** Assistant Professor of Chemistry
 - [Contact Info](#)
 - At SPU since 2003
 - B.A., Point Loma Nazarene University, 1985
 - Doctor of Philosophy, University of Southern Califor, 1991
- **Pierce, Karisa** Professor of Chemistry
 - [Contact Info](#)
 - At SPU since 2008
 - B.S., Seattle University, 2002
 - Master of Science, University of Washington, 2004

- Master of Science, University of Washington, 2004
- Doctor of Philosophy, University of Washington, 2007

- **Schofield, Daniel** Associate Professor of Chemistry
 - [Contact Info](#)
 - At SPU since 2010
 - B.S., University of Otago, 2001
 - B.S., University of Otago, 2002
 - Doctor of Philosophy, University of Otago, 2005
- **Wood, Derek** Professor of Biology, Interim Dean, CAS-STEM
 - [Contact Info](#)
 - At SPU since 2004
 - B.S., Washington State University, 1991
 - Doctor of Philosophy, University of Arizona, 1997

CLINICAL PSYCHOLOGY

- **Bentley, Jake** Associate Professor of Clinical Psychology
 - [Contact Info](#)
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COMMUNICATION

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EDUCATION

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FAMILY AND CONSUMER SCIENCE

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HEALTH SCIENCES

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HEALTH AND HUMAN PERFORMANCE

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HISTORY

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MARRIAGE AND FAMILY THERAPY

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MUSIC

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 - At SPU since 2016
 - B.A., UC Santa Barbara, 1999
 - Master of Arts, Fuller Theological Seminary, 2002
 - Master of Arts, Yale University, 2005

- Doctor of Philosophy, Rutgers - The State University, 2012
- **McDonald, Patrick** Professor of Philosophy
 - [Contact Info](#)
 - At SPU since 2001
 - B.A., Seattle University, 1992
 - Master of Arts, University of Notre Dame, 1997
 - Doctor of Philosophy, University of Notre Dame, 2001
- **Rice, Rebekah** Associate Professor of Philosophy
 - [Contact Info](#)
 - At SPU since 2007
 - B.A., Seattle Pacific University, 1996
 - Master of Arts, University of Wisconsin-Milwau, 2000
 - Doctor of Philosophy, Brown University, 2007
- **Saunders, Leland** Associate Professor of Philosophy
 - [Contact Info](#)
 - At SPU since 2012
 - B.S., Wheaton College, 1999
 - Master of Arts, Trinity International Universi, 2002
 - Master of Arts, University of Maryland: Colleg, 2007
 - Doctor of Philosophy, University of Maryland: Colleg, 2011

PHYSICS

- **Gray, Kara** Associate Professor of Physics
 - [Contact Info](#)
 - At SPU since 2012
 - B.S., Kansas State University, 2003
 - Master of Science, Kansas State University, 2004
 - Doctor of Philosophy, University of Colorado Boulder, 2013
- **Lautenschlager, Matt** Instructor of Physics
 - [Contact Info](#)
 - At SPU since 2011
 - B.S., University of Wisconsin-Madiso, 2000
 - Master of Science, University of Washington, 2003
 - Master of Arts in Teaching, Seattle Pacific University, 2007
- **Lindberg, John** Professor of Physics
 - [Contact Info](#)
 - At SPU since 1999
 - B.A., North Park University, 1983

- B.S., North Park University, 1983
- Master of Science, University of Washington, 1986
- Doctor of Philosophy, Heriot-Watt University, 1999
- **Milligan, Kerry** Instructor of Physics
 - [Contact Info](#)
 - At SPU since 2019
 - B.S., University of Washington, 1979
 - Master of Science, University of Southern Califor, 1987
- **Robertson, Amy** Research Associate Professor of Physics
 - [Contact Info](#)
 - At SPU since 2011
 - B.S., Baylor University, 2006
 - Master of Science, University of Washington, 2008
 - Doctor of Philosophy, University of Washington, 2011
- **Seeley, Lane** Professor of Physics
 - [Contact Info](#)
 - At SPU since 2001
 - B.S., University of Puget Sound, 1994
 - Master of Science, Montana State University Bozem, 1996
 - Doctor of Philosophy, University of Washington, 2001

PSYCHOLOGY

- **Baker, Phillip** Assistant Professor of Psychology
 - [Contact Info](#)
 - At SPU since 2018
 - B.A., Eastern Mennonite University, 2007
- **Baldelomar, Oscar** Assistant Professor of Psychology
 - [Contact Info](#)
 - At SPU since 2019
 - B.A., California State University Los Ang, 1998
 - Master of Arts, California State University Los Ang, 2005
 - Master of Arts, California State University Los Ang, 2006
 - Doctor of Philosophy, University of California Los A, 2011
- **Brown, Margaret** Associate Provost for Faculty Life
 - [Contact Info](#)
 - At SPU since 2002
 - B.S., University of Washington, 1998
 - Master of Science, University of Washington, 2001

- Doctor of Philosophy, University of Washington, 2002
- **Carpenter, Tom** Associate Professor of Psychology
 - [Contact Info](#)
 - At SPU since 2014
 - Master of Arts, Baylor University, 2012
 - Doctor of Philosophy, Baylor University, 2015
- **Craft, Baine** Professor of Psychology and Biology; Dept Chair & Director of Research in Psychology
 - [Contact Info](#)
 - At SPU since 2006
 - B.S., Mississippi College, 2001
 - Master of Arts, University of Montana-Missoula, 2004
 - Doctor of Philosophy, University of Montana-Missoula, 2005
- **Kim, Paul** Associate Professor of Psychology; Living Well Faculty Scholar
 - [Contact Info](#)
 - At SPU since 2010
 - B.A., Calvin College, 2004
 - Master of Arts, University of Notre Dame, 2007
 - Doctor of Philosophy, University of Notre Dame, 2010
- **Tangenberg, Katy** Dean, School of Psychology, Family, and Community
 - [Contact Info](#)
 - At SPU since 2016
 - B.A., University of Texas at Austin, 1983
 - B.A., University of Texas at Austin, 1985
 - Master of Science, University of Texas at Austin, 1988
 - Doctor of Philosophy, University of Washington, 1998
- **Tausen, Brittany** Assistant Professor of Psychology
 - [Contact Info](#)
 - At SPU since 2016
 - B.A., Carroll College, 2010
 - Master of Science, University of Aberdeen, 2011
 - Doctor of Philosophy, University of Aberdeen, 2014
- **Vaydich, Jenny** Assistant Professor of Psychology
 - [Contact Info](#)
 - At SPU since 2015
 - B.A., Saint Olaf College, 2004
 - Master of Arts, University of Notre Dame, 2008
 - Doctor of Philosophy, University of Notre Dame, 2011
- **Webb, Marcia** Associate Professor of Psychology; Dir of Internships - PSY

- [Contact Info](#)
- At SPU since 1999
- B.A., Wheaton College, 1985
- Master of Arts, Wheaton College, 1986
- Doctor of Philosophy, Fuller Theological Seminary, 1995
- Master of Divinity, Fuller Theological Seminary, 1995

SOCIOLOGY

- **Diekema, David** Associate Professor of Sociology
 - [Contact Info](#)
 - At SPU since 1992
 - B.A., Calvin College, 1982
 - Master of Arts, University of Wisconsin-Milwau, 1985
 - Doctor of Philosophy, University of Iowa, 1990
- **McKinney, Jennifer** Professor of Sociology; Director of Women's Studies
 - [Contact Info](#)
 - At SPU since 2001
 - B.A., Kentucky Wesleyan College, 1991
 - Master of Science, Purdue University, 1995
 - Doctor of Philosophy, Purdue University, 2001
- **Mondesir, Raphael** Assistant Professor of Sociology
 - [Contact Info](#)
 - At SPU since 2014
 - B.S., Salem State University, 2005
 - Master of Arts, University of Washington, 2010
 - Doctor of Philosophy, University of Washington, 2017
- **Neuhouser, Kevin** Professor of Sociology
 - [Contact Info](#)
 - At SPU since 1996
 - B.A., Taylor University, 1980
 - Master of Arts, Indiana University Bloomington, 1986
 - Doctor of Philosophy, Indiana University Bloomington, 1990
- **Snedker, Karen** Professor of Sociology
 - [Contact Info](#)
 - At SPU since 2006
 - B.A., UC Santa Barbara, 1996
 - Master of Arts, New York University, 1999
 - Doctor of Philosophy, New York University, 2003

- **Tom, Joshua** Assistant Professor of Sociology
 - [Contact Info](#)
 - At SPU since 2017
 - B.A., University of Washington, 2009
 - Master of Arts, Baylor University, 2012
 - Doctor of Philosophy, Baylor University, 2015

THEATRE

- **Collum, Jerry** Assistant Professor of Theatre
 - [Contact Info](#)
 - At SPU since 2012
 - B.F.A., Auburn University, 1984
- **Lorig, Richard** Associate Professor of Theatre
 - [Contact Info](#)
 - At SPU since 2014
 - B.S., Northern Arizona University, 1989
 - Master of Fine Arts, Arizona State University, 1996
- **Ryder, Andrew** Professor of Theatre
 - [Contact Info](#)
 - At SPU since 2000
 - B.A., Anderson University, 1990
 - Master of Arts, Michigan State University, 1994
 - Doctor of Philosophy, Bowling Green State University, 1997
- **Vance, Candace** Assistant Professor of Theatre
 - [Contact Info](#)
 - At SPU since 2012
 - B.A., Seattle Pacific University, 1995
 - Master of Arts, Other - International College, 2005

THEOLOGY

- **Bentall, Jon** Instructor of University Foundations
 - [Contact Info](#)
 - At SPU since 2017
 - B.A., Northwest University, 2008
 - Master of Arts, Fuller Theo Seminary - Seattle, 2014
 - Doctor of Philosophy, Durham University, 2018
- **Castelo, Daniel** Professor of Dogmatic and Constructive Theology
 - [Contact Info](#)

- At SPU since 2007
- B.A., Lee University, 1998
- Master of Divinity, Pentecostal Theological Semina, 2000
- Doctor of Philosophy, Duke University, 2005
- **Douglass, Katherine** Assistant Professor of Educational Ministry and Practical Theology
 - [Contact Info](#)
 - At SPU since 2015
 - B.A., Grove City College, 2003
 - Master of Arts, Princeton University, 2007
 - Master of Divinity, Princeton University, 2007
 - Doctor of Philosophy, Princeton University, 2013
- **Drovdahl, Bob** Professor of Educational Ministry
 - [Contact Info](#)
 - At SPU since 1978
 - B.A., Seattle Pacific University, 1971
 - Master of Arts, Wheaton College, 1974
 - Doctor of Philosophy, Michigan State University, 1980
- **Holmes, Laura** Associate Professor of New Testament, Associate Dean, Graduate Studies
 - [Contact Info](#)
 - At SPU since 2010
 - B.A., University of North Carolina a, 2002
 - Master of Divinity, Princeton Theological Sem, 2005
 - Doctor of Philosophy, Princeton Theological Sem, 2011
- **Johnson Leese, J.J.** Assistant Professor of Christian Scripture
 - [Contact Info](#)
 - At SPU since 2012
 - Master of Divinity, Fuller Theological Seminary, 1995
 - Master of Sacred Theology, Concordia Seminary, 2002
 - Doctor of Philosophy, Durham University, 2014
- **Keuss, Jeff** Professor of Christian Ministry, Theology and Culture
 - [Contact Info](#)
 - At SPU since 2005
 - B.A., Seattle Pacific University, 1987
 - Master of Divinity, Fuller Theological Seminary, 1995
 - Doctor of Philosophy, University of Glasgow, 2000
- **Koenig, Sara** Professor of Biblical Studies
 - [Contact Info](#)
 - At SPU since 2003

- B.A., Seattle Pacific University, 1995
- Master of Divinity, Princeton Theological Sem, 1999
- Doctor of Philosophy, Princeton Theological Sem, 2007
- **Koskela, Doug** Professor of Theology; Associate Dean, Undergraduate Studies
 - [Contact Info](#)
 - At SPU since 2001
 - B.A., Seattle Pacific University, 1995
 - Master of Divinity, Duke University, 1998
 - Doctor of Philosophy, Southern Methodist University, 2003
- **Langford, Mike** Associate Professor of Theology, Discipleship and Ministry
 - [Contact Info](#)
 - At SPU since 2008
 - B.S., Stanford University, 1993
 - Master of Divinity, Princeton Theological Sem, 2001
 - Doctor of Philosophy, Princeton Theological Sem, 2010
- **Leong, David** Associate Professor of Missiology
 - [Contact Info](#)
 - At SPU since 2008
 - B.A., University of Washington, 2001
 - Master of Christian Ministries, Regent College, 2005
 - Doctor of Philosophy, Fuller Theological Seminary, 2010
- **Lim, Bo** Associate Professor of Old Testament
 - [Contact Info](#)
 - At SPU since 2006
 - B.A., University of California Los A, 1995
 - Master of Divinity, Trinity International Universi, 1999
 - Master of Arts, Trinity International Universi, 1999
 - Doctor of Philosophy, Trinity International Universi, 2006
- **Nienhuis, Dave** Department Chair of Chair of Christian Scriptures / Professor of New Testament Studies
 - [Contact Info](#)
 - At SPU since 1999
 - B.A., Seattle Pacific University, 1990
 - Master of Divinity, Duke University, 1996
 - Doctor of Philosophy, University of Aberdeen, 2005
- **Salter McNeil, Brenda** Associate Professor of Reconciliation Studies
 - [Contact Info](#)
 - At SPU since 2011
 - B.S., Eastern University, 1977

- B.S., Rutgers University, 1977
- Master of Divinity, Fuller Theological Seminary, 1984
- Doctor of Ministry, Palmer Theological Seminary, 2000
- **Sigler, Matt** Assistant Professor of Wesleyan Studies; United Methodist Liaison
 - [Contact Info](#)
 - At SPU since 2013
 - B.A., Huntingdon College, 2001
 - Master of Arts, Asbury Theological Seminary, 2007
 - Doctor of Philosophy, Boston University, 2015
- **Steele, Rick** Professor of Moral and Historical Theology
 - [Contact Info](#)
 - At SPU since 1995
 - B.A., Haverford College, 1974
 - Master of Divinity, Yale University, 1978
 - Doctor of Philosophy, Marquette University, 1990
- **Strong, Douglas** Dean, School of Theology
 - [Contact Info](#)
 - At SPU since 2007
 - B.A., Houghton College, 1978
 - Master of Divinity, Princeton Theological Sem, 1981
 - Doctor of Philosophy, Princeton Theological Sem, 1990
- **Wall, Rob** Paul T. Walls Professor of Scripture and Wesleyan Studies
 - [Contact Info](#)
 - At SPU since 1978
 - B.A., Valparaiso University, 1969
 - Master of Theology, Dallas Theological Seminary, 1973
 - Doctor of Theology, Dallas Theological Seminary, 1979

Applying as a Post-Baccalaureate Student

If you have been awarded a baccalaureate degree at a regionally accredited or ABHE-accredited institution and wish to complete a second undergraduate degree at Seattle Pacific University, you may apply through the transfer admissions process in [Undergraduate Admissions](#).

Required materials for admission consideration include the following:

- **Complete and submit** the [Common Application Transfer Application](#), SPU's [Transfer Application](#), or the [Nursing CAS Application](#).
- **A \$50 non-refundable application fee.**
- **An official transcript from each institution** where you completed courses that contributed to your bachelor's degree.
- **An official copy of the final transcript** from the institution that granted your baccalaureate degree (showing the granted degree).
- **Any additional transcripts** showing post-baccalaureate work.

While SPU may recognize a bachelor's degree from a school that holds accreditation from the ABHE (Association for Biblical Higher Education), the state of Washington does not recognize these institutions when issuing teaching certificates.

Therefore, post-baccalaureate students admitted to SPU from ABHE-accredited institutions that are not regionally accredited must complete an additional bachelor's degree or a master's degree along with the [Teacher Certification program](#) if they wish to obtain teacher certification in the state of Washington.

Review standards governing completion of a [second bachelor's degree](#).

Non-Matriculated International Students

In order to enroll in courses at Seattle Pacific University, non-matriculated international students (those who have not formally been admitted to the University) who are non-native English speakers must first submit an acceptable official [English proficiency test score](#) to [Student Academic Services](#) in Demaray Hall 151. In addition, non-matriculated students must submit required government documentation to [International Student Services](#) no later than the first day of the quarter in which they are enrolled.

Undergraduate international students may take no more than 45 quarter credits toward a degree without being formally admitted to Seattle Pacific University. Post-baccalaureate students are limited to 15 such credits.

Reapplying for Admission

If you have been away from SPU for fewer than four quarters (including summer) after completing courses as a matriculated student, you are still considered an “active” student at SPU. You may register for classes at SPU without completing paperwork for undergraduate admission. Any transfer work completed during your absence must be submitted to [Student Academic Services](#) on an official transcript.

If you would like to re-enroll after four consecutive quarters have passed (including the summer sessions), [you must reapply](#) to the University:

- **Fill out the Reapply form by the [deadline](#)** of your intended quarter of entry.
- **Submit transcripts** for any coursework completed at another institution while away.
- **Undergraduate Admissions will inform you** if additional credentials need to be submitted.

Note: Degrees completed during your absence will not be recognized. You will be required to complete the general education curriculum in effect at the time of your re-admission.

If you originally matriculated at SPU directly from high school and earned SPU credit but are now readmitted, you are considered a [transfer student](#). However, your class standing at time of original matriculation will determine the courses you are required to complete.

For instance, if you originally matriculated as a freshman or sophomore, you would still be expected to complete UFDN 1000 and 8 “W” credits, even if you return to SPU with junior standing.

English Proficiency Requirement

A good grasp of the English language is essential for academic success at SPU. If you are an international student and a non-native English speaker,* you must demonstrate English proficiency. You can accomplish this in several ways:

- **Take the Test of English as a Foreign Language (TOEFL).** The required minimum score is 79 on the Internet-based test (iBT).
- **Take the International English Language Testing System (IELTS)** exam. The minimum score requirement is an overall band score of 6.5.
- **Take the Pearson's Test of English (PTE Academic).** The minimum score is 56.
- **Native Japanese speakers may take the EIKEN exam.** SPU's score requirement is pre-level 1 or higher.

The English proficiency test requirement will be waived for the following applicants:

- **Students who complete level 6** at either the INTERLINK Language Center, which is housed on the SPU campus, or the Washington Academy of Languages (WAL), located nearby.
- **Post-baccalaureate applicants who earned** a bachelor's degree or higher at a regionally accredited college or university in the U.S., or at a recognized university in Australia, Canada, Great Britain, Ireland, or New Zealand.
- **An actual or anticipated AA degree holder** prior to start at SPU (inclusive of first-year and transfer applicants). Must have earned a minimum 3.0 cumulative GPA in college-level courses and have completed both English Composition I & II with a minimum 3.0/"B" grade in each class.

*SPU considers an international student to be a native English speaker if both their primary and secondary education took place in Australia, Canada (other than Quebec), Great Britain, Ireland, New Zealand, or the U.S. (other than Puerto Rico).

Note: Seattle Pacific University reserves the right to require English proficiency testing, before or after admission and matriculation, should it be deemed necessary by the University.

Applying as a Transfer Student

If you have completed any college credits **after** high school graduation and before applying for admission to SPU, you are a transfer student. Transfer students follow the procedures below:

- **Complete Seattle Pacific's [Transfer Application](#) or the [Common Application Transfer Application](#).** Students using the Common Application also must submit a \$50 non-refundable application fee and the required SPU member section.
- **Students applying to the Lydia Green Nursing Program** must apply via [NursingCAS](#) (instead of the applications listed above) and submit the associated non-refundable application fee.
- **If you are a transfer student who has completed fewer** than 45 college-level quarter credits or 30 college-level semester credits since graduating from high school, at the time of application, you must submit an official high school transcript and SAT or ACT scores with your application.
- **If you are a transfer student who has completed more than** 45 college-level quarter credits or 30 college-level semester credits, you are not required to submit high school transcripts and SAT or ACT scores for admission purposes. However, your high school transcripts and SAT or ACT scores can be useful for your placement in math courses and to prove proficiency in a foreign language.
- **You are required to send official transcripts** from all colleges and universities previously attended. These transcripts will be used for admission purposes and in order to award [transfer credit](#).

University Foundation Requirements

SPU considers the **University Foundations** requirements to be at the heart of our approach to higher education. Therefore, each transfer student is expected to complete these requirements at SPU.

- **Transfer students with junior or senior standing** upon admission will fulfill the University Foundations requirement by completing 10 credits total, including 5 credits in UFDN 3001 “Christian Scriptures” followed by 5 credits in UFDN 3100 “Christian Theology.”
- **If you have just completed the DTA associate degree through the Running Start Program** and entered SPU with junior standing, you are encouraged to complete at least one quarter at SPU before enrolling in UFDN 3001.
- **Each student who enters SPU with freshman or sophomore standing** will complete the full 15-credit Foundations sequence, which includes UFDN 1000 Christian Faith, UFDN 2000 Christian Scriptures, and UFDN 3100 Christian Theology.
- **If you have taken Bible or theology courses at a member institution of the Christian College Consortium**, up to 10 credits may be accepted toward the fulfillment of the University Foundations requirement.*
- **Transfer of credit toward Foundations requirements from any other regionally-accredited Christian college** or ABHE-accredited Bible school may be granted only by petition process. Credits from schools not regionally accredited or ABHE accredited may not fulfill University Foundations requirements.

*In all cases, students must complete at least five credits of coursework in the School of Theology (UFDN or THEO disciplines) at *Seattle Pacific University*. THEO 3100 “Community Bible Study” may not be used to fulfill this requirement.

Credit from Regionally Accredited Institutions

Seattle Pacific University endorses [the rights and responsibilities](#) regarding transfer students as established by the Washington Student Achievement Council. Your credits earned in academic areas offered by Seattle Pacific University from a recognized, regionally accredited institution will usually be accepted without discount. Information about acceptance of credit from [regionally unaccredited institutions](#) or [international institutions](#) is found elsewhere in this catalog.

Your college courses will be evaluated for transfer on a course-by-course basis to determine the transferability of the courses and to ensure that courses transfer appropriately toward general education requirements and requirements in your intended program of study.

With rare exception, students who enter with a Washington state [DTA \(Direct Transfer Agreement\) associate degree](#), or approved comparable degree from Oregon or California, are awarded 90 credits and junior class standing at entrance. These students enter SPU with all general education requirements complete except 10 credits of University Foundations (UFDN) coursework.

SPU's [Transfer Course Equivalency Guide](#) may be helpful to you as you plan courses prior to transfer or if you would like to see how courses you have already taken will transfer. If a class is not listed in the transfer equivalency guide for your institution, this does not necessarily mean that the course will not transfer. It may indicate that we have never had a student present the particular course for transfer before.

For more information about a class not listed in the equivalency guide, contact your [undergraduate admissions counselor](#) if you have not yet been admitted to SPU. If you have been admitted, you may contact your [undergraduate academic counselor](#) for more information.

As a transfer student or first-year student applying for admission to Seattle Pacific University, you must meet the following conditions, regardless of your previous institution, and be aware of the following policies:

- **You must present a separate, official transcript from each institution** of higher learning at which you completed college-level coursework.
 - Failure to disclose previous coursework taken at a regionally accredited institution is a serious offense.
- **You must be in good standing** at all prior institutions attended.
- **It is your responsibility to ensure that your final, official transcripts** reflecting all coursework and degrees completed after your admission to SPU are received by Undergraduate Admissions by the 10th day of your first quarter at SPU.
 - The absence of final coursework will affect your class standing, eligibility for financial aid, and progress toward degree completion.
- **If you are a transfer student who has successfully completed** 45 college-level quarter credits or 30 college-level semester credits from an accredited institution at the time of your application, you are not required to take the American College Test (ACT) or the College Board Scholastic Achievement Test (SAT-I).
- **The grade point average for your combined courses transferred** from each school must be "C" (2.0) or higher. This means that for every grade of "D" (1.0) accepted from an institution, there must be another grade of at least "B" (3.0) or its equivalent for an equal number of credits from that school.
- **No grade below "D" (1.0)** will be accepted from any regionally-accredited institution.
- **No grade below "C" (2.0)** will be accepted from schools outside the U.S., ABHE-accredited institutions that are not regionally accredited, nor any other institution that does not hold regional accreditation.

are not regionally accredited, nor any other institution that does not hold regional accreditation.

- **Only courses taken for a regular grade** (not “pass/fail” or “credit/no credit,” etc.) will be applied toward requirements in General Education, the Common Curriculum and Exploratory Curriculum, and toward your major and minor.
- **The minimum grade** that can be applied toward a major or minor is C- (1.7). Some majors may require a higher grade in some or all classes.
- **Transfer associate degrees earned after matriculation at SPU** will not be recognized toward fulfillment of the Exploratory Curriculum, University Core requirements, General Education, or the foreign language proficiency requirement, unless you are participating in the [Reverse Transfer Agreement](#).
- **A combined total of not more than 90 quarter credits** will be accepted from all two-year colleges, approved test programs (such as AP, Cambridge International Program, CLEP, and IB), and unaccredited schools.
 - Existing Washington, Oregon, and California community college associate degree transfer agreements will be honored as they apply to General Education requirements.
- **In transfer, a course retains the same level assigned by the school that awarded credit.**
 - This means that a lower-division (LD) course, typically numbered 100–299 or 1000–2999, will transfer as a lower-division course, even if the course, in content, is considered equivalent to an upper-division (UD) course at SPU, numbered 3000–4999.
- **No more than 45 quarter credits** will be accepted from [approved testing programs](#) (such as AP, Cambridge International, CLEP, and IB).
- **Usually credit will be awarded without regard to the date** at which the course was completed.
 - In some degree programs, especially in scientific and professional subjects, you may be required to repeat a course in order to acquire current knowledge or to refresh your knowledge.
- **You will not be awarded credit twice** for the same course material.
- **Credits in excess of 20 quarter credits in any one term** will not be transferred. This includes courses taken concurrently by media, correspondence, or extension at more than one institution, as well as non-credit courses.
- **To be eligible for a degree**, you are required to earn a minimum of 45 credits in residence at SPU, including no fewer than 15 upper-division credits in your major (more, if specified by the major), and at least 5 credits that fulfill SPU Foundations requirements. [See individual majors](#) for additional degree requirements.
- **Independent study, internship, field experience, and practicum courses** generally do not transfer unless an SPU faculty member, upon reviewing a course, requests that it transfer toward a specific program.
- **Credits will not be transferred** for experiential learning or work experience.
- **Questions about how courses have transferred** to SPU (or not transferred) should be directed to your [undergraduate academic counselor](#).

See also [Transfer Student and SPU Rights and Responsibilities](#).

University Medical Insurance Plan

All students studying at SPU on a visa are required to enroll in the University student medical insurance plan year-round (including vacation periods). Students who have not received an insurance waiver will automatically be charged the health insurance premium fee.

Exceptions to this policy are made for students who are fully sponsored by an official organization in their home country. However, fully sponsored students who fail to provide updated, active health insurance information to the [International Student Services](#) office by the 5th day of each quarter automatically will be registered in the SPU health insurance vendor plan for that quarter. It is the students' responsibility to pay the health insurance premium.

Though health insurance for students' dependents is not required, it is strongly recommended and can be purchased directly through the [SPU insurance vendor](#).

Undocumented students may contact [Health Services](#) office for medical insurance information and guidance.

Transfer Credits

Our goal is to award maximum credit for scores on approved exams and for coursework from regionally-accredited institutions, while simultaneously ensuring that we maintain the high standards of a Seattle Pacific degree.

As part of the application process, transfer students must submit an official transcript from each institution of higher education at which credit was earned. First-year students who completed college credits while in high school, through dual-credit programs such as Running Start and College in the High School or through direct enrollment at a college or university, also must submit official transcripts from each institution at which credit was earned. These college-level transcripts are not required from first-year students until after they have been admitted to SPU.

Official transcripts will be used to award credit for past college-level coursework and to determine placement in some advanced courses.

Credit for approved standardized exams will be awarded based on official score reports sent directly from the testing program, using SPU's credit-granting criteria.

Detailed information about how your exams, college-level classes, and two-year degrees may transfer is found at the links below:

- [Transfer credit from regionally-accredited institutions](#)
- [Credit from regionally-unaccredited institutions](#)
- [Acceptance of two-year degrees](#)
- [Exams and advanced standing](#)

Credit for military service is limited to 3 credits of physical activity awarded for basic training.

Credit will not be transferred for experiential learning or work experience.

If you have questions about how your courses or exams have transferred, contact your [undergraduate academic counselor](#).

Credit from Regionally Unaccredited Institutions

While the absence of accreditation raises questions concerning the nature and quality of an institution's programs, SPU recognizes that institutions may not seek accreditation for a variety of reasons related to mission, sponsoring entity requirements, etc. SPU will, therefore, review credentials from unaccredited U.S. institutions* for potential transfer of credit at your request, provided the institution:

- **Is a degree-granting institution** and normally provides a transcript of academic work.
- **Uses a grading system** to evaluate learning.
- **Is an educational institution officially recognized** by a U.S. federally recognized, non-regional accrediting agency.

You must include an official transcript and copy of the unaccredited institution's catalog or the website where the catalog may be found, along with a written request for review.

If SPU determines that an institution's credits are acceptable, specific credits may be transferred with the following limitations and conditions:

- **Only college-level academic courses will be transferred.** Vocational, technical, and practicum/internship courses will be transferred only with faculty approval.
- **To be accepted**, a course must have received a grade of C (2.0) or better.
- **Courses may be applied toward** Exploratory Curriculum, University Core, Academic Inquiry and Disciplinary Writing (WRI) and foreign language requirements if course content is comparable to that of SPU courses that fulfill these categories, as determined by designated faculty members.
- **A maximum of 15 credits** in biblical studies, theology, or church history may be accepted by the University, and will transfer as elective credits only.
- **No credits may be applied** to University Foundations requirements.
- **Application of credits to major requirements** is a determination made by faculty in the individual discipline.
- **The maximum number of credits transferred**, when combined with credit for community and technical college courses and testing programs, will not exceed 90.

Except as outlined above, [the conditions for students entering from accredited colleges](#) will apply. If you are transferring from an unaccredited college, you may be required to present acceptable scores on either the College Board Scholastic Aptitude Test (SAT-I) or the American College Test (ACT).

*[See how credit from international institutions transfers.](#)

Our Educational Philosophy

At Seattle Pacific University we are committed to an academically rigorous education that prepares students for an increasingly complex, global, and multicultural world. Through our curriculum we seek to carefully investigate the critical issues of our time and offer thoughtful and Christian insight to these issues.

Our faculty and staff are committed teachers and learners, dedicated to mentoring students through both curricular and co-curricular experiences. We are convinced that education best occurs within a relational context between the teacher, student, and subject matter. We therefore prize the relationships among faculty, staff, and students.

We are committed to a [holistic and transformative student experience](#) where each student has multiple opportunities for spiritual, physical, emotional, vocational and character development. Our student life offices and organizations, residence life programs, student leadership, university ministries, study abroad office, and athletics partner with our faculty and academic units to provide a variety of learning opportunities in rich learning environments.

OUR CURRICULUM

Seattle Pacific University is a comprehensive university that offers a liberal arts education grounded in the Christian faith. This education is one that empowers students to live in a complex, diverse world by:

- **Providing multiple opportunities** for intellectual and personal development.
- **Developing skills** in critical and analytical thinking; problem solving; communication; and the ability to apply those skills in real-world settings.
- **Emphasizing** broad knowledge of humanities, arts, social sciences, sciences, and quantitative reasoning.
- **Providing opportunity** for in-depth achievement in a specific field of interest.

We offer 72 majors and 63 minors across the humanities, arts, social sciences, STEM (science, technology, engineering and mathematics), and professions such as nursing and education. The SPU curriculum requires that all students complete at least one major field of study along with their [General Education](#) requirements.

The General Education program has two different tiers. The first tier is the **[Common Curriculum](#)**, which provides common intellectual experiences for students. The Common Curriculum consists of:

- **The University Colloquium** completed in the first quarter at Seattle Pacific.
- **Two academic inquiry and writing classes** completed in the first year.
- **Three University Foundation courses**, where students study and reflect on the Christian life, Scriptures, and Christian theology.
- **Two Core courses** that examine the intersections of Christian faith with contemporary society and thought.

Through courses in the second tier of the General Education program, the **[Exploratory Curriculum](#)**, students learn to understand the world through study in the humanities, the arts, social sciences, sciences, and quantitative reasoning. These courses provide an opportunity to apply new-found knowledge to current issues and problems.

Our curriculum is planned and taught by the SPU faculty. We employ close to 220 regular teaching faculty with

advanced degrees and professional qualifications in their respective disciplines. They are committed to teaching excellence and student success.

Because we believe that academic growth is best fostered in a relational context, many of our classes are conducted in learning environments that encourage collaborative and active learning. To further strengthen relationships, our professors also serve as academic advisors to our students.

CORE THEMES

Our Core Themes frame our educational goals for our students and are directly derived from our [University's mission statement](#). These Core Themes are as follows:

- Academic Excellence and Relevance
- Transformative and Holistic Student Experience
- Vital Christian Identity and Purpose

Admissions



Located in a quiet residential neighborhood, Seattle Pacific University has a parklike campus that houses a university community that combines the latest technology with long-standing traditions. It's a leading Christian university only a few minutes from Seattle's bustling, cosmopolitan city center, giving students an opportunity to gain real-world experiences in their chosen majors.

Seattle Pacific admits students who have academic characteristics that show preparedness for their chosen programs and who exhibit personal qualities that will contribute to the University's mission.

- **SPU admits students without discrimination** as to race, color, nationality, creed, age, or sex, in line with our original charter.
- **A strong college preparatory program in high school is recommended** and prepares students for success at the university level.
- **In addition to academic ability**, factors such as intellectual curiosity, goals, leadership, responsibility, personal and social adjustment, Christian commitment, and a desire to serve the community are considered.

APPLICATION FOR ADMISSION

Review the specific information you need to apply to Seattle Pacific University:

- [First-year Students](#)
- [Transfer Students](#)
- [International Students](#)
- [Post-baccalaureate Students](#)
- [Students Reapplying for Admission](#)

QUESTIONS?

Do you have questions about admission to Seattle Pacific? Would you like to visit campus? Contact [Undergraduate Admissions](#) at 800-366-3344 or admissions@spu.edu.

Other Washington State Associate Degrees

ASSOCIATE OF SCIENCE-TRANSFER DEGREE OPTIONS 1 AND 2

While SPU recognizes the Associate of Science-Transfer (AS-T) degree, Option 1 and Option 2, from Washington state community and technical colleges, the AS-T does not fulfill the same general education requirements as the Direct Transfer Agreement (DTA) associate degree. The primary purpose of the AS-T degrees is to help you complete most of the lower-division coursework for your science major before you transfer, so you are prepared to begin taking junior-level courses in your program.

At least 15 credits of your transfer coursework in humanities and social sciences will be used to fulfill SPU's humanities and social science or UCOR (University Core) requirements, whether or not the courses match SPU requirements on a course by course basis. However, **you will need to complete additional general education and University requirements prior to graduation.**

If you have earned, prior to matriculation at SPU, an Associate of Science-Transfer degree, Option 1 or 2, you will generally enter with junior standing, in which case you will be required to take only two of the three required University Foundations courses, UFDN 3001 Christian Scriptures and UFDN 3100 Christian Theology.

ASSOCIATE OF APPLIED SCIENCES-TRANSFER AND OTHER PROFESSIONAL/TECHNICAL ASSOCIATE DEGREES

If you have earned, prior to matriculation at SPU, an (AAS-T) Associate of Applied Science-Transfer degree from a Washington state community or technical college, you are eligible to apply for admission to the Professional Studies program. Students in the [Professional Studies Program](#) follow an alternative degree curriculum. Transfer classes will be reviewed on a course-by-course basis toward completion of any general education requirements.

Students admitted to this program must complete an academic minor at SPU and earn a "Professional Studies" major in recognition of their previously-completed associate's degree.

If you have earned a professional or technical degree other than the AAS-T from a Washington state community or technical college, you are eligible to apply for the Professional Studies Program if you have earned a minimum GPA of 2.5 in at least 20 college level liberal arts credits from the academic areas of English Composition, Arts and Humanities, Social Sciences, Natural Sciences, and Mathematics.

Generally, students admitted to the Professional Studies Program enter SPU with 90 credits and junior standing.

Entrance Programs After Accepting Admission

If you have accepted an offer of admittance to Seattle Pacific University for Autumn Quarter, you will complete New Student Advising in the late spring or the summer before Autumn Quarter, and attend Orientation in the days prior to the beginning of the academic year.

Both the New Student Advising session and the Orientation event are required and provide you with the essential information for a successful transition to University life. If you have been admitted for Winter or Spring quarter or for Summer Sessions, visit the [Off-Quarter Students](#) website for the information you need.

NEW STUDENT ADVISING

All new undergraduate students, including transfer students, receive initial advising and register for classes as part of [New Student Advising](#) (NSA) before the first quarter of matriculation.

Through the NSA program, you'll have the option of coming to campus for an advising session, participating in an advising appointment over the phone or via email, or participating in direct registration — an option that allows faculty and staff to choose your schedule for you, based on your preferences.

Once you have completed the NSA program, you will be prepared to go through Orientation in the autumn.

Students who enter Seattle Pacific University in Winter Quarter or Spring Quarter, or during the Summer Sessions, meet individually with an undergraduate academic counselor to select and register for their first quarter of classes.

ORIENTATION

Autumn Quarter [Orientation](#) includes five days of orientation to the academic and social community of SPU. Brief orientation sessions are offered Winter Quarter and Spring Quarter.

In addition to the orientation program for all new students, new international students are required to participate in International Student Orientation.

All these sessions are designed to help you prepare for the academic, spiritual, and social life at SPU. They also offer opportunities for you to become better acquainted with the University and its programs of study, and to meet faculty and classmates.

INTERNATIONAL STUDENT ORIENTATION

All students attending SPU on a visa are required to attend [International Student Orientation](#). This orientation is typically held the week prior to the beginning of the new quarter. New students will be notified via their SPU email of the date and time of this orientation.

Undergraduate international students new to SPU are required to attend the all-student orientation in addition to International Student Orientation. Information will be provided to new students by the Office of Student Involvement and Leadership regarding the date, time, and location of all-student orientation.

Exams and Advanced Standing

ADVANCED STANDING

If you are a matriculated student at Seattle Pacific University, you may earn up to 45 quarter credits through university-recognized testing and advance credit programs. Recognized testing programs are limited to the following:

- [Advanced Placement Testing Program](#) (AP)
- [Cambridge International Program A-Level Exams](#) (CIP)
- [College Level Examination Program](#) (CLEP)
- [International Baccalaureate Higher-Level Exams](#) (IB)
- [International Baccalaureate Standard-Level Exams](#) (IB)
- [International High School 13th Year Exams](#)
- [SPU's Credit by Examination](#)

Credits are awarded only from official documents and using SPU's awarding criteria. Awarding criteria may change from year to year. You will be granted credit based on the criteria in effect during the catalog year you enter Seattle Pacific University.

Combined credit for all international 13th year and test programs, including SPU's Credit by Examination, cannot exceed 45 quarter credits. Examination credits and international 13th year credit — combined with credit from community colleges, technical colleges, and unaccredited colleges — cannot exceed 90 quarter credits.

College Level Examination Program (CLEP)

If you have completed CLEP exams with minimum scores in the 50th percentile (C grade range), you may be eligible to receive 5 quarter credits for each exam. SPU does not award credit for all CLEP exams. An up-to-date listing of credit offered for CLEP tests is available on the [Online Equivalency Guide](#).

Accepting Your Offer of Admission

After you have applied to Seattle Pacific, you will ultimately receive a letter of your acceptance or denial of admission to the University.

To accept an offer of admission for Autumn Quarter, follow the steps below. If you have been admitted for Winter or Spring quarter or a Summer Session, you'll find the information you need on the [Off-Quarter Students](#) website.

- **Make your \$200 enrollment deposit** as your acknowledgment of intention to enroll.
 - [Submit this payment online](#) through the Office of Undergraduate Admissions.
 - Payment received on or before the communicated deadlines guarantees you a place in the entering class and allows you to register for classes.
 - This payment is credited to your account and applied toward your initial tuition payment.
 - Submit your advance payment on or before May 1, the National Candidates Reply Date.
 - Refunds are granted upon written request, but written requests must be received before May 1.
 - Refunds are not granted if the request is received after May 1.
- **Sign up for [New Student Advising](#)**, and complete the tutorials once they are available in April.
- **Register for campus housing.**
 - Beginning in April, admitted undergraduates are mailed detailed housing materials, including information on the housing application process and \$300 room deposit.
 - Students admitted after April 1 will be sent a housing packet within two weeks of their admission date.
- **Fill out and submit the medical health history and immunization form** you will receive, along with instructions, after your advance payment is received.
 - This medical history is required of students who (1) are entering SPU for the first time, (2) are returning after an absence of more than one calendar year, or (3) have previously attended Summer Session(s) but are entering regular University classes for the first time.
 - A registration hold is placed on a student's account until these forms are completed and received by Health Services.
 - Medical insurance information is available in [Health Services](#).
 - Additional next steps for enrollment can be found at spu.edu/nextsteps.

Cambridge International Program (CIP) A-level Exams

How Cambridge International Program (CIP) exams transfer

If you are interested in receiving credit for Cambridge International Program (CIP) A-level exams, you should have an official score report sent to [Undergraduate Admissions](#) at SPU. If you completed an exam for a subject not listed below, alert [Undergraduate Admissions](#) and they will ensure that the subject is reviewed for transfer.

The chart below indicates how A-level exam grades presented on an official score report are accepted. SPU does not award credit for either O-level or AS-level exams. The letters in parentheses indicate the grade(s) that will result in credit for a given exam. No grade below C will result in credit. (LD) means lower-division credit, the level of courses primarily completed during the first two years of college.

View [Exploratory Curriculum Requirements](#) here to see how your exams may work toward fulfilling General Education requirements. Keep in mind that beyond General Education and major requirements you may need quite a few elective credits to complete your degree.

If you believe an exam for which you receive SPU credit also may fulfill major requirements, contact the appropriate department for a review.

Note: Combined credit for all test programs and 13th year advanced standing cannot exceed 45 quarter credits.

CIP exam subject	Credit and Scores	Exploratory Curriculum	SPU acceptance
Accounting	10 (for A, B, or C)	None	ACCT 2361 and 2362
Art and Design	5 (for A, B, or C)	WKA	ART 1180
Biology	5 (for A)	WKFS	Elective (LD)
Business Studies	5 (for A, B, or C)	None	BUS 2000 (no WE)
Chemistry	5 (for A or B)	WKFS	CHM 1211
Computer Science	5 (for A, B, or C)	WKAS	CSC 1010
Economics	10 (for A)	WKSS	ECN 2101 and 2102
Economics	10 (for B or C)	WKSS	Elective (LD)
English	10 (for A or B)	None	Elective (LD)
English Literature	10 (for A, B, or C)	WKH	Humanities
Geography	5 (for A, B, or C)	WKSS	Elective (LD)
History	10 (for A, B, or C)	WKSS	History elective (LD)
Mathematics (US)	15 (for A or B)	WKQR	MAT 1110, 1221, and 5 cr MAT lower-division ele
Mathematics - Further	8 (for A or B)	WKQR	MAT 2401 and MAT 2360
Physics	15 (for A, B, or C)	WKFS	PHY 1121, 1122, and 1123
Psychology	10 (for A, B, or C)	WKSS	PSY 1180 and 5 cr PSY Elective (LD)
Sociology	5 (for A, B, or C)	WKSS	Elective (LD)
Modern Languages			
Arabic	5 (for C)	Foreign Lang met	Elective (LD)
Arabic	10 (for B)	Foreign Lang met	Elective (LD)

Arabic	15 (for A)	Foreign Lang met	Elective (LD)
Chinese	5 (for C)	Foreign Lang met	CHN 1103*
Chinese	10 (for B)	Foreign Lang met	CHN 1103*
Chinese	15 (for A)	Foreign Lang met	CHN 1103*
French	5 (for C)	Foreign Lang met	FRE 1103*
French	10 (for B)	Foreign Lang met	FRE 1103*
French	15 (for A)	Foreign Lang met	FRE 1103*
German	5 (for C)	Foreign Lang met	Elective (LD)
German	10 (for B)	Foreign Lang met	Elective (LD)
German	15 (for A)	Foreign Lang met	Elective (LD)
Spanish	5 (for C)	Foreign Lang met	SPN 1103*
Spanish	10 (for B)	Foreign Lang met	SPN 1103*
Spanish	15 (for A)	Foreign Lang met	SPN 1103*
All AS-Level Exams	0 for any grade	SPU does not award credits	
All O-Level Exams	0 for any grade	SPU does not award credits	

*Consult with the academic department regarding placement or major requirements.

Acceptance of Two-Year Degrees

Whether or not you transfer with an associate's degree, we will appropriately transfer your coursework to ensure that you earn your SPU bachelor's degree as quickly and efficiently as possible.

If you intend to complete an associate's degree before transferring to SPU, talk to an admissions or academic counselor to ensure that you choose the degree that best fits your plans.

If you plan to transfer when you have 20 credits or fewer to complete toward a Direct Transfer Agreement (DTA) associate degree from a Washington state community or technical college, see information below about SPU's reverse transfer agreement.

- [DTA and Comparable Degrees](#)
- [Reverse Transfer Agreement](#)
- [Other Washington State Associate Degrees](#)

Undergraduate Degree Requirements



If you are completing your first four-year undergraduate degree, your requirements are found under [Baccalaureate Degree Requirements](#).

If you have already completed a recognized undergraduate degree and have been admitted as a post-baccalaureate student, your degree requirements are found under [Post-Baccalaureate Degree Requirements](#).

Reverse Transfer Agreement

If you are within 20 credits of earning a DTA associate degree at a Washington state two-year school when you transfer to SPU, you may be eligible to participate in SPU's [Reverse Transfer DTA Agreement](#) (PDF).

Students participating in this program complete their final courses for the DTA associate's degree at SPU and transfer them back to the community or technical college. Once SPU has received an official transcript from the two-year school indicating that the degree has been awarded, students receive the transfer benefits of the DTA degree.

Contact your SPU [undergraduate academic counselor](#) to discuss this option.

International Baccalaureate Standard-Level Exams

How standard-level International Baccalaureate exams transfer

If you are interested in receiving credit for International Baccalaureate exams, you should have an official score report sent to [Undergraduate Admissions](#) at SPU. If you completed an exam for a subject not listed below, alert [Undergraduate Admissions](#) and they will ensure that the subject is reviewed for transfer.

The chart below indicates how International Baccalaureate **Standard-Level** Exam scores presented on an official score report are accepted at SPU. (See SPU's credit granting policies for International Baccalaureate **Higher-Level** Exam scores [here](#).) The numbers in parentheses indicate the score(s) required in order to receive credit. (LD) means lower-division credit, the level of courses primarily completed during the first two years of college.

All Standard-Level exams with a score of 4 or higher will receive 5 lower-division elective credits. No score below 4 will result in credit. Keep in mind that beyond General Education and major requirements you may need quite a few elective credits to complete your degree.

If you believe an exam for which you receive credit from SPU also may fulfill major requirements, contact the appropriate department for a review.

Note: Combined credit for all test programs and 13th year advanced standing cannot exceed 45 quarter credits.

IB exam subject	Credit and Scores	Exploratory Curriculum	SPU acceptance
Anthropology	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Arabic B	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Art Design	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Biology	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Business and Management	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Business Organization	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Chemistry	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Chinese, Mandarin B	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Classical Languages	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Computer Science	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Dance	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Design Technology	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Economics	5 (for 4, 5, 6 or 7)	None	Elective (LD)
English A-1	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Environmental Systems and Societies	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Film	5 (for 4, 5, 6 or 7)	None	Elective (LD)
French B	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Geography	5 (for 4, 5, 6 or 7)	None	Elective (LD)
German B	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Global Politics	5 (for 4, 5, 6 or 7)	None	Elective (LD)
History	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Indonesian B	5 (for 4, 5, 6 or 7)	None	Elective (LD)

Italian B	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Info Tech Global Society	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Japanese B	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Language A	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Language B	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Malay B	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Mathematical Studies	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Mathematics	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Music	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Near East	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Philosophy	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Physics	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Psychology	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Russian B	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Spanish B	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Sports, Exercise, & Health Sciences	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Swahili B	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Theatre	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Visual Arts	5 (for 4, 5, 6 or 7)	None	Elective (LD)
World Religions	5 (for 4, 5, 6 or 7)	None	Elective (LD)

Graduation Requirements and Policies

All students completing a first bachelor's degree at Seattle Pacific University are governed by the following requirements and policies:

REQUIREMENTS

- **A minimum of 180 college-level** quarter credits.
- **At least 60 credits earned in upper-division (UD) courses** (those numbered 3000–4999), including at least 23 in the major.
- **At least 45 college-level credits earned in residence** as a matriculated student, including at least 15 in the major and 10 in a minor. (Credits earned through [Credit by Examination](#) at SPU do not satisfy the residence requirement.)
- **At least 25 of your final 45 credits for the degree** must be earned through SPU, with the exception of approved [study abroad](#) credits.
- **Satisfactory completion of your academic [major](#).**
 - **Satisfactory completion of a second major** if the student is completing the BA in Honors Liberal Arts major.
- **Completion of all [general education requirements](#).**
- **Demonstration of competency in a foreign language**, either through coursework or one of the means outlined under [Foreign Language Competency](#).
- **Completion of the “[W](#)” requirement.** This requirement is different than and separate from the Academic Inquiry and Writing requirement.
- **Completion of the Cultural Understanding and Engagement ([CUE](#)) requirement.**
- **A cumulative grade point average of at least 2.0** in all courses applicable to the degree.
- **A cumulative grade point average of at least 2.0** in all college-level courses taken at SPU.

POLICIES

- **With the exception of courses from pre-approved study abroad programs**, no more than 30 credits may be earned from another institution after a student has matriculated at SPU.
- **You must gain pre-approval for transfer credit from an academic counselor** before enrolling at any other institution.
- **[Transfer credit policies](#)** are found in the Admissions section of this catalog.
- **You may not take courses concurrently from SPU and another institution** during the regular academic year (Autumn through Spring quarters) unless participating in an approved study abroad program.
- **“Pass” grades do not fulfill requirements** in the major or minor, in the General Education curriculum (except UCOL 1000 University Colloquium), or in the University Scholars curriculum.
- **All degree requirements for a major or minor** are determined by the Undergraduate Catalog in effect when you are accepted to the major or minor.
 - **For example, if you are accepted** to a major in Autumn Quarter 2019, you are subject to all major requirements listed in the 2020–21 Undergraduate Catalog.
- **New students may enter most majors at SPU during their first quarter of attendance** using the online [Major or Minor Application form](#).
- **Students are encouraged to apply for a major** no later than April of their sophomore year, or as soon as they

Students are encouraged to apply for a major no later than 7/31 of their sophomore year, or as soon as they are eligible based on that major's admission policies and procedures.

- **Transfer students who enter as juniors or seniors** should apply to a major as soon as they are eligible based on that major's admission policies and procedures.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses.
- **You may repeat an SPU course only once for a higher grade.**
- **Major and minor applications** are available online in Banner, in most cases.
- **The quarter in which you complete your final degree requirements** will be listed as your quarter of graduation.
- **The official record of your degree completion** is the official SPU academic transcript.
- **Certain limitations on credit toward a degree apply.**

College Level Examination Program (CLEP)

If you have completed CLEP exams with minimum scores in the 50th percentile (C grade range), you may be eligible to receive five quarter credits for each exam. If you are interested in receiving credit for a CLEP exam, have an official score report sent to SPU directly from the testing program.

SPU does not award credit for all CLEP exams. An up-to-date listing of credit offered for CLEP tests is available on the [Online Equivalency Guide](#).

Combined credit for all test programs and 13th year advanced standing cannot exceed 45 quarter credits.

General Education

The General Education program, designed to help students pursue the path of wisdom and engage the culture with the gospel of Jesus Christ, is at the heart of the liberal arts education at Seattle Pacific University. It is made up of two parts:

- [Common Curriculum](#)
- [Exploratory Curriculum](#)

Baccalaureate Degree Requirements

- **The Undergraduate Catalog under which you are admitted to SPU** serves as the official record of admission, general academic, and general graduation requirements, with the exception of standards governing the completion of your major and/or minor.
- **The quarter in which you are accepted into a major or minor** by the school or department offering the major or minor will determine the Undergraduate Catalog from which the major and/or minor requirements will be applied.
- **Degrees are awarded and posted** to your transcript based on the quarter in which you fulfill all degree requirements. Your degree will be posted within one quarter after your last quarter of enrollment.
- **All students are provided with academic advising**, however the responsibility to fulfill all degree requirements rests with each individual student. Advising by University personnel inconsistent with statements published in this catalog are not binding.

GENERAL EDUCATION CURRICULUM REQUIREMENTS

Most undergraduate students entering Seattle Pacific University during the 2020–21 academic year follow the standard general education curriculum to complete their undergraduate degrees. Students in the [Honors/University Scholars Program](#) fulfill the general education component of their degree through the Honors Liberal Arts major, and those admitted to the Professional Studies Program complete the [curriculum for special programs](#).

The standard general education curriculum includes:

- **The [Common Curriculum](#)**, which consists of the University Colloquium, Academic Writing, University Core, University Foundations, and Senior Capstone courses
- **The [Exploratory Curriculum](#)**, including Ways of Knowing and Ways of Engaging courses

If you are a transfer student who, prior to first matriculation at SPU, completed a Direct Transfer Agreement (DTA) associate degree through a community college in Washington or a recognized comparable degree from Oregon, or California, find out how [these particular degrees](#) may apply toward fulfillment of SPU's baccalaureate degree requirements. Information about how the [Associate in Science-Transfer](#) (AST) degrees apply to your degree is found in the Admissions section of this catalog. If you transferred to SPU without completing an associate degree, consult the [Transfer Equivalency Guide](#) to see how your courses may transfer toward SPU degree requirements.

Associate degrees earned after your initial matriculation at SPU will not be recognized, unless you are an official participant in the [Reverse Transfer DTA](#) associate degree agreement.

Policies governing transfer of credits are found in the [Transfer Students](#) section of this catalog, with additional information listed under [Enrollment at Other Institutions](#) for those taking credits elsewhere after matriculation at SPU.

Advanced Placement Exams (AP)

How AP exams transfer

If you are interested in receiving credit for AP exams, you should have an official score report sent to [Undergraduate Admissions](#) at SPU. If you completed an exam for a subject not listed below, alert [Undergraduate Admissions](#) and they will ensure that the subject is reviewed for transfer.

The chart below indicates how Advanced Placement exam scores presented on an official score report are accepted at SPU. The numbers in parentheses indicate the score(s) required in order to receive credit. No score below 3 will result in credit. (LD) means lower-division credit, the level of courses primarily completed during the first two years of college.

View [Exploratory Curriculum Requirements](#) here to see how your exams may work toward fulfilling General Education requirements. Keep in mind that beyond General Education and major requirements you may need quite a few elective credits to complete your degree.

If you believe an exam for which you receive credit from SPU also may fulfill major requirements, contact the appropriate department for a review.

Note: Combined credit for all test programs and 13th year advanced standing cannot exceed 45 quarter credits.

AP exam subject	Credits and (Scores)	Exploratory Curriculum	SPU acceptance
Art History	5 (for 3, 4, or 5)	WKA	Arts
Biology	5 (for 3)	None	Elective (LD)
Biology	5 (for 4, 5)	WKFS	BIO 1101
Calculus AB	5 (for 3)	None	Elective (LD)
Calculus AB	5 (for 4, 5)	WKQR	MAT 1234
Calculus BC	5 (for 3 with AB subscore of 3)	None	Elective (LD)
Calculus BC	5 (for 3 with AB subscore of 4 or 5)	WKQR	MAT 1234
Calculus BC	10 (for 4, 5)	WKQR	MAT 1234, 1235
Capstone: Research	5 (for 3, 4, or 5)	None	Elective (LD)
Capstone: Seminar	5 (for 3, 4, or 5)	None	Elective (LD)
Chemistry	5 (for 3)	None	Elective (LD)
Chemistry	5 (for 4)	WKFS	CHM 1211
Chemistry	10 (for 5)	WKFS	CHM 1211 and 1212
Chinese Lang and Culture	5 (for 3)	None	CHN 1102
Chinese Lang and Culture	10 (for 4)	Foreign Lang met	CHN 1103 and 1104
Chinese Lang and Culture	15 (for 5)	Foreign Lang met	CHN 1103, 1104, and 1105
Comparative Government and Politics	5 (for 3, 4, or 5)	WKSS	POL 2320
Computer Science A	5 (for 3, 4, or 5)	WKAS	Applied Science
Computer Science Principles	5 (for 3)	None	Elective (LD)
Computer Science Principles	5 (for 4, 5)	WKAS	CSC 1010
English Language and Composition	5 (for 3, 4, 5)	None	Elective (LD)
English Literature and Composition	5 (for 3)	None	Elective (LD)
English Literature and Composition	5 (for 4, 5)	WKH	Humanities
Environmental Science	5 (for 3)	None	Elective (LD)
Environmental Science	5 (for 4, 5)	WKAS	Applied Science

European History	5 (for 3, 4, or 5)	WKSS	History elect
French Lang and Culture	5 (for 3)	None	FRE 1101 anc
French Lang and Culture	10 (for 4)	None	FRE 1101 anc
French Lang and Culture	15 (for 5)	Foreign Lang met	FRE 1103*
German Lang and Culture	5 (for 3)	None	Elective (LD)
German Lang and Culture	10 (for 4)	None	Elective (LD)
German Lang and Culture	15 (for 5)	Foreign Lang met	Elective (LD)
Human Geography	5 (for 3, 4, or 5)	WKSS	Social Scienc
Italian Lang and Culture	5 (for 3)	None	Elective (LD)
Italian Lang and Culture	10 (for 4)	None	Elective (LD)
Italian Lang and Culture	15 (for 5)	Foreign Lang met	Elective (LD)
Japanese Lang and Culture	5 (for 3)	None	Elective (LD)
Japanese Lang and Culture	10 (for 4)	None	Elective (LD)
Japanese Lang and Culture	15 (for 5)	Foreign Lang met	Elective (LD)
Latin	5 (for 3)	None	LAT 1102
Latin	5 (for 4)	Foreign Lang met	LAT 1103*
Latin	10 (for 5)	Foreign Lang met	LAT 1103*
Macroeconomics	5 (for 3, 4, or 5)	WKSS	ECN 2102
Microeconomics	5 (for 3, 4, or 5)	WKSS	ECN 2101
Music Theory	5 (for 3, 4, or 5)	WKA	MUS 1050
Physics 1	5 (for 3)	None	Elective (LD)
Physics 1	5 (for 4, 5)	WKFS	PHY 1101
Physics 2	5 (for 3)	None	Elective (LD)
Physics 2	10 (for 4, 5)	None	PHY 1102 an
Physics C: Electricity & Magnetism	5 (for 3)	None	Elective (LD)
Physics C: Electricity & Magnetism	5 (for 4, 5)	None	PHY 1123
Physics C: Mechanics	5 (for 3)	None	Elective (LD)
Physics C: Mechanics	5 (for 4, 5)	WKFS	PHY 1121
Psychology	5 (for 3, 4, or 5)	WKSS	PSY 1180
Spanish Language and Culture	5 (for 3)	None	SPN 1102
Spanish Language and Culture	10 (for 4)	Foreign Lang met	SPN 1102, ar
Spanish Language and Culture	15 (for 5)	Foreign Lang met; WKH	SPN 1102, 11
Spanish Literature and Culture	5 (for 3, 4, or 5)	WKH	Humanities
Statistics	5 (for 3)	None	Elective (LD)
Statistics	5 (for 4, 5)	WKQR	MAT 2360
Studio Art: Drawing	5 (for 3)	None	Elective (LD)
Studio Art: Drawing	5 (for 4, 5)	WKA	ART 1102
Studio Art: 2-D Design	5 (for 3)	None	Elective (LD)
Studio Art: 2-D Design	5 (for 4, 5)	WKA	ART 1102
Studio Art: 3-D Design	5 (for 3, 4, 5)	None	Elective (LD)
United States Government and Politics	5 (for 3, 4, or 5)	WKSS	POL 1120
United States History	5 (for 3, 4, or 5)	WKSS	History elect
World History	5 (for 3, 4, or 5)	COR2	UCOR 2000

*Consult with the academic department regarding placement or major requirements.

“W” Requirement

Writing (“W”) courses (typically 3000- and 4000-level) build upon your earlier work in WRI 1000 Academic Inquiry and Writing Seminar and WRI 1100 Disciplinary Research and Writing Seminar by providing instruction in the technical and stylistic requirements of writing appropriate to a particular discipline.

These courses have a substantial writing component. Students write at least two papers and a minimum of 3,000 words (about 12 double-spaced pages) of final-draft prose. Faculty members spend at least one class period providing instruction in writing, and they evaluate written work for both content and form — not only for what is said, but also for how it is said. These courses provide opportunities for revision, as well.

- **If you enter SPU with freshman or sophomore standing**, you are required to complete 8 credits in writing (“W”) courses prior to graduation.
- **If you enter as a junior**, you are required to complete 5 credits in writing (“W”) courses prior to graduation.
- **If you enter SPU as a senior**, you are required to complete 3 credits in writing (“W”) courses prior to graduation.

POST-BACCALAUREATE STUDENTS

Unless stipulated by your major or minor, you are not required to fulfill the “W” requirement if you are a post-baccalaureate student.

COURSES THAT FULFILL THE “W” REQUIREMENT

- ACCT 4899 [Capstone: Accounting Theory and Problems](#) (5)
- ACCT 4970 [Research in Accounting Topics](#) (5)
- ART 3605 [Modern Art: Image and Power](#) (5)
- ART 3606 [Cross-Cultural Encounters](#) (5)
- ART 3608 [Issues in Contemporary Art and Visual Culture](#) (5)
- ART 3610 [History of Graphic Design/Illustration](#) (5)
- ART 3611 [Reading Images: An Introduction to Visual Studies](#) (3)
- ART 3612 [Reading Urban Spaces: The Eternal City](#) (5)
- ART 4897 [Senior Capstone: Careers in Art History and Visual Studies](#) (3)
- ART 4898 [Senior Capstone in Studio Arts](#) (3)
- ART 4899 [Senior Capstone in Visual Communication](#) (3)
- ART 4920 [Readings in Art](#) (1-5)
- ASIA 3765 [Family, State and Patriarchy in East Asia](#) (5)
- ASIA 3767 [Religion, Revolution and Social Change in China](#) (3)
- ASIA 3785 [Trade, War, and The Making of East Asian Modernities](#) (5)
- ASIA 4765 [Topics in East Asian History](#) (3)
- BIO 3310 [Ecology](#) (5)
- BIO 3320 [Principles of Development](#) (5)

- BIO 3434 Animal Behavior (5)
- BIO 3615 Issues and Values in Biology (3)
- BIO 4256 Environmental Physiology (5)
- BIO 4325 Molecular Biology (5)
- BIO 4330 Evolutionary Mechanisms (5)
- BIO 4352 Cell Biology (5)
- BIO 4361 Biochemistry (5)
- BIO 4413 Animal Physiology (5)
- BIO 4415 Plant Physiology (5)
- BIO 4810 Marine Ecology (5)
- BIO 4840 Chemical Ecology (5)
- BIO 4978 Biological Research Proposal (1)
- BUS 4690 Strategic Management (5)
- BUS 4899 Business Ethics (5)
- CHM 3461 Physical Chemistry Laboratory I (2)
- CHM 3462 Physical Chemistry Laboratory II (2)
- CHM 4361 Biochemistry (5)
- CHM 4700 Selected Topics in Chemistry/Biochemistry (3)
- CHM 4900 Independent Project/Design in Chemistry/Biochemistry (1-10)
- CHM 4960 Undergraduate Research in Chemistry/Biochemistry (1-10)
- CLA 4899 Senior Capstone in Classics (3)
- COM 3001 Theories of Communication (5)
- COM 3628 Foundations of Western Rhetoric (5)
- COM 3629 Modern Rhetorical Theory (5)
- COM 3780 Introduction to Film (5)
- COM 3781 A World on Film (5)
- COM 4604 Communication Seminar: Writing Film Criticism (5)
- COM 4899 Communication Ethics (Capstone) (5)
- CPE 4211 Computer Engineering Senior Design I (3)
- CPE 4212 Computer Engineering Senior Design II (3)
- CPE 4899 Computer Engineering Capstone and Senior Design (3)
- CRIM 3212 Criminal Law and Procedures (5)
- CRIM 4899 Capstone: Alternative Justice (3)
- CSC 3000 Computer Science Internship Preparation (1)
- CSC 3011 Living in a Digital World (3)
- CSC 3150 Systems Design (5)
- CSC 4898 Senior Capstone Seminar (2)

- CSC 4940 [Internship in Computer Science](#) (1-5)
- ECN 3202 [Intermediate Macroeconomics](#) (5)
- ECN 3811 [Microeconomics of Development: Community Development](#) (5)
- ECN 3812 [Macroeconomics of Development: International Economic Growth](#) (5)
- ECN 4010 [Health Economics](#) (5)
- ECN 4641 [History of Economic Thought I](#) (1-5)
- ECN 4899 [Capstone: Issues in Political Economy](#) (5)
- EDMA 4000 [Math Methods II: Teaching K-8 Mathematics](#) (2)
- EDSP 4642 [Individual Education Programs](#) (3)
- EDSP 4652 [Disabilities of Learning and Attention](#) (3)
- EDSP 4653 [Teaching Reading to Exceptional Students](#) (3)
- EDSP 4899 [Issues in Special Education - Capstone](#) (3)
- EDU 3205 [Elementary General Methods I](#) (3)
- EDU 3255 [Secondary General Methods I: Planning for Instruction and Classroom Management](#) (3)
- EDU 4899 [Teacher as Person - Capstone](#) (2)
- EE 4211 [Electrical Engineering Senior Design I](#) (3)
- EE 4212 [Electrical Engineering Senior Design II](#) (3)
- EE 4899 [Electrical Engineering Capstone and Senior Design](#) (3)
- EGR 3000 [Principles of Professional Practice](#) (1)
- EGR 3311 [Experimental Methods I](#) (3)
- EGR 3312 [Experimental Methods II](#) (3)
- EGR 3313 [Experimental Methods III](#) (3)
- EGR 4811 [Engineering Senior Design I](#) (3)
- EGR 4812 [Engineering Senior Design II](#) (3)
- EGR 4899 [Engineering Capstone and Senior Design](#) (3)
- ENG 2225 [Literary Interpretation](#) (5)
- ENG 3003 [Literature and Medicine](#) (5)
- ENG 3150 [The Sentence](#) (3)
- ENG 3205 [Issues and Practices in Workplace Writing](#) (3)
- ENG 3301 [Advanced Expository Writing](#) (5)
- ENG 3302 [Writing Across Cultures](#) (3-5)
- ENG 3318 [Creative Nonfiction](#) (3)
- ENG 3325 [Film and Story](#) (5)
- ENG 3332 [African American Literature](#) (5)
- ENG 3335 [Celtic Literature and Culture](#) (5)
- ENG 3339 [United States Latinx Literature](#) (5)
- ENG 3345 [Medieval English Literature](#) (5)
- ENG 3346 [English Renaissance Literature](#) (5)

- ENG 3347 [Literature of Enlightenment and Revolution](#) (5)
- ENG 3348 [Romantic Poetry and Fiction](#) (5)
- ENG 3351 [Victorian Literature](#) (5)
- ENG 3380 [African Literature](#) (5)
- ENG 3381 [Middle-Eastern Literature](#) (5)
- ENG 3383 [Arab Spring: Gender, Islam, Democracy](#) (5)
- ENG 3384 [Empires of Asia](#) (5)
- ENG 3386 [The Eternal City in Art and Literature](#) (5)
- ENG 3710 [19th Century American Literature](#) (5)
- ENG 3715 [20th Century American Literature](#) (5)
- ENG 3840 [Lewis and Tolkien](#) (5)
- ENG 4152 [Modernist Literature](#) (5)
- ENG 4162 [Postmodern Literature](#) (5)
- ENG 4440 [Geoffrey Chaucer](#) (5)
- ENG 4442 [John Milton](#) (5)
- ENG 4449 [Jane Austen](#) (5)
- ENG 4450 [Emily Dickinson](#) (5)
- ENG 4451 [Toni Morrison](#) (5)
- ENG 4822 [The Novel](#) (5)
- ENG 4823 [The Poem](#) (5)
- ENG 4824 [The Short Story](#) (5)
- ENG 4825 [The Essay](#) (5)
- ENG 4899 [Senior Capstone in English](#) (5)
- ENG 4950 [Special Topics](#) (1-5)
- FCS 3310 [The Profession of Dietetics](#) (2)
- FCS 3385 [Food and Culture](#) (3)
- FCS 3710 [Housing and Community](#) (5)
- FCS 3740 [Interior Design History](#) (5)
- FCS 3870 [History of Costume](#) (5)
- FCS 3875 [Appearance and Culture](#) (3)
- FCS 4367 [Experimental Foods](#) (5)
- FCS 4370 [Nutrition Research](#) (3)
- FLM 3781 [A World on Film](#) (5)
- FLM 4899 [Capstone: Writing Film Criticism](#) (5)
- FRE 3105 [Ecriture Engagee](#) (5)
- FRE 3205 [Topics in Francophone Literature](#) (5)
- FRE 4460 [La Litterature Francaise-du Moyen Age au 18e Siecle](#) (3)

- FRE 4899 [Francophone Capstone](#) (3)
- GDEV 4899 [Capstone: Civil Society](#) (3)
- HHP 2195 [Philosophy and Research in Health and Physical Activity](#) (5)
- HHP 3560 [Psychological Aspects of Health and Physical Activity](#) (5)
- HHP 4590 [Advanced Athletic Training Techniques](#) (3)
- HHP 4595 [Administration of Programs in Health and Physical Activity](#) (3)
- HHP 4899 [Contemporary Issues in Health and Physical Activity](#) (1-2)
- HIS 3357 [Europe Since 1945](#) (5)
- HIS 3358 [Race, Sexuality, and Religion in Postwar Europe](#) (3)
- HIS 3387 [Christianity in Asia](#) (3)
- HIS 3446 [Life in the Cold War](#) (5)
- HIS 3495 [History of Science Seminar](#) (3)
- HIS 3501 [Colonial and Revolutionary America: Foundations of American Civilization](#) (5)
- HIS 3670 [History of American Foreign Relations](#) (5)
- HIS 3720 [Rise of Islamic Civilization](#) (5)
- HIS 3725 [Women and Gender in the Middle East](#) (3)
- HIS 3765 [Family, State and Patriarchy in East Asia](#) (5)
- HIS 3767 [Religion, Revolution and Social Changes in China](#) (3)
- HIS 3785 [Trade, War, and The Making of East Asian Modernities](#) (5)
- HIS 3813 [History Online](#) (3)
- HIS 4765 [Topics in East Asian History](#) (3)
- HIS 4899 [History Capstone](#) (3)
- HON 2200 [Honors Core: History and Representation](#) (5)
- HON 3200 [Honors Core: Research and Writing](#) (5)
- HON 4899 [Honors Research Capstone](#) (1-5)
- JRN 3301 [Media Law](#) (5)
- LCL 3287 [Mythology in Literature](#) (5)
- LIN 4145 [Phonology](#) (5)
- LIN 4430 [Sociolinguistics](#) (5)
- LIN 4899 [Linguistics Capstone Seminar](#) (3)
- MAT 3899 [Mathematical Writing](#) (2)
- MAT 4402 [Modern Algebra I](#) (3)
- MAT 4403 [Modern Algebra II](#) (3)
- MAT 4899 [Senior Capstone Seminar](#) (3)
- MUS 4230 [Music of the Renaissance and Baroque](#) (3)
- MUS 4231 [Music of the Classical and Romantic](#) (3)
- MUS 4232 [Music of the 20th Century](#) (3)
- MUS 4233 [Music of Black America](#) (2)

- MUS 4233 [MUSIC OF BLACK AMERICA](#) (3)
- MUS 4234 [Music of the Spice Route](#) (3)
- MUS 4235 [Music of the Pacific Rim](#) (3)
- MUS 4236 [Jazz History for Music Majors](#) (3)
- MUS 4237 [American Popular Music for Music Majors](#) (3)
- MUS 4238 [Psychology of Music](#) (3)
- MUS 4239 [Music of Latin America and the Caribbean](#) (3)
- MUS 4402 [History and Appreciation of Jazz](#) (5)
- MUS 4802 [Music Therapy in Mental Health](#) (3)
- MUS 4803 [Music and Medicine](#) (3)
- MUS 4897 [Project Capstone](#) (3)
- NUR 3132 [Professional Nursing 3](#) (3)
- NUR 3958 [Health Promotion, Assessment & Clinical Prevention](#) (5)
- NUR 4142 [Professional Nursing 4](#) (3)
- NUR 4152 [Professional Nursing 5](#) (3)
- NUR 4848 [Leadership and Professional Role Development](#) (3)
- NUR 4899 [Professional Nursing Synthesis Theory](#) (3)
- PHI 3601 [Ancient Philosophy](#) (5)
- PHI 3602 [Medieval Philosophy](#) (3)
- PHI 3606 [Continental Philosophy](#) (5)
- PHI 3633 [Early Modern Philosophy](#) (5)
- PHI 3651 [Contemporary Ethical Theory](#) (5)
- PHI 3770 [Political Philosophy](#) (3)
- PHI 3999 [Mind and Immortality](#) (3)
- PHI 4652 [Contemporary Metaphysics](#) (5)
- PHY 3311 [Experimental Methods I](#) (3)
- PHY 3312 [Experimental Methods II](#) (3)
- PHY 3313 [Experimental Methods III](#) (3)
- POL 3320 [Political and Economic Development of Nations](#) (5)
- POL 3410 [Moral Foundations of Democracy](#) (5)
- POL 3430 [The Presidency and Congress: Politics of National Leadership](#) (5)
- POL 3450 [Politics, Parties and Interest Groups](#) (3)
- POL 3550 [Social Darwinism and Politics](#) (5)
- POL 3670 [History of American Foreign Relations](#) (5)
- POL 4641 [Theories of the Political System: Ancient](#) (5)
- POL 4642 [Theories of the Political System: Modern](#) (5)
- POL 4899 [Political Science Capstone Seminar](#) (3)
- POL 4911 [Advanced Seminar](#): (1-5)

- PPHS 4600 Contemporary Issues in Medicine (3)
- PSY 3588 Psychological Research Methods (5)
- PSY 4100 Advanced Research Methods: Social Psychology (5)
- PSY 4101 Advanced Research Methods: Animal Behavior (5)
- PSY 4102 Advanced Research Methods: Cognitive Psychology (5)
- PSY 4103 Advanced Research Methods: Cross-Cultural Psychology (5)
- PSY 4104 Advanced Research Methods: Psychology and Christian Faith (5)
- PSY 4105 Advanced Research Methods: Personality and Preferences (5)
- PSY 4106 Advanced Research Methods: Developmental Psychology (5)
- PSY 4107 Advanced Research Methods: Clinical Psychology (5)
- SJC 3383 Arab Spring: Gender, Islam, Democracy (5)
- SOC 3751 Introduction to Research Methods (5)
- SOC 4702 Classical Sociological Theory (5)
- SPN 4105 Literature Survey: Golden Age (5)
- SPN 4401 Topics in Spanish Literature (5)
- SPN 4501 Topics in Latin American Literature (5)
- SPN 4899 Latin American Capstone Seminar (3)
- THEO 3110 Torah/Pentateuch: The Old Testament Gospel (5)
- THEO 3210 Four Gospels and One Jesus (5)
- THEO 3630 Holistic Ministry (3)
- THEO 4100 Biblical Ethics: How Shall We then Live? (5)
- THEO 4290 Biblical Theology: Reading the Whole Bible as Scripture (5)
- THEO 4401 Representative Theologies (5)
- THEO 4402 Wesleyan Theology (5)
- THEO 4720 Leadership in Ministry (5)
- TRE 3500 Dramaturgy (5)
- TRE 3600 Theatre Literature and Theory (5)
- TRE 4760 Playwriting (5)
- TRE 4911 History of the Theatre I (5)
- TRE 4913 History of the Theatre II (5)
- WRI 2930 Pedagogies of Tutoring (1,2)

Foreign Language Competency

The Foreign Language Competency requirement is defined as earning a C (2.0) or better in the third quarter of university-level language study. For many students, the general education Foreign Language Competency requirement will be met by taking a one-year series of courses. However, several alternative ways of meeting this requirement are listed below:

- **Show by your high school transcript** that you have completed a third year of a single foreign language (during grades 9–12) with an average grade of C (2.0) in the final year or a C (2.0) or better in the final course.
- **Attain a minimum grade of C (2.0) or “pass”** in the third quarter of the elementary level of an SPU foreign language course (with the exception of THEO 1203), or a higher level course, in a language other than modern English.
- **Demonstrate proficiency in a language** by taking an oral proficiency (**not** placement) test administered by a qualified testing center and achieving a ranking equivalent to ACTFL Intermediate-Low or better. Such test results may be submitted electronically to lcl@spu.edu or via regular mail to: LCL Department, Seattle Pacific University, 3307 Third Avenue W, Suite 109, Seattle Pacific University, Seattle, WA 98119-2335.
- **Provide evidence that you are a native or near-native speaker** of a language other than English by:
 - Gaining admission to SPU as a student required to submit proof of English language proficiency along with your admission application (through completion of a TOEFL exam or IELTS, for instance).
 - Setting up an appointment for an oral assessment of your language skill, if your language is one in which SPU faculty members have expertise. To set up an oral assessment, contact the department chair at lcl@spu.edu.
 - Submitting a letter attesting to your proficiency from a non-family member who uses that language in his or her professional life. Such letters should specify the relationship between your attester and you, and should include information about the context in which you have used the language and your level of proficiency in the language. Letters may be submitted electronically to lcl@spu.edu or via regular mail to the LCL Department, 3307 3rd Ave W, Suite 109, Seattle Pacific University, Seattle, WA 98119-2335.
- **Complete a 10-week minimum quarter- or semester-intensive language immersion program** that includes a minimum of 8 semester or 12 quarter credits of the foreign language through the 1103 or A2 level (Common European Framework of Reference) with a minimum grade of C. A homestay is encouraged in a country whose primary language is not English.
- **Transfer a course equivalent to**, or more advanced than, 1103 (the third quarter in an elementary-level SPU course) in a language other than English. The course must have been taken at an accredited post-secondary institution whose credits are accepted for transfer by SPU. The grade in the transferred course must be C (2.0) or better, or a “pass,” provided the institution’s minimum achievement level for a “pass” grade is a C (2.0) or higher.
- **Receive SPU credit for a foreign language exam** through Advanced Placement, Cambridge International, or International Baccalaureate, in accordance with the [AP, Cambridge International, and IB Transfer Charts](#).
- **Earn a sufficiently high score on a CLEP test** in a language other than English. Attaining a score equal to or above the minimum score recommended by CLEP for awarding credit for the exam will fulfill the Foreign Language Competency requirement; however, no credit will be awarded for CLEP foreign language exams.
- **American Sign Language (ASL)** may be used to fulfill the SPU foreign language requirement if the time you spent in classroom instruction is equal to the 15-credit requirement. No other forms of sign

language satisfy the requirement.

- **Earn an approved direct transfer degree** from a Washington, Oregon, or California community college prior to matriculation at SPU. A degree earned in California must be accompanied by full completion of the IGETC curriculum.

FOREIGN LANGUAGE SUBSTITUTION POLICY FOR DOCUMENTED DISABILITY

Qualified students with current (i.e., issued within the past five years) professional documentation that specifically certifies the student possesses a disability, and clearly indicates the inability to successfully complete the study of a foreign language, may be able to utilize the Foreign Language Substitution Policy as the means to satisfy the general education foreign language requirement. For more information, contact [Disability Support Services](#) in the Center for Learning.

International Baccalaureate Higher-Level Exams

How higher-level International Baccalaureate exams transfer

If you are interested in receiving credit for International Baccalaureate exams, you should have an official score report sent to [Undergraduate Admissions](#) at SPU. If you completed an exam for a subject not listed below, alert [Undergraduate Admissions](#) and they will ensure that the subject is reviewed for transfer.

The chart below indicates how International Baccalaureate **Higher-Level** Exam scores presented on an official score report are accepted at SPU. (See SPU's credit granting policies for International Baccalaureate **Standard-Level** Exam scores [here](#).) The numbers in parentheses indicate the score(s) required in order to receive credit. No score below 4 will result in credit. (LD) means lower-division credit, the level of courses primarily completed during the first two years of college.

View [Exploratory Curriculum Requirements](#) here to see how your exams may work toward fulfilling General Education requirements. Keep in mind that beyond General Education and major requirements you may need quite a few elective credits to complete your degree.

If you believe an exam for which you receive credit from SPU also may fulfill major requirements, contact the appropriate department for a review.

Note: Combined credit for all test programs and 13th year advanced standing cannot exceed 45 quarter credits.

IB exam subject	Credit and Scores	Exploratory Curriculum	SPU acceptance
Anthropology	5 (for 4)	None	Elective (LD)
Anthropology	5 (for 5, 6, or 7)	WKSS, CUE	ANT 2250
Arabic B	5 (for 4)	None	Elective (LD)
Arabic B	5 (for 5)	For Lang met	Elective (LD)
Arabic B	10 (for 6)	For Lang met	Elective (LD)
Arabic B	15 (for 7)	For Lang met	Elective (LD)
Art Design	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Biology	5 (for 4 or 5)	None	Elective (LD)
Biology	5 (for 6 or 7)	WKFS	Fundamental Science
Business and Management	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Business Organization	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Chemistry	5 (for 4)	None	Elective (LD)
Chemistry	5 (for 5)	WKFS	CHM 1211
Chemistry	10 (for 6)	WKFS	CHM 1211 and 1212
Chemistry	15 (for 7)	WKFS	CHM 1211, 1212, 1213 and 2213
Chinese, Mandarin B	5 (for 4)	None	Elective (LD)
Chinese, Mandarin B	5 (for 5)	For Lang met	Elective (LD)
Chinese, Mandarin B	10 (for 6)	For Lang met	Elective (LD)
Chinese, Mandarin B	15 (for 7)	For Lang met	Elective (LD)
Classical Languages	5 (for 4)	None	Elective (LD)
Classical Languages	5 (for 5)	None	Elective (LD)*

Classical Languages	10 (for 6)	None	Elective (LD)*
Classical Languages	15 (for 7)	None	Elective (LD)*
Computer Science	5 (for 4)	None	Elective (LD)
Computer Science	5 (for 5, 6 or 7)	WKAS	Applied Science
Dance	5 (for 4)	None	Elective (LD)
Dance	5 (for 5, 6 or 7)	WKA	Arts
Design Technology	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Economics	5 (for 4)	None	Elective (LD)
Economics	5 (for 5, 6 or 7)	WKSS	ECN 2101
English A-1	5 (for 4)	None	Elective (LD)
English A-1	5 (for 5, 6 or 7)	WKH	Humanities
Environmental Systems and Societies	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Film	5 (for 4, 5, 6 7)	None	Elective (LD)
French B	5 (for 4)	None	Elective (LD)
French B	5 (for 5)	For Lang met	FRE 1103
French B	10 (for 6)	For Lang met	FRE 1103
French B	15 (for 7)	For Lang met	FRE 1103
Geography	5 (for 4)	None	Elective (LD)
Geography	5 (for 5, 6 or 7)	WKSS	Social Sciences
German B	5 (for 4)	None	Elective (LD)
German B	5 (for 5)	For Lang met	Elective (LD)
German B	10 (for 6)	For Lang met	Elective (LD)
German B	15 (for 7)	For Lang met	Elective (LD)
Global Politics	5 (for 4)	None	Elective (LD)
Global Politics	5 (for 5, 6 or 7)	WKSS	Political Science Elective
History	5 (for 4)	None	Elective
History	5 (for 5, 6 or 7)	WKSS	History Elective*
Indonesian B	5 (for 4)	None	Elective (LD)
Indonesian B	5 (for 5)	For Lang met	Elective (LD)
Indonesian B	10 (for 6)	For Lang met	Elective (LD)
Indonesian B	15 (for 7)	For Lang met	Elective (LD)
Italian B	5 (for 4)	None	Elective (LD)
Italian B	5 (for 5)	For Lang met	Elective (LD)
Italian B	10 (for 6)	For Lang met	Elective (LD)
Italian B	15 (for 7)	For Lang met	Elective (LD)
Info Tech Global Society	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Japanese B	5 (for 4)	None	Elective (LD)
Japanese B	5 (for 5)	For Lang met	Elective (LD)
Japanese B	10 (for 6)	For Lang met	Elective (LD)
Japanese B	15 (for 7)	For Lang met	Elective (LD)
Language A	5 (for 4)	None	Elective (LD)
Language A	5 (for 5)	None	See ENGL Dept*
Language A	10 (for 6)	None	See ENGL Dept*
Language A	15 (for 7)	None	See ENGL Dept*
Language B	5 (for 4)	None	Elective (LD)
Language B	5 (for 5)	For Lang met	Elective (LD)
Language B	10 (for 6)	For Lang met	Elective (LD)

Language B	10 (for 6)	For Lang met	Elective (LD)
Language B	15 (for 7)	For Lang met	Elective (LD)
Malay B	5 (for 4)	None	Elective (LD)
Malay B	5 (for 5)	For Lang met	Elective (LD)
Malay B	10 (for 6)	For Lang met	Elective (LD)
Malay B	15 (for 7)	For Lang met	Elective (LD)
Mathematics	5 (for 4 or 5)	None	Elective (LD)
Mathematics	5 (for 6 or 7)	WKQR	Quantitative Reasoning
Mathematics, Further	5 (for 4, 5, 6 7)	None	Elective (LD)
Music	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Near East	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Philosophy	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Physics	5 (for 4 or 5)	None	Elective (LD)
Physics	5 (for 6 or 7)	WKFS	Fundamental Science
Psychology	5 (for 4)	None	Elective (LD)
Psychology	5 (for 5, 6 or 7)	WKSS	PSY 1180
Russian B	5 (for 4)	None	Elective (LD)
Russian B	5 (for 5)	For Lang met	Elective (LD)
Russian B	10 (for 6)	For Lang met	Elective (LD)
Russian B	15 (for 7)	For Lang met	Elective (LD)
Spanish B	5 (for 4)	None	Elective (LD)
Spanish B	5 (for 5)	For Lang met	SPN 1103
Spanish B	10 (for 6)	For Lang met	SPN 1103
Spanish B	15 (for 7)	For Lang met	SPN 1103
Sports, Exercise, & Health Sciences	5 (for 4, 5, 6 or 7)	None	Elective (LD)
Swahili B	5 (for 4)	None	Elective (LD)
Swahili B	5 (for 5)	For Lang met	Elective (LD)
Swahili B	10 (for 6)	For Lang met	Elective (LD)
Swahili B	15 (for 7)	For Lang met	Elective (LD)
Theatre	5 (for 4)	None	Elective (LD)
Theatre	5 (for 5, 6 or 7)	WKA	Arts
Visual Arts	5 (for 4)	None	Elective (LD) *
Visual Arts	5 (for 5, 6 or 7)	WKA	Arts *
World Religions	5 (for 4, 5, 6 or 7)	None	Elective (LD)

*Consult with the academic department regarding placement or major requirements.

CUE Requirement

The Cultural Understanding and Engagement (CUE) requirement helps prepare students for a rapidly changing and increasingly culturally complex world.

Courses with the CUE designation are required to be 3 or more credits and substantively address at least one of the following areas:

- **Understanding patterns and histories** of inequity.
- **Understanding one or more cultures** and the dynamics of cultural, racial, ethnic, and gender differences.
- **Preparing students for vocations** with cultivation of diverse workplaces, conflict resolution, peacemaking, and community development.
- **Articulating reconciliation** as participation in God's reconciling work in the world.

Students are required to complete one CUE-designated course and many will be able to fulfill the CUE requirement as a part of their major's requirements.

COURSES THAT FULFILL THE CUE REQUIREMENT

- ACCT 4351 [International Accounting](#) (3)
- ANT 2250 [Cultural Anthropology](#) (5)
- ANT 3000 [Introduction to Biological Anthropology](#) (5)
- ART 3606 [Cross-Cultural Encounters](#) (5)
- ART 3608 [Issues in Contemporary Art and Visual Culture](#) (5)
- ASIA 2417 [Religious Traditions of Asia](#) (5)
- ASIA 2418 [Modern Expressions of Asian Religions](#) (5)
- BIO 1105 [Marine Restoration Ecology](#) (5)
- BIO 1121 [Coral Reef Ecology](#) (5)
- BIO 1123 [Humans and Coral Reefs](#) (5)
- BIO 3000 [Introduction to Biological Anthropology](#) (5)
- BIO 3302 [Coral Reef Ecology](#) (5)
- BIO 3305 [Marine Restoration Ecology](#) (5)
- CHM 2410 [Environmental Chemistry and Sustainability](#) (5)
- CHN 2200 [Chinese Culture - Past and Present](#) (5)
- CHN 2207 [Traditional Health Beliefs and Behaviors in Chinese Culture](#) (3)
- COM 3781 [A World on Film](#) (5)
- COM 4180 [Cultural Communication](#) (5)
- COM 4607 [Communication Seminar: Rhetoric of Dissent](#) (5)
- ECN 3811 [Microeconomics of Development: Community Development](#) (5)
- ECN 3812 [Macroeconomics of Development: International Economic Growth](#) (5)
- EDU 2300 [Diversity and the Classroom](#) (3)

- ENG 2248 [International Fiction](#) (5)
- ENG 3302 [Writing Across Cultures](#) (3-5)
- ENG 3334 [United States Multi-Ethnic Literature](#) (5)
- ENG 3335 [Celtic Literature and Culture](#) (5)
- ENG 3380 [African Literature](#) (5)
- ENG 3381 [Middle-Eastern Literature](#) (5)
- ENG 3382 [South Africa-Stages of Protest and Democracy](#) (5)
- ENG 3383 [Arab Spring: Gender, Islam, Democracy](#) (5)
- ENG 3384 [Empires of Asia](#) (5)
- FCS 3250 [Philippines Study Abroad: Serving Children, Families and Communities](#) (5)
- FCS 3280 [Children and Families](#) (5)
- FCS 3890 [Global Sourcing and Production](#) (5)
- FCS 4712 [Advanced Design II - Commercial Interiors](#) (5)
- FLM 2002 [Film History II: American Film 1960-Present](#) (5)
- FLM 3781 [A World on Film](#) (5)
- FRE 3205 [Topics in Francophone Literature](#) (5)
- FRE 3250 [La France et le Monde](#) (3)
- HIS 2417 [Religious Traditions of Asia](#) (5)
- HIS 2418 [Modern Expressions of Asian Religions](#) (5)
- HIS 3356 [The Holocaust](#) (5)
- HIS 3366 [The Holocaust in Prague: Jewish Experiences](#) (5)
- HIS 3444 [Humanitarianism: Promises and Problems](#) (5)
- HIS 3445 [Genocide: A Comparative Study](#) (5)
- HIS 3448 [Human Trafficking, Slavery, and Refugees: History of Forced Migration](#) (5)
- HIS 3720 [Rise of Islamic Civilization](#) (5)
- HIS 3725 [Women and Gender in the Middle East](#) (3)
- HIS 3750 [Latin America](#) (5)
- HON 2000 [Honors Core: Culture and Social Systems](#) (5)
- HON 2200 [Honors Core: History and Representation](#) (5)
- LCL 3500 [Cultural Study Abroad](#) (3-8)
- MUS 1200 [Cultural Engagement Through Music](#) (5)
- MUS 2606 [Music of Asia](#) (5)
- MUS 4233 [Music of Black America](#) (3)
- MUS 4234 [Music of the Spice Route](#) (3)
- MUS 4235 [Music of the Pacific Rim](#) (3)
- MUS 4236 [Jazz History for Music Majors](#) (3)
- MUS 4237 [American Popular Music for Music Majors](#) (3)
- MUS 4238 [World Music for Music Majors](#) (3)

- MUS 4239 Music of Latin America and the Caribbean (3)
- NUR 3132 Professional Nursing 3 (3)
- NUR 4710 Culture, Diversity, and Nursing Practice (3)
- POL 2330 International Relations (5)
- POL 3330 Global Women's Issues (5)
- POL 3400 International Organizations (3)
- POL 4452 International Law (3)
- PSY 3410 Cross-Cultural Psychology (5)
- PSY 3485 Cultural Developmental Psychology (5)
- SJC 3382 South Africa: Stages of Protest and Democracy (5)
- SJC 3383 Arab Spring: Gender, Islam, Democracy (5)
- SOC 2620 Urban Sociology (5)
- SOC 3215 Social Inequality: Power and Privilege (5)
- SOC 3750 Latin America (5)
- SOC 3862 Race and Ethnicity (5)
- SOC 4210 Gender in the Global Context (5)
- THEO 2620 Introduction to Global and Urban Ministry (5)
- THEO 2730 Biblical and Theological Introduction to Christian Reconciliation (5)
- THEO 3601 Multiethnic Ministry (3)
- THEO 3640 Cross-Cultural Ministry (3)
- THEO 3715 Youth Cultures and Christian Faith (3)
- THEO 4602 Issues in Latin American Christianity (3)
- THEO 4603 Issues in Asian/African Christianity (3)
- THEO 4736 SoulJourn (3)
- TRE 3600 Theatre Literature and Theory (5)
- TRE 3760 Theatre Management (3)
- WST 2350 Introduction to Women's Studies (5)

International High School 13th Year

Students who attended high school outside the U.S. and Canada may be awarded credit for external examinations* for advanced high school work equivalent to a 13th year. The decision to award credit is dependent on examination scores and will require faculty review of course syllabi and subjects taken. SPU requires an officially certified copy of exam results showing scores for each exam subject, with an official English translation.

***Credit for Norway 13th year**, for students earning the *vitnemål fra den vidergående skolen*, will be awarded based on final assessment grades presented on an official graduation certificate, in English, sent directly from the high school. The decision to award credit is dependent on assessment scores and may require faculty review. Detailed transfer information on Norway 13th year is available in the [Transfer Course Equivalency Guide](#), under Testing Programs.

Combined credit for all test programs and 13th year advanced standing cannot exceed 45 quarter credits.

Major and Minor Curriculums

STANDARDS GOVERNING COMPLETION OF A MAJOR

- **You must complete a major** to earn either a bachelor of arts or bachelor of science degree.
- **You must meet your major requirements** in full.
- **A major must contain at least 45 credits**, although most programs require more.
- **At least 23 credits in the major must be upper-division** (numbered 3000–4999), although many programs require more.
- **At least 15 of the required upper-division credits in your major** must be earned at Seattle Pacific University.
- **No grade below C- (1.7) will count toward any major at SPU**, and some majors require grades higher than C- (1.7) for courses within the major. Refer to department pages in this catalog for specific requirements.
- **Coursework with a P grade may not be applied to a major**, with the exception of clinical practicum classes in the Nursing program and performance practicum courses in the Theatre major.
- **You must apply for a major and be accepted by the school or department** in which you plan to complete it. The quarter in which you are formally accepted into the major determines the Undergraduate Catalog under which major requirements will be applied.
- **Minimum criteria for admission to a particular major** are found in the sections of the Undergraduate Catalog assigned to the various schools or departments of the University.
- **The school or department in which you complete a major** must certify to Student Academic Services that you have satisfactorily met all major requirements.
- **You may simultaneously** complete two majors.
 - **Both majors** may be in a BA category, or two majors in a BS category, or one in a BA category and one in a BS category.
 - **All requirements for each major must be completed** prior to the granting of your bachelor's degrees.
- **Students in the Honors Program who complete the BA in Honors Liberal Arts** are required to complete a second major as a condition of graduation.

STANDARDS GOVERNING COMPLETION OF A MINOR

- **You are not obligated to complete a minor area of study** in order to receive the BA or BS degree, unless you are majoring in [Professional Studies](#).
- **However, you must complete** a major in order to earn a minor.
- **If you pursue a minor, it is necessary to apply for** and be accepted into the minor field. The quarter for which you are formally accepted into a minor determines the Undergraduate Catalog under which minor requirements will be applied.
- **Acceptance into a minor** is determined by the academic school or department.
- **Requirements for admission to minors** may be found in the school or department sections of this Undergraduate Catalog.
- **If not specifically noted**, the GPA for acceptance into the minor is the same as the minimum GPA required for acceptance into the corresponding major.
- **A minor requires a minimum of 30 credits.**

- **A minimum of 15 credits** is required in courses numbered 3000–4999, with at least 10 of these credits earned at SPU.
- **Requirements for specific minors** may be found in the school or department sections of the Undergraduate Catalog.
- **No grade below C- (1.7) will count toward any minor at SPU**, and some minors require grades higher than C- (1.7) for courses within the minor. Refer to department pages in this catalog for specific requirements.
- **Coursework with a P grade may not be applied to a minor**, with the exception of performance practicum courses in the Theatre minor.
- **The school or department in which you complete a minor** must certify to Student Academic Services that you have satisfactorily met all requirements for the minor.
- **If you are pursuing a minor**, all requirements for the minor must be completed prior to the awarding of your bachelor's degree. You may not complete a minor after your bachelor's degree has been awarded.

Post-Baccalaureate Degree Requirements

An additional degree is distinguished from multiple majors within a single degree. For information regarding completion of multiple majors within a first bachelor's degree, see [Standards Governing the Completion of a Major](#).

You may earn a second bachelor's degree by completing at least 45 credits as a matriculated student at Seattle Pacific University after your first bachelor's degree has been awarded. You must be accepted into a major, and the date of acceptance determines the Undergraduate Catalog under which major requirements will be applied. A second degree is subject to the following conditions:

If you earned your first degree at SPU:

- **Of the 45 credits required for the second degree**, you may earn up to 15 credits prior to the granting of the first degree, provided the credits are in excess of the minimum (usually 180 credits) required for the first degree. In such a case, you may be required to complete fewer than 45 credits for the second degree, but no fewer than 30 credits.
- **You must earn at least 15 of the credits** for the second degree at SPU after matriculation as a post-baccalaureate student.
- **You must earn at least 15 upper-division credits** in the major at SPU.
- **No more than 15 credits taken as a non-matriculated student** may apply toward the additional bachelor's degree.
- **All specified requirements for the second degree** must be fulfilled, including all requirements in the major.
- **All [standards governing completion of a major](#)** apply to the second degree.
- **[Limitations on credit](#)** pertain to a second bachelor's degree as well as a first degree.

If you earned your first degree at another institution:

- **You must earn at least 45 credits toward the second degree at SPU** if you have not previously matriculated at SPU.
- **You must earn at least 30 of the required 45 credits at SPU** if, at some prior point, you matriculated at SPU.
- **No more than 15 credits taken as a non-matriculated student** may apply toward the additional bachelor's degree.
- **You must earn at least 15 upper-division credits** in the major at SPU.
- **You must complete 5 credits** in Christian Scripture or Christian Theology at SPU.
- **You must fulfill all specified requirements** for the second degree, including all requirements in the major.
- **All [standards governing completion of a major](#)** apply to the second degree.
- **[Limitations on credit](#)** pertain to a second bachelor's degree as well as a first degree.

Mathematics Placement

All SPU students are required to complete a Ways of Knowing in Quantitative Reasoning (mathematics) course as part of the Exploratory Curriculum. Additionally, many academic majors require one or more mathematics courses. Prior to taking any mathematics course at SPU, you must demonstrate eligibility.

The purpose of established eligibility criteria is to help determine whether you are ready for college-level mathematics and to help you develop any math skills needed to successfully complete Exploratory Curriculum and academic program requirements.

SPU has divided college readiness and Exploratory Curriculum math classes into several groupings. Some departments other than the Mathematics Department may require attainment of a particular Mathematics Placement Level as a prerequisite for courses in their majors.

Eligibility to enroll in a particular course can be demonstrated through an SAT or ACT math score; an SPU Mathematics Placement Test score; an SPU Calculus Placement Test score; transfer of an approved college mathematics course; completion of a Direct Transfer Agreement (DTA) associate degree or its approved equivalent; or through math credit awarded for AP, Cambridge International, IB, or CLEP exam.

COLLEGE READINESS MATHEMATICS

The courses, MAT 0144 "College Readiness Mathematics I" and MAT 0145 "College Readiness Mathematics II," are designed for students who do not have adequate mathematical backgrounds to succeed in college-level coursework in mathematics.

If you need to take a course with prerequisites of Mathematics Placement Level A, you will need to take MAT 0144 if you do not meet any of the other conditions listed. If you need to take courses with prerequisites of Mathematics Placement Level B, you may need to take both MAT 0144 and 0145.

Mathematics Placement policies are summarized in the tables below.

PLACEMENT CRITERIA FOR MATHEMATICS COURSES (NOT INCLUDING CALCULUS)

To enroll in a course listed in the second column below, you must meet at least one of the corresponding eligibility criteria.

Placement Level	Intended Math Course	Eligibility Criteria for Enrollment
Level 0	MAT 0144	<ul style="list-style-type: none"> If you have not met any criteria for Levels A or B, you place
Level A	MAT 0145; MAT 1560 and 2561; MAT 1521 or CSC 1521	<ul style="list-style-type: none"> SAT Math Score: 600 or above on exam taken spring 2016 c SAT Math Score: 580 or above on exam taken before spring ACT Math Score: 25 or above; or SPU Math Placement Test Score: 40 or above/ or Washington State MPT-G Score: 145 or above; or College Coursework: MAT 0144 with a grade of C- or better
Level B	MAT 1300, 2360, 2700, or 1110; BUS 2700; PSY 2360 or SOC 2360	<ul style="list-style-type: none"> SAT Math Score: 600 or above on exam taken spring 2016 c SAT Math Score: 580 or above on exam taken before spring

MAT 2360 or SOC 2360

SAT Math Score: 580 or above on exam taken before spring

- **ACT Math Score:** 25 or above; or
- **SPU Math Placement Test Score:** 60 or above; or
- **Washington State MPT-G Score:** 150 or above; or
- **College Coursework:** MAT 0145 with a grade of C- or Intern

MATHEMATICS PLACEMENT LEVEL 0

A placement level of 0 (i.e., zero) indicates one of two things: The student has not yet taken the SPU Mathematics Placement Test, or the student does not meet any of the criteria for Mathematics Placement Level A and should begin by enrolling in MAT 0144.

MATHEMATICS PLACEMENT LEVEL A

To be eligible to enroll in MAT 0145, MAT 1521, MAT 1560, or CSC 1521, you must meet at least one of the following criteria:

- **Score 600 or above** on the math portion of an SAT exam taken spring 2016 or later.
- **Score 580 or above** on the math portion of an SAT exam taken before spring 2016.
- **Score 25 or above** on the math portion of the ACT test.
- **Score 40 or above** on the SPU Mathematics Placement Test.
- **Score 145 or above** on the Washington State MPT-G.
- **Complete MAT 0144** with a grade of C- or better, OR complete an approved course in intermediate algebra at another college or university with a grade of C- or better.

MATHEMATICS PLACEMENT LEVEL B

To be eligible to enroll in MAT 1300, MAT 2360, MAT 2700, MAT 1110, BUS 2700, EDU 2600, PSY 2360 or SOC 2360, you must meet at least one of the following criteria:

- **Score 600 or above** on the math portion of an SAT exam taken spring 2016 or later.
- **Score 580 or above** on the math portion of an SAT exam taken before spring 2016.
- **Score 25 or above** on the math portion of the ACT test.
- **Score 60 or above** on the SPU Mathematics Placement Test.
- **Score 150 or above** on the Washington State MPT-G.
- **Complete MAT 0145** with a grade of C- or better, OR complete an approved course in Intermediate Algebra at another college or university with a grade of C- or better.

CALCULUS PLACEMENT

To be eligible to enroll in MAT 1221 "Survey of Calculus" or MAT 1234 "Calculus 1", you must achieve a passing score on the SPU Calculus Placement Test before registering for the course.

- **If you plan to take MAT 1234**, you must score 13 or higher on the SPU Calculus Placement Test, or complete MAT 1110 and receive a grade of C- or better

MAT 110 and receive a grade of C- or better.

- **If you plan to take MAT 1221**, you must score 11 or higher on the SPU Calculus Placement Test, or complete MAT 1010 and receive a grade of C- or better.

Art Programs

[Art Faculty](#)

When you pursue a major or minor in the Art Department at Seattle Pacific University, you will find that the programs **acquaint you with the fundamental elements and principles** of the visual arts and design; **develop your skills** in the use of various traditional and experimental forms of studio and technological media; and **encourage application** of your skills in a manner that engages contemporary culture.

Your curriculum will also **build cultural literacy** through exposure to art history, global culture, and critical theory; and **encourage your exploration** of the spiritual nature of art and design as an expression of your faith.

Find out more about this program's [mission, vision, and learning outcomes](#).

DEGREE PROGRAMS

- [Art \(BA\)](#) (major, emphases)
 - Illustration/NewPictures
 - Photography/Digital Media
 - Studio Arts
- [Art History and Visual Studies \(BA\)](#) (major, minor)
- [Visual Arts \(BA\)](#) (major, minor with emphases)
- [Visual Communication](#) (major)

Learn more about these additional [interdisciplinary art programs](#).

- Information Studies: Art (minor)
- Information Studies: Art History and Visual Studies (minor)
- Integrated Studies: The Arts (major)
- Interactive Computing and Art (minor)
- Film Studies (major and minor)
- Social Justice and Cultural Studies: Art for Social Change (major)

Undergraduate Majors, Minors, and Programs

search majors, minors, and programs

- College of Arts and Sciences: Division of Arts and Humanities (CAS: Arts & Humanities)
 - College of Arts and Sciences: Division of STEM and Social Sciences (CAS: STEM & Soc Sci)
 - School of Business, Government, and Economics (SBGE)
 - School of Education (SOE)
 - School of Health Sciences (SHS)
 - School of Psychology, Family, and Community (SPFC)
 - School of Theology (SOT)
 - Interdisciplinary (INT)
-
- Majors
 - Minors
 - Program

Area of Study	Title	School or College
MAJ	Art: Emphasis in Studio Arts (BA)	CAS: Arts & Humanities
MAJ	Art: Emphasis in Illustration/New Pictures (BA)	CAS: Arts & Humanities
MAJ	Art: Emphasis in Photography/Digital Media (BA)	CAS: Arts & Humanities
MAJ	Art History and Visual Studies (BA)	CAS: Arts & Humanities
MAJ	Asian Studies (BA)	CAS: Arts & Humanities
MAJ	Classics: Cultural Emphasis (BA)	CAS: Arts & Humanities
MAJ	Classics: Language Emphasis (BA)	CAS: Arts & Humanities
MAJ	Communication: Communication Studies Track (BA)	CAS: Arts & Humanities
MAJ	Communication: Journalism Track (BA)	CAS: Arts & Humanities
MAJ	Costume Design and Production (BA) (Theatre)	CAS: Arts & Humanities
MAJ	English: Creative Writing Concentration (BA)	CAS: Arts & Humanities
MAJ	English: Literature Concentration (BA)	CAS: Arts & Humanities
MAJ	Film Studies (BA)	CAS: Arts & Humanities
MAJ	French and Francophone Studies (BA)	CAS: Arts & Humanities
MAJ	History: General Track (BA)	CAS: Arts & Humanities

Area of Study	Track	School of College
MAJ	<u>History: Museum Studies Track (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Integrated Studies: The Arts Concentration (BA)</u>	INT
MAJ	<u>Linguistics and Cultural Studies (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Music: Composition (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Music: Music Production (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Music: Performance (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Music: Research (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Music Education (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Music Therapy: Emphasis in Physical Ed & Exercise Sci (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Music Therapy: Emphasis in Psychology (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Music Therapy: Emphasis in Special Education (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Philosophy: General Track (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Philosophy: Technical Track (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Social Justice & Cultural Studies: Advanced Cultural Studies</u>	CAS: Arts & Humanities
MAJ	<u>Social Justice & Cultural Studies: Art for Social Change</u>	CAS: Arts & Humanities
MAJ	<u>Social Justice & Cultural Studies: Environmental Justice</u>	CAS: Arts & Humanities
MAJ	<u>Social Justice & Cultural Studies: Mediation, Peace&Conflict</u>	CAS: Arts & Humanities
MAJ	<u>Social Justice&Cultural Studies: Pre-Law Human Rights&Policy</u>	CAS: Arts & Humanities
MAJ	<u>Spanish Studies (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Theatre: Performance Emphasis (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Theatre: Production & Design Emphasis (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Theatre: Teaching Emphasis (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Theatre: Theatre Studies Emphasis (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Visual Arts (BA)</u>	CAS: Arts & Humanities
MAJ	<u>Visual Communication (BA)</u>	CAS: Arts & Humanities
MIN	<u>Art Minor in Studio: Digital Media</u>	CAS: Arts & Humanities
MIN	<u>Art Minor in Studio: 3-D Media</u>	CAS: Arts & Humanities
MIN	<u>Art Minor in Studio: 2-D Media</u>	CAS: Arts & Humanities
MIN	<u>Art History and Visual Studies Minor</u>	CAS: Arts & Humanities
MIN	<u>Asian Studies Minor</u>	CAS: Arts & Humanities
MIN	<u>Classics Minor</u>	CAS: Arts & Humanities
MIN	<u>Journalism Minor</u>	CAS: Arts & Humanities
MIN	<u>Communication Minor</u>	CAS: Arts & Humanities
MIN	<u>Costume Design and Production Minor (Theatre Dept)</u>	CAS: Arts & Humanities
MIN	<u>English Literature Minor</u>	CAS: Arts & Humanities
MIN	<u>English Professional Writing Minor</u>	CAS: Arts & Humanities
MIN	<u>English Creative Writing Minor</u>	CAS: Arts & Humanities
MIN	<u>Film Studies Minor</u>	CAS: Arts & Humanities
MIN	<u>Francophone Studies Minor</u>	CAS: Arts & Humanities
MIN	<u>History Minor</u>	CAS: Arts & Humanities

Area of Study	Title	School or College
MIN	History: Museum Studies Minor	CAS: Arts & Humanities
MIN	Linguistics and Cultural Studies Minor	CAS: Arts & Humanities
MIN	Music and Worship Arts Minor	CAS: Arts & Humanities
MIN	Music Minor	CAS: Arts & Humanities
MIN	Philosophy Minor	CAS: Arts & Humanities
MIN	Spanish Studies Minor	CAS: Arts & Humanities
MIN	Spanish Heritage Minor	CAS: Arts & Humanities
MIN	Theatre Minor	CAS: Arts & Humanities
MAJ	General Studies (BA)	INT
PRG	Pre-Law	INT
PRG	Pre-Medical/Pre-Dental	INT
PRG	Pre-Optometry	INT
PRG	Pre-Pharmacy	INT
PRG	Pre-Physical Therapy/Pre-Occupational Therapy	INT
PRG	Pre-Veterinarian	INT
MAJ	Professional Studies	INT
MAJ	Student-Designed Major	INT
PRG	University Scholars	INT
MAJ	Integrated Studies: The Arts Concentration (BA)	INT
MAJ	Integrated Studies: Health & Fitness Concentration (BA)	INT
MAJ	Integrated Studies: Language Arts Concentration (BA)	INT
MAJ	Integrated Studies: Mathematics Concentration (BA)	INT
MAJ	Integrated Studies: Natural Sciences Concentration (BA)	INT
MAJ	Integrated Studies: Social Sciences Concentration (BA)	INT
PRG	Pre-Professional Health Sciences (PPHS)	INT
MIN	Leadership Studies Minor	INT
MAJ	Journalism (Communication)	INT
MIN	Information Studies Minor: Theology Emphasis	INT
MIN	Information Studies Minor: Art History & Visual Studies Emphasis	INT
MIN	Information Studies Minor: Art Emphasis	INT
MIN	Information Studies Minor: Communication Emphasis	INT
MIN	Information Studies Minor: Computer Science Emphasis	INT
MIN	Information Studies Minor: General Emphasis	INT
MIN	Information Studies Minor: History Emphasis	INT
MIN	Information Studies Minor: Philosophy Emphasis	INT
MIN	Information Studies Minor: Political Science Emphasis	INT
MIN	Information Studies Minor: Visual Communication Emphasis	INT
MIN	Ecotheology Minor	INT
MIN	Global Engagement Minor	INT

MIN Area of Study	<u>Interactive Computing & Art Minor</u> Title	IN School or College
MIN	<u>Data Analytics Minor</u>	INT
MAJ	<u>Honors Liberal Arts Major</u>	INT
MIN	<u>Honors Liberal Arts Minor</u>	INT
MAJ	<u>Apparel Design (BA)</u>	CAS: STEM & Soc Sci
MAJ	<u>Apparel Merchandising (BA)</u>	CAS: STEM & Soc Sci
MAJ	<u>Applied Human Biology (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Applied Mathematics (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Biochemistry (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Biology (BA)</u>	CAS: STEM & Soc Sci
MAJ	<u>Biology (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Cellular and Molecular Biology (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Chemistry (BA)</u>	CAS: STEM & Soc Sci
MAJ	<u>Chemistry (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Computer Engineering (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Computer Science (BA)</u>	CAS: STEM & Soc Sci
MAJ	<u>Computer Science (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Costume Design and Production (BA) (FCS Dept)</u>	CAS: STEM & Soc Sci
MAJ	<u>Criminal Justice (BA)</u>	CAS: STEM & Soc Sci
MAJ	<u>Ecology (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Electrical Engineering (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Family and Consumer Sciences Secondary Education (BA)</u>	CAS: STEM & Soc Sci
MAJ	<u>Food & Nutritional Sciences: Food & Nutrition Emphasis (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Food & Nutritional Sciences: Sports & Exercise Emphasis (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>General Engineering: Appropriate & Sustainable Eng (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>General Engineering: Mechanical Engineering Focus (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>General Engineering: No Concentration (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Human Development & Family Studies (BA)</u>	CAS: STEM & Soc Sci
MAJ	<u>Information Systems (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Interior Design (BA)</u>	CAS: STEM & Soc Sci
MAJ	<u>Interior Design Merchandising (BA)</u>	CAS: STEM & Soc Sci
MAJ	<u>Life Science (BA)</u>	CAS: STEM & Soc Sci
MAJ	<u>Mathematics (BA)</u>	CAS: STEM & Soc Sci
MAJ	<u>Mathematics (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Mechanical Engineering (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Nutrition and Dietetics (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Physical Sciences: 3/2 Program (BA)</u>	CAS: STEM & Soc Sci
MAJ	<u>Physics (BS)</u>	CAS: STEM & Soc Sci
MAJ	<u>Physics: General Emphasis (BA)</u>	CAS: STEM & Soc Sci
MAJ	<u>Physics with Education Focus (BA)</u>	CAS: STEM & Soc Sci

Area of Study	Title	College
	<u>Physiology (BS)</u>	STEM & College Sci
MAJ	<u>Sociology (BA)</u>	CAS: STEM & Soc Sci
MIN	<u>Apparel Design and Merchandising Minor</u>	CAS: STEM & Soc Sci
MIN	<u>Biology Minor</u>	CAS: STEM & Soc Sci
MIN	<u>Bioethics and Humanities Minor</u>	CAS: STEM & Soc Sci
MIN	<u>Chemistry Minor</u>	CAS: STEM & Soc Sci
MIN	<u>Computer Engineering Minor</u>	CAS: STEM & Soc Sci
MIN	<u>Computer Science Minor</u>	CAS: STEM & Soc Sci
MIN	<u>Costume Design and Production Minor (FCS Dept)</u>	CAS: STEM & Soc Sci
MIN	<u>Electrical Engineering Minor</u>	CAS: STEM & Soc Sci
MIN	<u>Food and Nutritional Sciences Minor</u>	CAS: STEM & Soc Sci
MIN	<u>General Engineering Minor</u>	CAS: STEM & Soc Sci
MIN	<u>Human Development & Family Studies Minor</u>	CAS: STEM & Soc Sci
MIN	<u>Ecotheology Minor</u>	CAS: STEM & Soc Sci
MIN	<u>Math Minor</u>	CAS: STEM & Soc Sci
MIN	<u>Physics Minor</u>	CAS: STEM & Soc Sci
MIN	<u>Anthropology Minor: Biological Anthropology</u>	CAS: STEM & Soc Sci
MIN	<u>Anthropology Minor: Linguistics</u>	CAS: STEM & Soc Sci
MIN	<u>Anthropology Minor: Cultural Anthropology</u>	CAS: STEM & Soc Sci
MIN	<u>Sociology Minor</u>	CAS: STEM & Soc Sci
MIN	<u>Urban Studies Minor</u>	CAS: STEM & Soc Sci
MIN	<u>Women's Studies Minor</u>	CAS: STEM & Soc Sci
MAJ	<u>Accounting (BA)</u>	SBGE
MAJ	<u>Business Administration: Economics (BA)</u>	SBGE
MAJ	<u>Business Administration: Finance (BA)</u>	SBGE
MAJ	<u>Business Administration: General Track (BA)</u>	SBGE
MAJ	<u>Business Administration: Information Systems (BA)</u>	SBGE
MAJ	<u>Business Administration: International Business (BA)</u>	SBGE
MAJ	<u>Business Administration: Management (BA)</u>	SBGE
MAJ	<u>Business Administration: Marketing (BA)</u>	SBGE
MAJ	<u>Business Administration: Public Policy (BA)</u>	SBGE
MAJ	<u>Business Administration: Social Enterprise (BA)</u>	SBGE
MAJ	<u>Economics: Business Analysis (BA)</u>	SBGE
MAJ	<u>Economics: Development Economics (BA)</u>	SBGE
MAJ	<u>Economics: Financial Economics (BA)</u>	SBGE
MAJ	<u>Economics: General Track (BA)</u>	SBGE
MAJ	<u>Economics: Public Policy (BA)</u>	SBGE
MAJ	<u>Global Development Studies (BA)</u>	SBGE
MAJ	<u>Political Science: General Track (BA)</u>	SBGE
MAJ	Political Science: International Affairs Track (BA)	SBGE

Area of Study	Title	School or College
MAJ	<u>Political Science: Public Policy and Law Track (BA)</u>	SBGE
MAJ	<u>Politics, Philosophy & Economics: Applied Economics (BA)</u>	SBGE
MAJ	<u>Politics, Philosophy & Economics: Financial Economics (BA)</u>	SBGE
MAJ	<u>Politics, Philosophy & Economics: International Affairs (BA)</u>	SBGE
MAJ	<u>Politics, Philosophy & Economics: Law (BA)</u>	SBGE
MAJ	<u>Politics, Philosophy & Economics: Philosophy (BA)</u>	SBGE
MAJ	<u>Politics, Philosophy & Economics: Public Administration (BA)</u>	SBGE
MAJ	<u>Politics, Philosophy & Economics: Social Enterprise (BA)</u>	SBGE
MIN	<u>Accounting Minor</u>	SBGE
MIN	<u>Business Administration Minor</u>	SBGE
MIN	<u>Entrepreneurship Minor</u>	SBGE
MIN	<u>Economics Minor</u>	SBGE
MIN	<u>Political Science Minor</u>	SBGE
MAJ	<u>Special Education: Cert Requirements: Elementary (BA)</u>	SOE
MAJ	<u>Special Education: Cert Requirements: Secondary (BA)</u>	SOE
MAJ	<u>Special Education: Educational Ministry Emphasis (BA)</u>	SOE
MAJ	<u>Special Education: Special Education Studies (BA)</u>	SOE
PRG	<u>Elementary Certification</u>	SOE
PRG	<u>Secondary Certification</u>	SOE
PRG	<u>P-12 Health/Fitness Certification Requirements</u>	SOE
PRG	<u>P-12 Music Certification Requirements</u>	SOE
PRG	<u>P-12 Theater Certification Requirements</u>	SOE
PRG	<u>P-12 Visual Art Certification Requirements</u>	SOE
MAJ	<u>Exercise Science (BS)</u>	SHS
MAJ	<u>Health and Fitness Education (BA)</u>	SHS
MAJ	<u>Nursing (BS)</u>	SHS
MIN	<u>Exercise Science Minor</u>	SHS
MIN	<u>Health and Fitness Minor</u>	SHS
MIN	<u>Coaching Science Minor</u>	SHS
MAJ	<u>Psychology BA: Animal Behavior Track</u>	SPFC
MAJ	<u>Psychology BA: Clinical-Counseling Psychology Track</u>	SPFC
MAJ	<u>Psychology BA:Community Psychology & Behavioral Health Track</u>	SPFC
MAJ	<u>Psychology BA: Cross-Cultural Track</u>	SPFC
MAJ	<u>Psychology BA: Data Analytics Track</u>	SPFC
MAJ	<u>Psychology BA: Developmental Psychology Track</u>	SPFC
MAJ	<u>Psychology BA: Psychological Science Track</u>	SPFC
MAJ	<u>Psychology BA: Social-Personality Psychology Track</u>	SPFC
MAJ	<u>Psychology BA: Sports Psychology Track</u>	SPFC
MAJ	<u>Psychology BS: Animal Behavior Track</u>	SPFC

Area of Study	Title	School or College
MAJ	<u>Psychology BS: Behavioral and Cognitive Neuroscience Track</u>	SPFC
MAJ	<u>Psychology BS: Psychological Science Track</u>	SPFC
MIN	<u>Psychology Minor</u>	SPFC
MAJ	<u>Christian Theology (BA)</u>	SOT
MIN	<u>Youth Ministry Minor</u>	SOT
MIN	<u>Worship Arts Leadership Minor</u>	SOT
MIN	<u>Christian Discipleship Minor</u>	SOT
MIN	<u>Reconciliation Studies Minor</u>	SOT
MIN	<u>Global and Urban Ministry Minor</u>	SOT
MIN	<u>Educational Ministry Minor</u>	SOT
MIN	<u>Christian Scripture Minor</u>	SOT
MIN	<u>Ecotheology Minor</u>	SOT

College and Schools



The clear Christian commitment of Seattle Pacific University has remained the same since 1891. The institution continues to believe that the finest education is informed by Christian faith. As a university, Seattle Pacific has a mission of intellectual inquiry. Believing that the Christian faith calls it to excellence — both intellectually and spiritually — the University actively strives to provide the highest quality education available. In keeping with this, academic freedom and integrity are highly prized.

What does this mean for you? It means that you are taught by professors who approach their discipline from a Christian perspective. But you and other students are not told what to believe. Instead, through the educational process of inquiry, discussion, and experience, you are encouraged to develop a mature, personal faith.

You are challenged at SPU. And the University seeks to create an environment that balances freedom and support as students grapple with difficult questions. The goal is to help students emerge with an even deeper Christian conviction and a desire for Christian leadership and service.

- [College of Arts and Sciences: Division of Arts and Humanities](#)
- [College of Arts and Sciences: Division of Sciences](#)
- [School of Business, Government, and Economics](#)
- [School of Education](#)
- [School of Health Sciences](#)
- [School of Psychology, Family, and Community](#)
- [School of Theology](#)

Honors Program

[Christine Chaney, PhD, Director](#)

Honors [Faculty](#)

The [SPU Honors Program](#) is an accelerated alternative to the regular General Education curriculum for intellectually curious and academically motivated students at Seattle Pacific University. It requires fewer overall credits, but in a challenging, inquiry-based, and inclusive program that asks University honors students to go deeper into the key questions at the heart of our lives, our faith, and our world. **Successful completion of all requirements leads to a Bachelor of Arts degree in Honors Liberal Arts as a second or co-major only.**

SPU Honors is also a close-knit community of students and faculty members committed to academic excellence in a spirit of dialogue, collaboration, and intellectual hospitality. We are guided by the key liberal arts question “What does it mean to be human?” and the foundational curricular values of interdisciplinarity, critical inquiry, equity, inclusion, and service.

HONORS LIBERAL ARTS MAJOR AND MINOR

Honors students will receive a second (or “co-major”) Bachelor of Arts Degree in Honors Liberal Arts, alongside their regular disciplinary major, upon successful completion of the program. A minor in Honors Liberal Arts is also available for interested students.

Learn about the [BA in Honors Liberal Arts](#).

As a University Scholar in the Honors Program, you will:

- Learn from and engage with world-class faculty from across the disciplines
- Push yourself to use the intellectual, personal, creative, and social abilities God has given you
- Discover what it means to learn in a rich intellectual community of fellow scholars
- Forge deep, lifelong friendships with other honors students over your years in the program
- Graduate prepared to join the ranks of SPU honors alumni who have gone on to success in careers and graduate programs

“What does it mean to be human?”

This question is an over-arching theme of the honors curriculum. And we ask this question in an inter-connected and interdisciplinary set of courses, forming a close-knit learning community of students and faculty members seeking and inquiring together. More detailed honors course specifics can be found [here](#).

A limited number of students are accepted into the honors program every year and there is always a waiting list for admission. Students can apply to join SPU honors at any year during their time at SPU.

If you are interested in learning more, please explore this website for further information about courses, professors, students, alumni, and application information. And always feel free to contact the Honors Program Director Christine Chaney at cchaney@spu.edu.

Additional competencies and requirements

- **To remain in the program,** every honors student must participate in their choice of a wide range of approved service and leadership opportunities and complete an annual service/leadership self-reflection report.

- **Attendance is required three times** a year for all students at the quarterly all-honors Touchstone Banquet.

LEAVING THE PROGRAM

Infrequently students determine that the Honors program is not a good fit for their academic goals.

- Students wishing to leave the program must meet with the program director for consultation.
- Those who were pursuing the BA in Honors Liberal Arts co-major may choose to pursue the Honors Liberal Arts Minor instead of leaving the program.
- Students leaving the program and those completing the minor are required to meet all requirements in the SPU standard General Education curriculum.
- Many Honors courses will fulfill requirements in the standard General Education curriculum.

History Programs

Historical study at SPU invites students to discover the complex worlds of the past across the globe, exploring cultural, political, and economic connections within and among societies.

Our program emphasizes the usefulness of History in understanding social and economic inequalities and challenges, and the role that History can play in crafting solutions. As we study the past, we cultivate the practice of empathy and foster Christian hope for the future.

As a History or Asian Studies major at SPU, you will be engaged in programs that prepare you for service by studying the past as it relates to the present and to the future. Our approach affirms worthy heritages, welcomes long-neglected voices, applies innovative tools, interacts with other fields of study, and cultivates the virtue of hope in a world both deeply divided and globally interwoven.

Find out more about this program's [mission, vision, and learning outcomes](#).

DEGREE PROGRAMS

- [Asian Studies](#) (major and minor)
- [History](#) (major, minor, and tracks)
- [Museum Studies](#) (minor)

English and Cultural Studies Programs

When you major or minor in English or major in Social Justice and Cultural Studies, you will immerse yourself in words, whether in the form of great works of literature from the past or in the form of contemporary cultural texts.

As you delve into your major or minor, you will read carefully and think critically, interpreting poems and stories and cultural artifacts of all kinds, including some sound and image.

Through words and other media, you will share the embodied experience of all kinds of people in our diverse nation and world. You will also have the opportunity to express yourself in words of your own, whether you are writing academic papers or poems, stories, and personal essays.

DEGREE PROGRAMS

- [English](#) (major, minor, and concentrations)
- [Social Justice and Cultural Studies](#) (major)

College of Arts and Sciences: Division of STEM and Social Sciences



[Sandra Hartje](#), PhD, Co-Dean of the Division of STEM and Social Sciences

[Derek Wood](#), PhD, Co-Dean of the Division of STEM and Social Sciences

The College of Arts and Sciences (CAS) at Seattle Pacific University offers undergraduate majors in 16 different disciplines, as well a graduate program. As home to humanities, arts, and social and natural sciences, CAS provides a foundation of liberal learning and skills in reasoning, critical thinking, and communication.

Central to the CAS mission is contributing to the formation of a mature Christian faith and the development of the whole person. Graduates of the CAS are prepared for lives of continuing learning and responsiveness to a changing world.

DIVISION OF STEM AND SOCIAL SCIENCES

STEM (Science, Technology, Engineering, Math) Departments

- [Biology Programs](#)
- [Chemistry and Biochemistry](#)
- [Computer Science and Information Systems](#)
- [Engineering Programs](#)
 - [Computer Engineering](#)
 - [Electrical Engineering](#)
 - [General Engineering](#)
 - [Mechanical Engineering](#)
 - [Physical Science \(3:2 Transfer Program\)](#)
- [Mathematics and Applied Mathematics](#)

Physics

- PHYSICS

Social Sciences Departments

- Family and Consumer Sciences Programs
 - Apparel Design and Merchandising
 - Costume Design and Production
 - Family and Consumer Sciences Secondary Education
 - Food and Nutritional Sciences
 - Human Development and Family Studies
 - Interior Design
- Sociology Programs
 - Anthropology
 - Criminal Justice
 - Sociology
 - Urban Studies
 - Women's Studies

Languages, Cultures, and Linguistics

Languages, Cultures, and Linguistics Faculty

The Department of Languages, Cultures, and Linguistics seeks to help students:

- **Understand and appreciate** the rich diversity of world languages and cultures, both ancient and modern.
- **Achieve communicative proficiency**, both productive and receptive, in languages other than English.
- **Cultivate an appreciation for world literature(s)** in order to deepen the study of languages and cultures.
- **Understand the structure of language** through the study of linguistics.

The languages offered at SPU include Chinese, French, Greek, Latin, and Spanish. We also offer an “Academic English for Success” class to support international students with their English skills.

PROGRAMS AND COURSES

- Classics (major and minor)
- French and Francophone Studies (major and minor)
- Linguistics and Cultural Studies (major and minor)
- Mandarin Chinese (1000- and 2000-level courses)
- Spanish Studies (major, minors, and tracks)

PLACEMENT TEST

If you've studied a foreign language and are an incoming student, you are required to take the online placement exam. This exam is for placement purposes only and cannot be used to satisfy the proficiency requirement.

HIGH SCHOOL PREPARATION

Three years or more of language study in high school are strongly recommended for all students entering one of the degree programs in the Languages, Cultures, and Linguistics Department.

Washington Direct Transfer Agreements (DTA) and Comparable Degrees

If you complete an approved Direct Transfer Agreement (DTA) associate degree from a Washington state 2-year public institution before you begin classes at Seattle Pacific, you will enter SPU with all Exploratory Curriculum, Academic and Disciplinary Writing (WRI), and University Core (UCOR) requirements fulfilled, as well as the foreign language proficiency requirement. Generally, you will enter with 90 credits and junior standing, which exempts you from University Foundation 1000 The Christian Faith. All students entering with junior or senior standing must complete UFDN 3001 Christian Scripture and UFDN 3100 Christian Theology.

DTA associate degrees from Washington state community and technical colleges that transfer directly to SPU to fulfill University Core and Exploratory Curriculum requirements are listed below.

SPU also accepts these DTA degrees with corresponding Major-Related Programs (MRPs) in biology, business, computer science, and pre-nursing. If you complete one of the MRPs that SPU does not accept, we will still recognize your DTA associate degree, with all of the benefits of that degree.

- **Bellevue College**, Associate in Arts and Sciences
- **Bellingham Technical College**, Associate with DTA/MRP
- **Big Bend Community College**, Associate in Arts and Science
- **Cascadia Community College**, Associate in Integrated Studies
- **Centralia College**, Associate in Arts, Associate in Liberal Arts
- **Clark College**, Associate in Arts
- **Clover Park Technical College**, Associate with DTA/MRP
- **Columbia Basin Community College**, Associate in Arts and Sciences
- **Edmonds Community College**, Associate in Arts
- **Everett Community College**, Associate in Arts and Sciences
- **Grays Harbor College**, Associate in Arts
- **Green River Community College**, Associate in Arts
- **Highline Community College**, Associate of Arts, Option A
- **Lake Washington Institute of Technology**, Associate with DTA/MRP
- **Lower Columbia College**, Associate in Arts-Direct Transfer Agreement
- **North Seattle College**, Associate in Arts, Associate of Science
- **Northwest Indian College**, Associate of Arts and Sciences
- **Olympic College**, Associate of Arts-Direct Transfer Agreement
- **Peninsula College**, Associate in Arts, Associate in Arts-Honors
- **Pierce College, Ft. Steilacoom**, Associate of Arts
- **Pierce College, Puyallup**, Associate of Arts
- **Penton Technical College**, Associate with DTA/MRP

- **Western Technical College**, Associate with B Training
- **Seattle Central College**, Associate in Arts, Associate of Science
- **Shoreline Community College**, Associate in Arts
- **Skagit Valley College**, Associate in Arts, University and College Transfer
- **South Puget Sound Community College**, Associate in Arts
- **South Seattle College**, Associate of Arts, Associate of Science
- **Spokane Community College**, Associate in Arts
- **Spokane Falls Community College**, Associate in Arts
- **Tacoma Community College**, Associate in Arts and Sciences, Option A
- **Walla Walla Community College**, Associate in Arts
- **Wenatchee Valley College**, Associate in Arts and Sciences
- **Whatcom Community College**, Associate in Arts and Sciences
- **Yakima Valley College**, Associate of Arts

OREGON TRANSFER DEGREES

The Associate Degrees from Oregon public two-year institutions that transfer directly to SPU to fulfill University Core and Exploratory Curriculum requirements are the Associate of Arts/Oregon Transfer (AAOT) degree, the Associate of Science/Oregon Transfer Degree-Business (ASOT-B), and the Associate of Science/Oregon Transfer Degree-Computer Science (ASOT-CS).

If you have earned one of these degrees prior to matriculation at SPU, you will enter with all your Exploratory Curriculum, University Core (UCOR), and Academic and Disciplinary (WRI) requirements fulfilled, as well as proficiency requirements in foreign language. Generally, students will enter with 90 credits and junior standing, which exempts them from University Foundation 1000 The Christian Faith, one of the three UFDN courses required for all SPU students. If you enter as a junior or senior, you still will need to complete UFDN 3001 Christian Scripture and UFDN 3100 Christian Theology.

CALIFORNIA IGETC CURRICULUM AND ASSOCIATE DEGREES

If you earn an Associate degree from a regionally accredited public two-year California school along with the IGETC (Intersegmental General Education Transfer Curriculum) before you begin classes at Seattle Pacific, you will enter SPU with your Exploratory Curriculum, University Core (UCOR), and Academic and Disciplinary (WRI) requirements fulfilled, as well as proficiency requirements in foreign language.

Generally, that means you will enter with 90 credits and junior standing, which exempts you from University Foundation 1000 The Christian Faith. All students entering with junior or senior standing must complete UFDN 3001 Christian Scripture and UFDN 3100 Christian Theology.

College of Arts and Sciences: Division of Arts and Humanities



[Rebecca Rice](#), PhD, Interim Dean of the Division of Arts and Humanities

The College of Arts and Sciences (CAS) at Seattle Pacific University offers undergraduate majors in 16 different disciplines, as well as a graduate program. As home to humanities, arts, and social and natural sciences, CAS provides a foundation of liberal learning and skills in reasoning, critical thinking, and communication.

Central to the CAS mission is contributing to the formation of a mature Christian faith and the development of the whole person. Graduates of the CAS are prepared for lives of continuing learning and responsiveness to a changing world.

DIVISION OF ARTS AND HUMANITIES

Fine and Performing Arts Departments

- [Art](#)
- [Music](#)
 - [Music Therapy](#)
- [Theatre](#)

Humanities Departments

- [Communication, Journalism, and Film](#)
- [English and Cultural Studies programs](#)
 - [English](#)
 - [Social Justice and Cultural Studies](#)
- [History programs](#)

- [Asian Studies](#)
- [History](#)
- [Languages, Cultures, and Linguistics programs](#)
 - [Classics](#)
 - [French and Francophone Studies](#)
 - [Linguistics and Cultures](#)
 - [Spanish Studies](#)
- [Philosophy](#)

Biology Programs

[Biology Faculty](#)

ABOUT THE BIOLOGY DEPARTMENT

Biology majors at Seattle Pacific University graduate with a broad understanding of living organisms. Through immersion in scientific inquiry and problem solving, you'll develop fundamental skills and knowledge for entering a wide range of careers, including those in medicine, environmental science, research, and teaching.

The primary goals of the department include:

- **Cultivating students** who understand and apply the scientific method to the study of life.
- **Preparing students** to think critically and effectively communicate biological principles.
- **Producing graduates** who make informed decisions based on reliable evidence and guided by their Christian worldview.
- **Emboldening graduates** to lead lives of grace-filled wholeness, and personal and professional integrity.

Find out more about this program's [mission, vision, and learning outcomes](#).

PROGRAMS OFFERED

- [Applied Human Biology](#) (major)
- [Biology](#) (majors)
- [Biology](#) (minors)
- [Cellular and Molecular Biology](#) (major)
- [Ecology](#) (major)
- [Life Science](#) (major)
- [Physiology](#) (major)

Learn more about these [interdisciplinary biology programs](#).

- Biological Anthropology (minor)
- Bioethics and Humanities (minor)
- Ecotheology (minor)

Please consult with your faculty advisor to select the best major for your interests. Be sure to discuss coursework modifications that may be required to meet your specific career goals.

UNDERGRADUATE RESEARCH

Many biology majors will require you to complete an undergraduate research project for graduation. You will collaborate with a faculty member on an investigation that requires a formal proposal (BIO 4978), and participation in original research and public presentation of your results (BIO 4979).

No more than 6 credits of courses numbered from BIO 4900 through 4999 may be applied to any major.

Please visit the [Biology Department website](#) for more information on research opportunities.

Please visit the [Biology Department website](#) for more information on research opportunities.

RELATED PROGRAMS

Pre-Professional Health Programs

SPU offers specialized faculty advising in the [Pre-Professional Health Sciences](#) (PPHS) to help prepare you for acceptance into graduate-level professional health programs including medicine, osteopathic medicine, dentistry, veterinary medicine, physicians assistant, optometry, pharmacy, physical therapy, and occupational therapy.

Future teachers

[VIEW DEGREE REQUIREMENTS](#)

- [Integrated Studies: Natural Sciences Concentration \(BA\)](#)

Elementary Teacher Certification

If you plan to obtain elementary Residency Teacher Certification and are interested in teaching science, you must select the [Integrated Studies major](#) with a concentration in the natural sciences.

- **This concentration includes courses in biology**, physics, and chemistry. mathematics, physical education, and natural sciences courses.
- **Questions may be directed to the faculty advisor** for the natural sciences concentration, Dr. Kara Gray (greyk5@spu.edu).

Secondary Teacher Certification

Students planning to seek Secondary Teacher Certification should pursue one of the Biology majors. Please meet with your advisor to select the most appropriate option.

Communication, Journalism, and Film

PROGRAMS OFFERED

- Communication (major, minor, and track)
- Film Studies (major and minor)
- Journalism (minor and track)

Communication, Journalism, and Film Faculty

When you major or minor in the Department of Communication, Journalism, and Film, you are prepared to understand communication as a social, intellectual, ethical, and artistic process. You will learn to engage in communication, journalism, and film as a responsible human behavior.

Find out more about this program's [mission, vision, and learning outcomes](#).

COMMUNICATION (BA)

VIEW DEGREE REQUIREMENTS

- [Communication: Communication Studies Track \(BA\)](#)
- [Communication: Journalism Track \(BA\)](#)

Communication Studies

The [Communication Studies](#) track of this major provides you opportunities to develop communication skills, explore values, and acquire techniques of insight and critical reasoning. Emphasis is placed on person-to-person contact in both private and public settings.

Journalism

The [Journalism](#) track of this major educates, trains, and prepares you to engage in a career in journalism. This track provides many opportunities, both inside and outside the classroom, to develop written and oral communication skills, explore values, and acquire techniques of insight and critical reasoning. Emphasis is placed on mediated communication in public settings.

- **A minimum 60–63 credits are required for the Communication major**, including 25–28 upper-division credits.
- **You will choose one of two tracks** — Communications Studies or Journalism Track — when you major in Communication.
- **The General Core in this major is 35 credits**, including “Public Speaking” and “Communication Ethics.” This major also includes 10 elective credits.
- **During your senior year**, you will choose one Senior Seminar such as “Persuasive Campaigns,” “Gender Communication,” or “Rhetoric of Dissent.”

FILM STUDIES (BA)

VIEW DEGREE REQUIREMENTS

- [Film Studies \(BA\)](#)

The Film Studies major prepares you to become a creative and informed writer, audience member, and practitioner of film, through a deeper understanding of film art, history, aesthetics, criticism, and production.

You will develop skills that are at the heart of a liberal arts education, including writing, critical thinking, and problem solving. The major provides an array of course offerings informed by a Christian perspective, with the aim of graduating students of competence and character who are prepared for professional careers, advanced study, and service. Primary goals include:

Cinema literacy: You will practice critical media literacy within the contexts of American and international cinemas.

Historical literacy: You will understand the formation of the American film industry and the pivotal roles movies have played in shaping American and international cultures.

Creative practice: This major prepares a generation of film critics, audiences, and professionals.

- **A minimum 65 credits** are required for this major, including 30 upper-division credits.
- **This program partners with the [L.A. Film Studies Center](#)**, a BestSemester program of the Council for Christian Colleges and Universities. A semester at the LAFSC can serve as credits toward the Film Studies major.

COMMUNICATION AND JOURNALISM MINORS

VIEW DEGREE REQUIREMENTS

- [Journalism Minor](#)
- [Communication Minor](#)
- **A minimum 30 credits are required for these minors**, including 15 upper-division credits.

FILM STUDIES MINOR

VIEW DEGREE REQUIREMENTS

- [Film Studies Minor](#)

A Film Studies minor unites Seattle Pacific's liberal arts tradition with a focus on film history and art. Much like those who pursue the major, students who minor in Film Studies will possess a range of skills that prepares them for success in many professions, especially ones that involve critical thinking, writing, and visual literacy. The minor complements any number of majors and is also solid preparation for graduate study.

A minimum 30 credits are required for this minor, including 15 upper-division credits.

The 20 credits of core requirements include FLM 2001 Film History I: Beginnings–1960 and FLM 3000 Directors and Genres.

This minor's electives will be chosen from a list of film, English, and communication courses.

ENTERING AND COMPLETING A MAJOR OR MINOR IN THIS DEPARTMENT

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

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- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Engineering Programs

Engineering Faculty

Engineers work for the benefit of humankind and our world by applying knowledge of the mathematical and natural sciences in ways that responsibly utilize the materials and forces of nature in service to God.

At Seattle Pacific University, our Engineering programs provide a supportive environment for integrating the Christian calls for service and stewardship together with engineering problem-solving skills with a focus on critical thinking and communication.

As an SPU engineering student, you will develop these skills through an academically challenging curriculum with hands-on, design-oriented applications in a Christ-centered community supported by a dedicated and easily accessible faculty. With these foundations, you will be well prepared to engage our culture's technical challenges to change the world for the benefit of humankind and God's creation.

Find out more about this department's [mission, vision, and learning outcomes](#).

DEGREE PROGRAMS

- [Computer Engineering](#) (major and minor)
- [Electrical Engineering](#) (major and minor)
- [General Engineering](#) (major, minor, and concentrations)
- [Mechanical Engineering](#) (major)
- [3:2 Program: Physical Sciences](#) (major)

INCOMING FRESHMEN

If you are a recent high school graduate and intend to enter the Engineering Program, in addition to meeting all the general SPU admission requirements, you should present a high school record showing four years of mathematics, one year each of physics and chemistry, and three years of a foreign language.

Those students entering without some of these courses should consult an engineering advisor to determine an appropriate path through the Engineering curriculum.

Engineering Colloquium and writing

Engineering freshmen should enroll in an Engineering section of Colloquium during Autumn Quarter. Engineering students should enroll in an Engineering section of WRI 1100.

TRANSFER STUDENTS

Detailed information on preparing to transfer to SPU to study engineering is available in the Engineering Department's [transfer student web page](#).

INTERNSHIP PROGRAM

All Engineering majors are required to participate in an engineering-related internship with industry or another career entity.

- **Your internship must include a minimum of 200 hours of work.** In most cases, you will be paid by the employer.
- **Normally, students complete internships during the summer** between their junior and senior years.
- **The Engineering and Computer Science Department** will provide information to help you find internships, but you are individually responsible for locating and completing an appropriate internship.

FUNDAMENTALS OF ENGINEERING EXAM

- **All Engineering seniors are urged to take** the Washington State Department of Licensing Fundamentals of Engineering (FE) exam. Those passing the test are certified by the state of Washington as licensed engineers-in-training.

Music Programs

Music Faculty

When you choose an academic major or minor in the Music Department, you will find the music program:

- **Provides opportunities** for all students to study music as an essential part of a liberal arts education in a comprehensive university.
- **Encourages you** to develop your fundamental musical talent and performance skills along with 21st century musicianship skills.
- **Recognizes the interrelationship** between music, our communities, and the other creative arts.
- **Challenges you** to become a socially conscious artist dedicated to creating positive change in our communities.

PROGRAMS OFFERED

- Music (major, concentrations)
- Music Education (major)
- Music Therapy (major)
- Music (minors)

ACCREDITATION

Seattle Pacific's Music program is a fully accredited member of the National Association of Schools of Music (NASM). It also maintains membership with the National Association for Music Education (NAfME) and the Washington Music Educators Association (WMEA). The Music Therapy program is accredited by the American Music Therapy Association.

Find out more about this program's mission, vision, and learning outcomes.

Mathematics and Applied Mathematics

PROGRAMS OFFERED

- Mathematics (majors and minor)
- Applied Mathematics (major)
- Data Analytics (minor)

Mathematics Faculty

The Mathematics Department at Seattle Pacific University seeks to provide excellent instruction to enable you to be competent in the mathematics required for your chosen field, and to share our expertise with the community through service and leadership.

Find out more about this department's [mission, vision, and learning outcomes](#).

MATHEMATICS (BA)

VIEW DEGREE REQUIREMENTS

- [Mathematics \(BA\)](#)

The BA in Mathematics is designed to provide you with a good general background in mathematics. As a mathematics major, you will learn analytical skills that can be used in a wide variety of fields.

- **A minimum 64 credits are required for this major**, including 35 upper-division credits.
- **This BA is an excellent background for students interested in mathematics** as a liberal arts major and for those who wish to teach mathematics at the secondary level.
- **If you are pursuing an endorsement in Secondary Education**, you must take MAT 3401 and either MAT 3333 or MAT 3360 as part of the 12 mathematics elective credits for the BA.
- **A maximum of 2 credits in MAT 4930** may be applied.

MATHEMATICS (BS)

VIEW DEGREE REQUIREMENTS

- [Mathematics \(BS\)](#)

The BS in Mathematics is designed to prepare you for graduate work or a professional career in mathematics.

- **A minimum 72 credits are required for this major**, including a minimum of 40 upper-division credits.
- **15 credits in related, approved courses** in which mathematics is applied are also required.
- **Courses MAT 4363 and MAT 4830** are strongly recommended for the BS.
- **You must maintain a minimum 2.5 GPA for all mathematics courses** to earn the BS in Mathematics.
- **If you plan to pursue graduate work in mathematics**, you are strongly advised to take further work in real analysis in the upper-division program and to acquire a reading knowledge of [French](#), German, or [Russian](#).

APPLIED MATHEMATICS (BS)

VIEW DEGREE REQUIREMENTS

- [Applied Mathematics \(BS\)](#)

The BS in Applied Mathematics is a flexible, yet demanding, major designed for students interested in careers involving the applications of mathematics in a particular field.

In addition to completing coursework in mathematics, you must select a field of concentration in which mathematics is applied, and complete coursework in both fields. Example programs of study can be found on the [Mathematics Department website](#).

- **A total 78 credits are required for this major**, including courses in mathematics and computer science, and a minimum of 20 credits in an applied field.
- **A minimum 47 upper-division credits are required**, including 27 in mathematics and 20 in the applied field.
- **Courses MAT 3237, 3238 and 3360 are strongly recommended** as part of the upper-division electives for the BS in Applied Mathematics.
- **CSC 2430 may replace CSC 2230** for students emphasizing computing in their applied field.
- **All upper-division elective courses for the major must be approved by the Mathematics Department.** In consultation with your faculty advisor, you must submit an individual plan specifying your field of concentration and listing the upper-division elective courses you intend to take. This plan should be submitted and approved before you have completed more than two of your upper-division elective courses in either Mathematics or the applied field.
- **At least three of your upper-division courses in the applied field** should be mathematically oriented.

Note: Upper-division courses in the applied field will typically have lower-division prerequisites not listed in the credit total. Depending on the choice of concentration, you may have as many as 25 credits of necessary lower-division course work outside the major.

MATHEMATICS MINOR

VIEW DEGREE REQUIREMENTS

- [Math Minor](#)

If you intend to minor in Mathematics, begin with the calculus series: MAT 1234, MAT 1235, and MAT 1236, which are prerequisite to most upper-division courses.

- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **All upper-division electives** for the Mathematics minor must be approved by the Mathematics Department faculty.
- **MAT 3749 and MAT 4402** are strongly recommended for all minors.
- **A secondary teaching minor** must include MAT 3749, MAT 4402, and MAT 3442.
- **A maximum of 3 credits** in MAT 4904 or MAT 4930 may be applied.

DATA ANALYTICS

Data analytics (DA) uses data-driven techniques to transform raw data into useful information — information that may be used to identify and solve problems, evaluate claims and make inferences, and influence human decisions and machine models. [Learn more](#) about this interdisciplinary minor.

ENTERING AND COMPLETING A MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

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FUTURE TEACHERS

[VIEW DEGREE REQUIREMENTS](#)

- [Integrated Studies: Mathematics Concentration \(BA\)](#)

Elementary Teacher Certification

If you plan to obtain Residency Teacher Certification (K–8) and are interested in mathematics, you must major in the [Integrated Studies major](#) with a concentration in mathematics.

- This concentration consists of courses in calculus, algebra, geometry, and statistics.
- The advisor for the mathematics concentration is Professor Jerilynn Lepak (lepakj@spu.edu).

Secondary Teachers Certification

If you plan to obtain secondary (high school) Residency Teacher Certification with endorsement in mathematics, you should pursue a BA in Mathematics, and you must also complete [Requirements for Secondary Certification](#) through the School of Education.

If you intend to become a teacher, visit the [School of Education](#) for complete information.

INCOMING STUDENTS

High school preparation

Three years of high school mathematics, including trigonometry, are required for all students entering one of the

degree programs. However, if you intend to make mathematics your career, you are urged to take a minimum of four years of high school mathematics.

Students deficient in their high school mathematics preparation must take the appropriate courses below the calculus level in consultation with the Mathematics Department to make up the deficiency before starting one of the math degree programs.

Advanced Placement

Check the [AP, Cambridge International, and IB transfer chart](#) to see how your test scores may count toward mathematics course requirements.

Mathematics placement

Appropriate placement into mathematics courses depends upon your intended major, as well as eligibility criteria. See [Mathematics Placement](#) for details.

Family and Consumer Sciences

Family and Consumer Sciences Faculty

Family and Consumer Sciences (FCS) is an integrated discipline that serves families and individuals by providing holistic, interdisciplinary, integrative, and preventative perspectives in addressing the needs of individuals and families as consumers.

FCS views families as the fundamental social unit and understanding individuals and families is central to each FCS major offered. Specifically, the mission of Family and Consumer Sciences is "to prepare students to engage the culture and offer solutions to problems faced by individuals, families, and communities that involve food, clothing, shelter, and relationships."

Our graduates become scientists, designers, merchandisers, counselors, leaders, and educators in the apparel, interiors, and food and nutrition fields.

Find out more about this department's [mission, vision, and learning outcomes](#).

DEGREE PROGRAMS

- [Apparel Design and Merchandising](#)
- [Costume Design and Production](#)
- [Family and Consumer Sciences Secondary Education](#)
- [Food and Nutritional Sciences](#)
- [Human Development and Family Studies](#)
- [Interior Design](#)

Computer Science and Information Systems

PROGRAMS OFFERED

- Computer Science (majors and minor)
- Data Analytics (minor)
- Information Systems (major)
- Interactive Computing and Art (minor)

[Computer Science Faculty](#)

Majors in Computer Science and Information Systems are designed to prepare you to

- **Employ critical thinking skills** and efficient computer-based methods to analyze and solve challenging problems.
- **Utilize computing technologies** in a socially responsible manner.
- **Apply your expertise** wherever you serve in the world.

We offer a balanced program of studies in the theoretical and applied aspects of modern computing-related disciplines, informed by a Christian worldview. Our goal is to graduate students equipped for continued professional development and service.

The computing sciences encompass a broad and evolving group of related disciplines. SPU's Engineering and Computer Science Department offers majors in [Computer Science](#), [Computer Engineering](#) and Information Systems, plus minors in Computer Science and Computer Engineering. We also collaborate with [Mathematics](#) through their [Applied Mathematics](#) major with emphasis in Computational Mathematics, and with [Philosophy](#) through their Technical Track, as well collaborating in two interdisciplinary minors: [Interactive Computing and Art](#); and [Data Analytics](#).

Transfer students are welcome in our programs. Learn more about the [quickest path to completion](#) of a Computer Science or Information Systems major at the Engineering and Computer Sciences Department website.

Which is the right program for you? That depends on what *you* want to do with computers. Additional information on career paths in the computing disciplines can be found at the [ACM Computing Degrees and Careers](#) website.

Find out more about this department's [mission, vision, and learning outcomes](#).

INTERNSHIP PROGRAM

All Computer Science and Information Systems majors are required to participate in an internship in their respective field with industry or another career entity.

- **Your internship must include a minimum of 200 hours of work.** In most cases, you will be paid by the employer.
- **Normally, students complete internships during the summer** between their junior and senior years.
- **The Engineering and Computer Science Department** will provide information to help you find internships, but you are individually responsible for locating and completing an appropriate internship.

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COMPUTER SCIENCE (BA)

[VIEW DEGREE REQUIREMENTS](#)

- [Computer Science \(BA\)](#)

The BA in Computer Science is a particularly good major if you wish to double-major or minor in another field. This major emphasizes problem-solving, organizing and synthesizing ideas, and applications of computing theory. Graduates are well-suited for projects that apply computing to other disciplines.

- **A minimum 74 credits are required for this major**, including 41 upper-division credits.
- **You will complete 15 courses total in Computer Science**, encompassing the major topics of the discipline.
- **A senior project and required internship** provide opportunities to apply computer-based problem-solving techniques in an area of interest.
- **Mathematics courses** in applied calculus, computer math, and statistics complete the major requirements.

COMPUTER SCIENCE (BS)

[VIEW DEGREE REQUIREMENTS](#)

- [Computer Science \(BS\)](#)

The BS in Computer Science is the traditional degree in computer science, and prepares you for a professional career or graduate studies in the discipline. The major emphasizes scientific, quantitative, and engineering problem-solving.

- **A minimum 108 credits are required for this major**, including 46 upper-division credits.
- **The BS in Computer Science includes a core** that provides you with a broad background in the topics of computer science, *plus* a choice of three senior-level technical electives that allow you to explore these or other topics in greater depth.
- **A Senior Project and required internship** provide opportunities to apply your core knowledge to more advanced problems.
- **This computing curriculum is supported by** related coursework in mathematics, electrical and computer engineering, and the natural sciences.

INFORMATION SYSTEMS (BS)

[VIEW DEGREE REQUIREMENTS](#)

- [Information Systems \(BS\)](#)

The BS in Information Systems is designed to provide you with a strong foundation in both the technical and organizational aspects of information systems. Graduates are well-prepared to help both for-profit and nonprofit organizations define and achieve their technology goals.

- **A minimum 84 credits is required for this major**, including 51 upper-division credits.
- **The curriculum emphasizes problem-solving skills** and computing technologies through a breadth of computer science courses.
- **A quantitative background is provided** by studies in applied calculus, computer math, and statistics.
- **Coursework in organizational/management topics** helps you make the connection between the information

needs of people in organizations and the technologies that can help meet these needs.

- **A senior project and required internship** provide opportunities to apply computer-based problem-solving techniques to larger problems.

MINORS

Computer Science

[VIEW DEGREE REQUIREMENTS](#)

- [Computer Science Minor](#)

A Computer Science minor allows you to apply computing technologies and problem-solving strategies to your chosen major or to explore computing as a second discipline.

- **A minimum 33 credits are required for this minor**, including 15 upper-division credits.
- **A typical minor curriculum includes** courses in programming, software and system design, and electives tailored to your computing interests.

Data Analytics

Data analytics (DA) uses data-driven techniques to transform raw data into useful information — information that may be used to identify and solve problems, evaluate claims and make inferences, and influence human decisions and machine models. [Learn more](#) about this interdisciplinary minor.

Interactive Computing and Art

The Interactive Computing and Art minor gives you an introduction to the disciplines of art and computer science, providing core concepts, vocabulary, and foundational skills. [Learn more](#) about this interdisciplinary program.

ENTERING AND COMPLETING THE MAJOR OR MINOR

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- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Theatre

PROGRAMS OFFERED

- Theatre (major, minor, and emphases)
- Costume Design and Production (major and minor)

Theatre Faculty

The study of theatre provides you with opportunities to explore personal values, develop personal skills, and acquire techniques of insight and critical reasoning — all within a distinctive philosophical and artistic environment.

When you major or minor in Theatre, you will be exposed to a sizable body of dramatic literature, theory, and historical study, leading to the development of an informed perspective of the role of theatre as a social, spiritual, and artistic institution. The experience is a liberalizing one, designed to allow you to explore and develop yourself as both an individual and an artist.

Find out more about this department's [mission, vision, and learning outcomes](#).

THEATRE (BA)

VIEW DEGREE REQUIREMENTS

- [Theatre: Performance Emphasis \(BA\)](#)
- [Theatre: Production & Design Emphasis \(BA\)](#)
- [Theatre: Teaching Emphasis \(BA\)](#)
- [Theatre: Theatre Studies Emphasis \(BA\)](#)

The Theatre major provides you with opportunities to explore personal values, develop personal skills, and acquire techniques of insight and critical reasoning — all within a distinctive philosophical and artistic environment.

- **A minimum 80 credits are required for this major and its emphases**, including 30 upper-division credits.
- **This major includes four emphases:** Performance, Production and Design, Theatre Studies, and Teaching.
- **The Teaching emphasis** provides a foundation toward [P-12 Certification](#) or teaching endorsements through the [School of Education](#).
- **If you plan to pursue teacher education**, maintain a 3.0 cumulative GPA.
- **Many of the courses focus on skills associated** with performance, playwriting, directing, designing, and technical theatre crafts.
- **An extensive production program** is maintained.
- **You must demonstrate a growing ability** in theatrical criticism, artistic awareness, and personal theatrical skills.
- **You must complete a Senior Project** in acting, directing, design, technical direction, or playwriting. Your project must include both an approved prospectus and some form of public demonstration made during your senior year.

Senior Project

Your Senior Project will be developed with faculty advisor consultation and approved by the theatre faculty. It is expected to be the independent work of a mature student artist.

This project is considered the culmination of your undergraduate training and must be of substantial merit, reflecting an informed artistic sensitivity and philosophy. You may accumulate up to 3 credits of TRE 4961 "Special Projects" in the completion of this requirement.

COSTUME DESIGN AND PRODUCTION (BA)

[VIEW DEGREE REQUIREMENTS](#)

- [Costume Design and Production \(BA\) \(Theatre\)](#)

The major in Costume Design and Production takes advantage of the resources of the Department of Theatre and the Department of Family and Consumer Sciences.

Through the combined study of theatre, apparel design, clothing construction, clothing history, and theatre history, we prepare students who want to become costumers, wardrobe managers, and costume designers in professional theatre, film, or other performance genres.

*This major and minor are found in TRE and FCS. Please be advised that these programs are identical in scope and requirement. If you are taking a major in one department, and would like to add a minor, it must be in the other department. For example, if you are majoring in FCS Apparel Merchandising and would like to minor in Costume Design and Production, you would need to take that minor as a TRE minor.

- **A minimum 88 credits are required for this major**, including 36 upper-division credits.
- **Core courses from the Family and Consumer Sciences Department** include "History of Costume," "Textiles," and "Flat Pattern Design."
- **Core courses from the Theatre Department** include "Stagecraft," "Analyzing and Interpreting Theatre," and "Production Practicum."

THEATRE OR COSTUME DESIGN AND PRODUCTION MINOR

[VIEW DEGREE REQUIREMENTS](#)

- [Theatre Minor](#)

[VIEW DEGREE REQUIREMENTS](#)

- [Costume Design and Production Minor \(Theatre Dept\)](#)
- **A minimum of 35 credits are required** for the Theatre minor, including 15 upper-division credits.
- **A minimum of 35 credits are required** for the Costume Design and Production minor, including 18 upper-division credits.

ENTERING AND COMPLETING A MAJOR OR MINOR

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- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

FUTURE TEACHERS

[VIEW DEGREE REQUIREMENTS](#)

- [Integrated Studies: The Arts Concentration \(BA\)](#)

Certification with elementary education endorsement

- **If you plan to teach in an elementary school** and are interested in theatre, you must major in the [Integrated Studies major](#) with a concentration in the Arts.
- **The concentration consists of courses** in art, music, and theatre.
- **The faculty advisor** for the Arts Concentration, Dr. Andrew Ryder (aryder@spu.edu).
- **Further information** about the Elementary Certification Program is available in the [School of Education](#).

Certification with P-12 endorsement in Theatre

If you plan to obtain Residency Teacher Certification with endorsement in Theatre, you should pursue a BA in Theatre Education, and you must also complete P-12 Certification through the School of Education.

If you plan to become a teacher, visit the [School of Education](#) for complete information.

Physics

PROGRAMS OFFERED

- Physics (majors and minor)
- Physics with Education Focus (major)

[Physics Faculty](#)

When you major or minor in Physics, you study the changes, interactions, and properties of matter and energy. As a result, you learn how physics strongly influences humankind's understanding of nature and how engineers create new technology based on the principles first discovered by physicists, contributing to the social economics and changes.

The Department of Physics is dedicated to educating and preparing students for a variety of careers in science, education, engineering, and business. We seek to provide a broad program of studies in theoretical and applied physics informed by a Christian worldview, graduating students who are equipped for continued graduate study, professional careers, and service.

Find out more about this department's [mission, vision, and learning outcomes](#).

PHYSICS (BS)

VIEW DEGREE REQUIREMENTS

- [Physics \(BS\)](#)

The bachelor of science in Physics major provides you with the preparation you need for graduate studies or professional careers in physics.

- **A minimum 99 credits are required for this major**, including 47 upper-division credits.
- **In addition to the course requirements**, you must complete a Senior Research Project.
- **PHY 4899 Natural Sciences Capstone is offered for 1 credit**, but you must take it two times to meet the requirement.
- **The physics curriculum is designed** to provide you with the practice and analytical tools necessary to solve complex problems.
- **You will have dedicated teaching laboratories**, upper-division research space, and upper-division laboratory facilities in [Otto Miller Hall](#).

PHYSICS (BA) AND PHYSICS WITH EDUCATION FOCUS (BA)

VIEW DEGREE REQUIREMENTS

- [Physics: General Emphasis \(BA\)](#)

VIEW DEGREE REQUIREMENTS

- [Physics with Education Focus \(BA\)](#)

This option is suited for you if you are preparing to teach physics at the secondary level, or if you are majoring in another science, math, or engineering discipline.

- **A minimum 78–79 credits are required for these majors**, including 36 upper-division credits.
- **You will have a variety of laboratory equipment** available to support your coursework and independent-study activities.
- **You will have dedicated teaching laboratories**, upper-division research space, and upper-division laboratory facilities in [Otto Miller Hall](#).
- **The physics curriculum is designed** to provide you with the practice and analytical tools necessary to solve complex problems.
- **You will learn through active engagement** and hands-on experience.

PHYSICS MINOR

[VIEW DEGREE REQUIREMENTS](#)

- [Physics Minor](#)
- **A minimum 35 credits are required for this minor**, including 15 upper-division credits.
- **You must have a minimum 2.5 GPA in at least two physics courses** prior to applying for a Physics minor.

ENTERING AND COMPLETING A MAJOR OR MINOR

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- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

FUTURE TEACHERS

[VIEW DEGREE REQUIREMENTS](#)

- [Integrated Studies: Natural Sciences Concentration \(BA\)](#)

Elementary Teacher Certification

If you plan to obtain elementary Residency Teacher Certification and are interested in physics, you must major in the Integrated Studies major with a concentration in Natural Sciences.

- This concentration consists of courses in biology, physics, and chemistry.
- The advisor for the mathematics concentration is Dr. Kara Gray (grayk5@spu.edu).

Secondary Teacher Certification

If you plan to obtain secondary Residency Teacher Certification with an endorsement in Physics, you should pursue a BA in Physics With Education Focus, and you must also complete [Requirements for Secondary Certification](#) through the School of Education.

If you intend to become a teacher, visit the [School of Education](#) for complete information.

Economics

PROGRAMS OFFERED

- Economics (major, minor, and tracks)

School of Business, Government, and Economics Faculty

Economics is the allocation of resources among competing uses. You will study many vital issues that affect human flourishing in the Economics major at SPU, while emphasizing on a Christian perspective on society's decisions about how to organize the production and distribution of goods and services. The Economics major at SPU emphasizes critical thinking, original research, and the stewardship of scarce resources to enhance human flourishing.

Find out more about this program's [mission, vision, and learning outcomes](#).

ECONOMICS (BA)

VIEW DEGREE REQUIREMENTS

- [Economics: Business Analysis \(BA\)](#)
- [Economics: Development Economics \(BA\)](#)
- [Economics: Financial Economics \(BA\)](#)
- [Economics: General Track \(BA\)](#)
- [Economics: Public Policy \(BA\)](#)

Concentrations

The Business Analysis concentration will equip you with additional skills and understanding related to marketing, management, and international business.

The Development Economics concentration will prepare you to proactively work alongside and within developing countries around the world.

Pursuing the Financial Economics concentration will allow you to focus on issues such as financial accounting, business finance, and investments.

The General concentration provides you the opportunity to custom tailor your educational experience with the Economics courses that most interest you.

A Public Policy concentration prepares you to pursue work and/or further studies in public administration, global development, and politics.

You will study many vital issues that affect human flourishing in the Economics major at SPU. This major emphasizes development and financial economics, with a focus on decision making, resource stewardship, and policy for allocation and distribution of resources and production. Economics is vital to understanding the firm as a system, and also the broader interaction of firms and households with the macro economy and political institutions.

- **A minimum 68 credits are required for this major**, including 41 upper-division credits.
- **You may choose the general track**, or you may choose one of four concentration options by completing 15 elective credits within that particular discipline.

- **You must have a minimum of 35 credit hours** in the major at SPU.

Additional competencies and requirements

Spreadsheet competency requirement

Demonstration of spreadsheet competency is required of all students graduating with degrees in the School of Business, Government, and Economics. You can document this by passing BUS 1700 or by scoring at least 60 percent on the basic Microsoft Office Specialist exam for Microsoft Excel 2013, 2016, or later. For questions regarding the Spreadsheets Competency Requirement, contact Dr. Richard Sleight at sl8@spu.edu.

New majors dessert attendance

Newly admitted students of Business; Accounting; Economics; Global Development; and Politics, Philosophy, and Economics are required to attend an orientation event typically held in February each year. Admission to the major is conditional upon attendance.

ECONOMICS MAJOR ADMISSION DATA

Admission to the Economics major is selective and based upon prior academic performance. Recent aggregate admission data for the Accounting, Business Administration, and Economics majors is depicted below.

Academic Year	2017-18	2018-19	2019-20
Average GPA of Admitted Students	3.3	3.4	3.4
Lowest GPA of Admitted Students	2.8	2.7	2.7
Number of Applicants	125	103	114
Number Admitted	119	100	100

ENTERING AND COMPLETING THE ECONOMICS MAJOR

You are required to make formal application and be admitted to the Economics major prior to enrollment in most Upper Division courses.

To meet the minimum requirements for application to the major, you must:

- **Have attained at least sophomore standing** (45 or more college credits).
- **Complete at least 15 credits in BUS, ACCT, and ECN at SPU** (10 credits for transfer juniors and seniors).
- **Have either a 2.70 cumulative GPA and 2.70 major GPA at SPU**, or, a 3.0 major GPA. Attainment of the minimum GPA standards does not guarantee admission as the total number of students admitted is limited by capacity.
- **Submit an online Major application December 20–January 20**. SBGE does not accept major applications outside this window.

To successfully complete the major, note that:

- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, you should meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major, your faculty advisor can work with you

to explore options, which may include choosing a different major.

- **You must complete the major requirements** in effect in the SPU Undergraduate Catalog for the year of admittance to the major.

ECONOMICS MINOR

VIEW DEGREE REQUIREMENTS

- [Economics Minor](#)

The Economics minor allows you to complement your chosen major with some general economics coursework. A minor in Economics can be of particular value to [Political Science](#) majors, or if you are preparing for law school. These requirements also satisfy the requirements for a teaching endorsement in Economics.

- **A minimum of 30 credits are required for this minor**, including 15 upper-division credits.
- **SPU requires you to earn at least 15 credits of this minor at SPU**, 10 credits of which must be Upper Division credits.
- **This minor is not available** to students majoring in Accounting; Business Administration; Economics; Politics, Philosophy, and Economics; or in other Business minors.

ENTERING AND COMPLETING THE MINOR

- **You are required to make a [formal application to this minor](#)**, which you may do at any time during the year.
- **Acceptance is based upon a minimum Cumulative 2.70 GPA, completion of 5 credits in the minor with a 2.70 GPA**, a minimum of 45 quarter credits of coursework complete (sophomore standing), and formal admittance to your primary major.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, you should meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major, your faculty advisor can work with you to explore options.
- **You must complete the minor requirements** in effect in the SPU Undergraduate Catalog for the year of admittance to the minor.
- **This minor is not available** to students majoring in Accounting; Business Administration; Economics; Politics, Philosophy, and Economics; or other Business minors.
- **For questions regarding minors in SBGE**, contact Dr. Richard Sleight (sl8@spu.edu).

Chemistry and Biochemistry

PROGRAMS OFFERED

- Biochemistry (major)
- Chemistry (majors and minor)

[Chemistry and Biochemistry Faculty](#)

Chemistry is primarily concerned with matter, energy, and their interactions. Chemists do a wide variety of things:

- **Make new substances**, including new materials and medicines.
- **Design new ways** to make known compounds.
- **Isolate and determine chemical structures** of naturally occurring substances.
- **Elucidate the chemical mechanisms** behind biological processes.
- **Attempt to explain the changes** matter undergoes.
- **Develop and apply analytical techniques** for criminal investigations and environmental problems.
- **Teach chemistry, work in the chemical industry, and apply** chemical knowledge to solve other societal and technological problems.

Chemists are also concerned about the effect their work and technology have on society and on individuals. They are in the forefront of efforts to make sure that technology serves humankind.

At Seattle Pacific, the curriculum in this department is designed to serve you if you desire a career in chemistry, biochemistry, or science education, or if you are interested in pursuing further study in medicine, dentistry, pharmacy, engineering, or the other sciences.

Find out more about this department's [mission, vision, and learning outcomes](#).

BIOCHEMISTRY (BS)

VIEW DEGREE REQUIREMENTS

- [Biochemistry \(BS\)](#)

This degree prepares you for graduate study in biochemistry and molecular biology.

- **A minimum 103 credits**, including 49 upper-division credits, are required for this major.
- **To complete this degree in four years**, begin with CHM 1211 and MAT 1234 in the first quarter of your freshman year.
- **If you are interested in health sciences**, refer to [Pre-Professional Health Programs](#).

CHEMISTRY (BA)

VIEW DEGREE REQUIREMENTS

- [Chemistry \(BA\)](#)

If you are preparing for medical or dental school, a career in medical technology, pharmacy, or related fields, or to teach chemistry at the secondary level, this major is intended for you.

to teach chemistry at the secondary level, this major is intended for you.

- **A minimum 80 credits are required for this major**, including 37 upper-division credits in chemistry.
- **If you are interested in a career in medicine, dentistry, or other health-related fields**, refer to [Pre-Professional Health Programs](#).

CHEMISTRY (BS)

VIEW DEGREE REQUIREMENTS

- [Chemistry \(BS\)](#)

This major is recommended if you intend to pursue a professional degree in chemistry or plan on graduate and other advanced work in chemistry, pharmacy, professional health sciences, medical school, toxicology, forensic science, and certain aspects of molecular biology.

- **A minimum 100 credits are required for this major**, including 52 upper-division credits in chemistry.
- **To complete this degree in four years**, you should generally begin with CHM 1211 and MAT 1234 in the first quarter of your freshman year.
- **If you plan on graduate studies in chemistry**, additional mathematics (e.g., MAT 1236, MAT 3237, and MAT 3360) may be recommended by your faculty advisor.
- **This major is guided by recommendations** of the [American Chemical Society](#) and should prepare you for graduate work in chemistry or for employment as a chemist.
- **If you are interested in a career in pharmacy, medicine, dentistry, or other health sciences**, refer to [Pre-Professional Health Programs](#).

CHEMISTRY MINOR

VIEW DEGREE REQUIREMENTS

- [Chemistry Minor](#)
- **A minimum of 35 credits in chemistry/biochemistry**, including 20 upper-division credits are required for this minor.
- **You must include CHM 1211 General Chemistry I** (5 credits) and **CHM 1212 General Chemistry II** (5 credits).
- **Chemistry electives must include** at least three of these areas: organic, inorganic, analytical, physical, environmental, and biochemistry.

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better** [follow these instructions](#) to enter a

- if you are an S-C student with an S-C cumulative GPA of 2.0 or better, follow these instructions to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

FUTURE TEACHERS

VIEW DEGREE REQUIREMENTS

- [Integrated Studies: Natural Sciences Concentration \(BA\)](#)

Elementary Teacher Certification

If you plan to obtain Residency Teacher Certification and are interested in teaching chemistry, you must major in the [Integrated Studies major](#) with a concentration in Natural Sciences.

The concentration consists of courses in biology, physics, and chemistry.

The advisor for the natural sciences concentration is, Dr. Kara Gray (grayk5@spu.edu).

Further information on the elementary certification program is available in the [School of Education](#).

Secondary Teacher Certification

If you plan to obtain secondary Residency Teacher Certification, you should complete the requirements for a BA in Chemistry and any additional requirements needed for certification. Information about secondary certification can be found in the [School of Education](#).

Global Development Studies

PROGRAM OFFERED

- Global Development Studies (major)

School of Business, Government, and Economics Faculty

Global Development Studies is an interdisciplinary, pre-professional program that combines liberal arts classes in global issues with applied learning from courses in business, health sciences, economics and a required internship supervised by an SPU faculty advisor. You will understand challenges for society and the means to resolve them at both the local and global levels from a Christian perspective.

As a Global Development Studies major you will:

- **Develop** applied skills in writing, research, analysis, program management, and statistics.
- **Understand** the relationship of the Gospels to global development.
- **Grow** in understanding cultures different from your own.
- **Sharpen** your knowledge of current events, as well as political and economic forces that affect human well being.
- **Work** with a team of students to construct a business plan for a social venture project.

Global Development Studies graduates have gone on to positions with nonprofit organizations, foundations, churches, government, and mission work overseas.

Find out more about this program's [mission, vision, and learning outcomes](#).

GLOBAL DEVELOPMENT STUDIES (BA)

VIEW DEGREE REQUIREMENTS

- [Global Development Studies \(BA\)](#)

The Global Development Studies major prepares you for vocations in global development through applied skills training and direct, cross-cultural experiences.

- **A minimum 75 credits are required for this major**, including 42 upper-division credits.
- **This major requires that you complete an internship** appropriate to nonprofit or social-venture work.
- **Study abroad can, with advisor approval, satisfy the cross-cultural category**, as long as at least two disciplines in the category are represented.

Additional competencies and requirements

Spreadsheet competency requirement

[Demonstration of spreadsheet competency](#) is required of all students graduating with degrees in the School of Business, Government, and Economics. You can document this by passing BUS 1700 or by scoring at least 60% on the basic Microsoft Office Specialist exam for Microsoft Excel 2013, 2016, or later. For questions regarding the Spreadsheets Competency Requirement, contact Dr. Richard Sleight at sl8@spu.edu.

New majors dessert attendance

Newly admitted students of majors in Business; Accounting; Economics; Global Development; and Politics, Philosophy, and Economics are required to attend an orientation event typically held in February each year. Admission to the major is conditional upon attendance.

GLOBAL DEVELOPMENT STUDIES ADMISSION DATA

Admission to the Global Development Studies major is selective and based upon prior academic performance. Recent admission data is depicted below.

Academic Year	2017-18	2018-19	2019-20
Average GPA of Admitted Students	3.4	3.4	3.4
Lowest GPA of Admitted Students	2.7	2.8	2.9
Number of Applicants	20	24	12
Number Admitted	20	20	12

ENTERING AND COMPLETING THE MAJOR

Formal application and admission to the Global Development Studies major is required prior to enrollment in many upper-division courses.

To meet the minimum requirements for admission, you must:

- **Complete at least 10 credits in the Global Development Major** (5 credits for transfer juniors and seniors).
- **Have at least a 2.70 cumulative GPA and 2.70 major GPA at SPU.** Attainment of the minimum GPA standards does not guarantee admission as the total number of students admitted is limited by capacity.
- **Submit an [online Major application](#) December 20–January 20.** SBGE does not accept major applications outside this window.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program,** meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major, your faculty advisor can work with you to explore options, which may include choosing a different major.
- **You must complete the major requirements** in effect in the SPU Undergraduate Catalog for the year of admittance to the major.

Sociology Programs

Sociology Faculty

Sociology is the systematic study of societies, groups, and human interaction. As a community of social scientists committed to the Christian faith, the SPU sociology faculty seek to educate you in the perspectives and methods of sociology in order to prepare you for faithful service and leadership.

The Department of Sociology's goals are for you to

- **Develop a sociological imagination** that allows you to critically apply sociological perspectives to social institutions and problems.
- **Learn the skills** of research design, data collection, and data analysis.
- **Explore the interrelationship** between Christian faith and sociology so you can critically and faithfully apply your sociological knowledge in your work, community, and spiritual life.

Find out more about this department's [mission, vision, and learning outcomes](#).

DEGREE PROGRAMS

- [Anthropology](#) (minor)
- [Criminal Justice](#) (major)
- [Sociology](#) (major, minor)
- [Urban Studies](#) (minor)
- [Women's Studies](#) (minor)

Politics, Philosophy, and Economics

PROGRAMS OFFERED

- Politics, Philosophy, and Economics (major and tracks)

[School of Business, Government, and Economics Faculty](#)

[Philosophy Faculty](#)

As a student majoring in Politics, Philosophy, and Economics studying in our location on the Pacific Rim, you will be well positioned for employment in business, industry, government, agencies, and non-governmental organizations. You will also be positioned for further study in academic or professional graduate programs in the U.S. or around the world.

Find out more about this program's [mission, vision, and learning outcomes](#).

POLITICS, PHILOSOPHY, AND ECONOMICS (BA)

VIEW DEGREE REQUIREMENTS

- [Politics, Philosophy & Economics: Applied Economics \(BA\)](#)
- [Politics, Philosophy & Economics: Financial Economics \(BA\)](#)
- [Politics, Philosophy & Economics: International Affairs \(BA\)](#)
- [Politics, Philosophy & Economics: Law \(BA\)](#)
- [Politics, Philosophy & Economics: Philosophy \(BA\)](#)
- [Politics, Philosophy & Economics: Public Administration \(BA\)](#)
- [Politics, Philosophy & Economics: Social Enterprise \(BA\)](#)

The Politics, Philosophy, and Economics (PPE) major is an interdisciplinary program that combines studies in political science, philosophy, and economics, and **requires a minimum 91–92 credits, including 43 upper-division** credits. When you seek a bachelor's degree in PPE, you will take a core of classes from each of these three disciplines. You will also choose from one of the following tracks:

- **Financial Economics track:** Prepares students for careers in the world of finance and investments.
- **International Affairs track:** Best for students interested in international politics.
- **Philosophy Track:** Designed for students interested in more closely studying “great ideas” and the presuppositions behind many arguments.
- **Law Track:** For students interested in attending law school or working in a policy-making career.
- **Public Administration track:** Designed for those interested in pursuing careers in public or voluntary sector administration.
- **Social Enterprise track:** Designed for students interested in focusing on how business can directly address social problems such as poverty and/or environmental sustainability.
- **Applied Economics track:** Designed for students interested in studying the allocation of resources and its effects on human welfare.

Additional competencies and requirements

Spreadsheet competency requirement

Demonstration of spreadsheet competency is required of all students graduating with degrees in the School of Business, Government, and Economics. You can document this by passing BUS 1700 or by scoring at least 60 percent on the basic Microsoft Office Specialist exam for Microsoft Excel 2013, 2016, or later. For questions regarding the Spreadsheets Competency Requirement, contact Dr. Richard Sleight at sl8@spu.edu.

New majors dessert attendance

Newly admitted students of majors in Business; Accounting; Economics; Global Development; and Politics, Philosophy, and Economics are required to attend an orientation event typically held in February each year. Admission to the major is conditional upon attendance.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

School of Business, Government, and Economics



[Ross Stewart](#), PhD, Dean

[School of Business, Government, and Economics Faculty](#)

WHO WE ARE

The School of Business, Government, and Economics offers majors in Business Administration, Accounting, Economics, Global Development, Political Science, and Politics, Philosophy, and Economics.

We also offer minors in Accounting, Business Administration, Economics, Entrepreneurship, and Political Science.

Our Mission

Deeply grounded in Christian faith and values, we develop leaders who advance human flourishing through service in business, government, and civil society.

DEGREE PROGRAMS

- [Accounting](#) (major and minor)
- [Business Administration](#) (major, minor, and tracks)
 - **Tracks:** General; Economics; Finance; Information Systems; International Business; Management; Marketing; Public Policy; Social Enterprise
- [Economics](#) (major, minor, and tracks)
 - **Tracks:** General; Business; Development Economics; Financial Economics; Public Policy
- [Entrepreneurship](#) (minor)
- [Global Development Studies](#) (major)
- [Political Science](#) (major, minor, and tracks)
 - **Tracks:** General; Public Policy & Law; International Affairs

- Politics, Philosophy, and Economics (major and tracks)
 - **Tracks:** Applied Economics; Financial Economics; International Affairs; Philosophy; Law; Public Administration; Social Enterprise

Accounting

PROGRAM OFFERED

- Accounting (major and minor)

[School of Business, Government, and Economics Faculty](#)

Graduates with majors in Accounting have careers in private industry, not-for-profit organizations, and in public accounting. The program balances sound theoretical foundations with relevant applications.

This provides you with the necessary current knowledge to launch a career, and prepares you to respond to the changing future environment and needs for accounting information.

Find out more about this program's [mission, vision, and learning outcomes](#).

ACCOUNTING (BA)

VIEW DEGREE REQUIREMENTS

- [Accounting \(BA\)](#)
- **A minimum 110 credits are required for this major**, including 68 upper-division credits.
- **If you plan to obtain any of the professional designations** such as certified public accountant (CPA), certified management accountant (CMA), or certified internal auditor (CIA), contact an accounting faculty member for advising.
- **If you plan to take the CPA exam**, you must have completed 225 quarter hours (equivalent to five years) of college coursework. You may meet this requirement by earning a second bachelor's degree, or by taking 45 additional undergraduate credits, which may be in any discipline and do not necessarily lead to a degree.
- **All Accounting students** are encouraged to participate in an internship with an accounting firm for at least one quarter.
- **Once you successfully complete the BA in Accounting and 225 college credits**, you will be eligible to take both the certified public accountant (CPA) and the certified management accountant (CMA) examinations.

Additional competencies and requirements

Spreadsheet Competency Requirement

[Demonstration of spreadsheet competency](#) is required of all students graduating with degrees in the School of Business, Government, and Economics. You can document this by passing BUS 1700 or by scoring at least 60 percent on the basic Microsoft Office Specialist exam for Microsoft Excel 2013, 2016, or later. For questions regarding the Spreadsheets Competency Requirement, contact Dr. Richard Sleight at sl8@spu.edu.

New Majors Dessert Attendance

Newly admitted students of majors in Business; Accounting; Economics; Global Development; and Politics, Philosophy, and Economics are required to attend an orientation event typically held in February each year. Admission to the major is conditional upon attendance.

ACCOUNTING MAJOR ADMISSION DATA

Admission to the Accounting major is selective and based upon prior academic performance. Recent aggregate admission data for the Accounting, Business Administration, and Economics majors is depicted below.

Academic Year	2017–18	2018–19	2019–20
Average GPA of Admitted Students	3.3	3.4	3.4
Lowest GPA of Admitted Students	2.8	2.7	2.7
Number of Applicants	125	103	114
Number Admitted	119	100	100

ENTERING AND COMPLETING THE MAJOR

Formal application and admission to the Accounting major is required prior to enrollment in most upper-division courses.

To meet the minimum requirements for admission, you must:

- **Have attained at least sophomore standing** (45 or more college credits).
- **Complete at least 15 credits in BUS, ACCT, and ECN at SPU** (10 credits for transfer juniors and seniors).
- **Have either a 2.70 cumulative GPA and 2.70 major GPA at SPU, or a 3.0 major GPA.** Major GPA does not include transfer work, only courses completed in program at SPU. Attainment of the minimum GPA standards does not guarantee admission, as the total number of students admitted is limited by capacity.
- **Submit an online Major application December 20–January 20.** SBGE does not accept major applications outside this window.

To successfully complete the major, note that:

- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program,** meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major, your faculty advisor can work with you to explore options, which may include choosing a different major.
- **You must complete the major requirements in effect** in the SPU Undergraduate Catalog for the year of admittance to the major.

ACCOUNTING MINOR

VIEW DEGREE REQUIREMENTS

- [Accounting Minor](#)

An accounting minor greatly compliments the skills developed in almost all business disciplines and allows non-accounting majors to broaden their education at SPU. The knowledge gained through this minor can be applied to many career paths – those directly related to accounting and finance as well as careers in other settings including corporate, small business, and not-for-profit organizations.

- **A minimum 30 credits are required for this minor,** including 15 upper-division credits.
- **SPU requires you to earn at least 15 credits toward this minor at SPU,** 10 of which must be upper-division credits.
- **This minor is not available** to students majoring in Accounting.

ENTERING AND COMPLETING THE MINOR

- **You are required to make a formal application to this minor**, which you may do at any time during the year.
- **Acceptance is based upon a minimum Cumulative 2.70 GPA, completion of 5 credits in the minor with a 2.70 GPA**, a minimum of 45 quarter credits of coursework complete (sophomore standing), and formal admittance to your primary major.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the minor, your faculty advisor can work with you to explore options.
- **You must complete the minor requirements in effect** in the SPU Undergraduate Catalog for the year of admittance to the major.
- **This minor is not available** to students majoring in Accounting.
- **For questions regarding minors in SBGE**, contact Dr. Richard Sleight (sl8@spu.edu).

Philosophy

PROGRAMS OFFERED

- Philosophy (major, minor, and tracks)

[Philosophy Faculty](#)

Philosophy is the attempt to answer certain persistent human questions, which fall into three traditional groups:

- **Axiology** (the theory of value)
- **Metaphysics** (the theory of being)
- **Epistemology** (the theory of knowledge)

Characteristic questions include the following:

- **What is good?**
- **What is real?**
- **What is knowledge**, and how can one achieve it?

By studying what the great philosophers have to say about these questions, you can develop a clear personal philosophy (and a clearer grasp of Christian theology), learn about the history of thought, and develop analytical skills — which can be applied to any other field.

Find out more about this program's [mission, vision, and learning outcomes](#).

PHILOSOPHY: GENERAL TRACK (BA)

VIEW DEGREE REQUIREMENTS

- [Philosophy: General Track \(BA\)](#)

The BA in Philosophy (General Track) can enable you to develop a clear personal philosophy (and a clearer grasp of Christian theology), learn about the history of thought, and develop analytical skills — which can be applied to any other field.

- **A minimum 59 credits are required for this major**, including 25 upper-division credits, if you are completing only one major.
- **If you are completing an additional major**, with the approval of the Philosophy faculty you may omit 5 credits, completing only 54 credits in this major.
- **Philosophy majors often train for careers in law**, the ministry, the computer industry, and education, as well as in most other professional fields.
- **If you are currently majoring in another field**, you are encouraged to consider Philosophy as a second major.

PHILOSOPHY: TECHNICAL TRACK (BA)

VIEW DEGREE REQUIREMENTS

- [Philosophy: Technical Track \(BA\)](#)

To the solid grounding in philosophical writing, argument, analysis, and problem solving provided by the

to the solid grounding in philosophical writing, argument, analysis, and problem solving provided by the philosophy core, the BA in Philosophy (Technical Track) adds fundamental courses in computer science. This major is designed for you if you seek a career in information technology (e.g., programming and data analysis).

- **A minimum 70 credits are required** for this major, including 25 upper-division credits.
- **Includes courses in computer science**, one of which is focused on ethical issues related to computing technology.

PHILOSOPHY MINOR

VIEW DEGREE REQUIREMENTS

- [Philosophy Minor](#)
- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **Philosophy minor requirements** include Core courses, a systematic philosophy course, philosophy history courses, and approved electives.

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Business Administration

PROGRAMS OFFERED

- Business Administration (major, minor, and tracks)
- Entrepreneurship (minor)

[School of Business, Government, and Economics Faculty](#)

The Business Administration major at SPU provides a well-rounded foundation for business. It is a broad-based program in the fundamental theories, principles, and practices of modern business. This program has attained AACSB accreditation, which is the highest level of international certification for business schools.

Deeply grounded in Christian faith and values, we believe that the purpose of business is to serve and to advance human flourishing. The Business Administration major teaches standards of professional and ethical behaviors, and develops the leadership attributes necessary for success.

Find out more about this program's [mission, vision, and learning outcomes](#).

BUSINESS ADMINISTRATION (BA)

VIEW DEGREE REQUIREMENTS

- [Business Administration: Economics \(BA\)](#)
- [Business Administration: Finance \(BA\)](#)
- [Business Administration: General Track \(BA\)](#)
- [Business Administration: Information Systems \(BA\)](#)
- [Business Administration: International Business \(BA\)](#)
- [Business Administration: Management \(BA\)](#)
- [Business Administration: Marketing \(BA\)](#)
- [Business Administration: Public Policy \(BA\)](#)
- [Business Administration: Social Enterprise \(BA\)](#)

Concentrations

An Economics concentration will help prepare you for a career in analyzing public policy or forecasting economic conditions.

A Finance concentration teaches you how to develop budgets for capital projects or work in the financial markets.

The Information Systems concentration includes problem solving and programming, computer networks, and information and database systems — critical information in this age of technology.

With an International Business concentration, you participate in a study abroad program with SPU faculty and take specialized courses at a foreign university.

The Management concentration teaches you how to manage structures, systems, and people.

A Marketing concentration prepares you to step into the world of customer service, advertising, sales, or

product management.

The Public Policy and Business concentration focuses on coursework in Political Science and Economics to help prepare you to work at the intersection of commerce and government.

The Social Enterprise concentration draws upon the unique strengths of the School of Business, Government, and Economics in areas such as social venture, management, and microfinance.

A General concentration is also available, allowing students the flexibility to choose their own senior electives.

This program develops a general management outlook toward organizations and the changing environment they face.

- **A minimum 98 credits are required for this major**, including 47–62 upper-division credits.
- **You will take a common Business Core of classes** and at least 15 credits of electives within the School of Business, Government, and Economics.
- **Concentrations:** You may choose a general track in business, or you may choose one of eight concentration options by completing your 15 elective credits within that particular discipline.
- **BUS 4690 and BUS 4899 are recommended** to be taken during the last two quarters of your senior year.

Additional competencies and requirements

Spreadsheet competency requirement

Demonstration of spreadsheet competency is required of all students graduating with degrees in the School of Business, Government, and Economics. You can document this by passing BUS 1700 or by scoring at least 60 percent on the basic Microsoft Office Specialist exam for Microsoft Excel 2013, 2016, or later. For questions regarding the Spreadsheet Competency Requirement, contact Dr. Richard Sleight at sl8@spu.edu.

Signature experience requirement

To graduate with a major in Business Administration, you must satisfy the SBGE Signature Experience Requirement by completing one of these options:

- **Complete and enter a business plan in an appropriate business or social venture plan competition.** This can include on-campus competitions or competitions sponsored by other schools or organizations.
- **Participate in an approved study abroad program** such as SPU Business Abroad, the CCCU Best Semester program, or another SPU program (e.g., the European Studies Quarter). This must be a program where you receive academic credit. In lieu of an international experience, you may apply to the SBGE Undergraduate Committee to meet this requirement with a suitable cross-cultural experience in the United States.
- **Complete 3 credits of BUS 3950: Spirituality and Business.**
- **Complete an honors project** as part of the University Scholars program.

In most cases, the credits you earn while completing your Signature Experience also fulfill another requirement in this major.

New majors dessert attendance

Newly admitted students of Business; Accounting; Economics; Global Development; and Politics, Philosophy, and Economics are required to attend an orientation event typically held in February each year. Admission to the major is conditional upon attendance.

BUSINESS ADMINISTRATION MAJOR ADMISSION DATA

Admission to the Business Administration major is selective and based upon prior academic performance. Recent aggregate admission data for the Accounting, Business Administration, and Economics majors is depicted below.

Academic Year	2017–18	2018–19	2019–20
Average GPA of Admitted Students	3.3	3.4	3.4
Lowest GPA of Admitted Students	2.8	2.7	2.7
Number of Applicants	125	103	114
Number Admitted	119	100	100

ENTERING AND COMPLETING THE MAJOR

Formal application and admission to the Business Administration major is required prior to enrollment in most Upper Division courses.

To meet the minimum requirements for admission, you must:

- **Have attained at least sophomore standing** (45 or more college credits).
- **Complete at least 15 credits in BUS, ACCT, and ECN at SPU** (10 credits for transfer juniors and seniors).
- **Have either a 2.70 cumulative GPA and 2.70 major GPA at SPU, or a 3.0 major GPA.** Major GPA does not include transfer work, only courses completed in program at SPU. Attainment of the minimum GPA standards does not guarantee admission, as the total number of students admitted is limited by capacity.
- **Submit an [online Major application](#) December 20–January 20.** SBGE does not accept major applications outside this window.
- **Once admitted to the Business Administration major, you cannot switch to the Accounting major.** Formal application to the Accounting major must be made.

To successfully complete the major, note that:

- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program, you should meet with your faculty advisor regularly** to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major, your faculty advisor can work with you to explore options, which may include choosing a different major.
- **You must complete the major requirements** in effect in the SPU Undergraduate Catalog for the year of admittance to the major.

BUSINESS ADMINISTRATION MINOR

[VIEW DEGREE REQUIREMENTS](#)

- [Business Administration Minor](#)

The Business Administration minor allows you to complement your chosen major with some general business coursework.

- **A minimum 30 credits are required for this minor, including 15 upper-division credits.**
- **SPU requires you to earn at least 15 credits toward this minor at SPU, 10 of which must be upper-division credits.**

- **This minor is not available** to students majoring in Accounting, Business Administration, Economics, or other Business minors.

ENTREPRENEURSHIP MINOR

VIEW DEGREE REQUIREMENTS

- [Entrepreneurship Minor](#)

The Entrepreneurship minor allows you to complement your chosen major with some general entrepreneurship coursework.

- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **SPU requires you to earn at least 15 credits of the minor at SPU**, 10 credits of which must be Upper Division credits.
- **This minor is not available** to students majoring in Accounting, Business Administration, Economics, or other Business minors.

ENTERING AND COMPLETING A MINOR

- **You are required to make a [formal application to this minor](#)**, which you may do at any time during the year.
- **Acceptance is based upon a minimum Cumulative 2.70 GPA, completion of 5 credits in the minor with a 2.70 GPA**, a minimum of 45 quarter credits of coursework complete (sophomore standing), and formal admittance to your primary major.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, you should meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the minor, your faculty advisor can work with you to explore options.
- **You must complete the minor requirements** in effect in the SPU Undergraduate Catalog for the year of admittance to the minor.
- **This minor is not available** to students majoring in Accounting, Business Administration, Economics, or other Business minors.
- **For questions regarding minors in SBGE**, contact Dr. Richard Sleight (sl8@spu.edu).

Secondary Certification

[School of Education Faculty](#)

VIEW DEGREE REQUIREMENTS

- [Secondary Certification](#)

CHOOSING A MAJOR

Students seeking secondary certification (middle school and high school teachers) will major in a content area aligned to their desired teaching endorsement. Students will also enroll in the residency teacher certification program in order to earn their WA state teaching certificate. Students seeking secondary certification at SPU should meet with the certification office in the School of Education no later than their sophomore year or the first quarter at SPU for transfer students.

Students who would like to be endorsed in two areas (eg: history and English Language Arts) do not need to double major but do need to take a specific set of coursework to meet state requirements in the second endorsement. Students should set a meeting with the certification office as soon as possible to plan for these courses.

FOUNDATIONS QUARTER

The following Foundations prerequisites apply to EDU 2300. It is recommended that students take EDU 2100 concurrently with EDU 2300 whenever possible.

Foundations prerequisites include:

- **Official admission** to SPU.
- **Sophomore standing** (45 credits).
- **Minimum cumulative 2.8 GPA** or 3.0 GPA in last 30 credits or higher.
- **Completed Foundations packet** (contact the [education office](#) to obtain paperwork).
- **Registered for EDU 2100** in the same quarter as EDU 2300 or you must have completed EDU 2100.
- **Post-baccalaureate students only:** Passing scores on the Washington state basic skills test (WEST-B), Washington state educators' endorsement test (WEST-E/NES), and transcript evaluation by the School of Education.

METHODS AND SKILLS COURSES

These courses may be taken independently of each other and the professional quarters. Courses must be completed prior to Methods Quarter. See the [School of Education](#) for more details.

You must receive a minimum GPA of 2.0 ("C") or better in all methods and skills courses to be recommended for certification.

METHODS QUARTER

Methods Quarter is offered only Autumn Quarter. A minimum GPA of 2.0 ("C") is required in all methods courses. If you are a Secondary Certification student, you must take a methodology course for each endorsement area being earned.

being earned.

Methods prerequisites include:

- **Successful completion** of the Foundations Quarter with a 3.0 ("B") average and no grade lower than a 2.0 ("C").
- **Senior standing** (135 credits).
- **Accepted** into major.
- **Applied to the Residency Teacher Certification program and admitted** to the School of Education.
- **Minimum Cumulative 3.0 GPA** or 3.3 GPA in the last 45 credits.
- **Successful completion** of nearly all required Major courses.
- **Receive a favorable recommendation** from SPU faculty and staff.
- **Pass ENG 3301, or both WRI 1000 and WRI 1100**, with a grade of 2.0 ("C") or better (if admitted to SPU Autumn Quarter 2012 or later).
- **Pass EDU 4530** with a minimum GPA 2.0 ("C").
- **Fingerprint and pre-residency clearance** completed.
- **Documentation of meeting the SOE preferred scores on the basic skills tests (reading, writing and math).** Official [Washington Educator Skills Test - Basic \(WEST-B\)](#), SAT, or ACT scores are required.
- **Take the appropriate [Washington Educator Skills Test - Endorsement \(WEST-E/NES\)](#)** for each endorsement being earned. SPU should have official passing scores by September 1 of the student teaching year.

INTEGRATED AND INTERNSHIP QUARTERS

Students must take Integrated and Internship quarters sequentially in the same academic year (Winter-Spring). A minimum 3.0 GPA ("B") is required for Secondary Internships A and B.

Integrated and Internship prerequisites include:

- **Successful completion** of the Methods Quarter with no grade lower than a 2.0 ("C").
- **Completion of 15 upper-division credits** in your major.
- **Maintaining a 3.0 cumulative GPA** or 3.3 in the last 45 credits throughout both quarters.
- **Official passing score(s)** on the appropriate [Washington Educator Skills test - Endorsement \(WEST-E/NES\)](#).
 - SPU should have official passing scores by September 1 of your student teaching year. Official passing scores must be received by SPU before you will be given permission to register for Integrated quarter.

School of Education



Nyaradzo Mvududu, EdD, Dean

Education Faculty

The vision of the SPU School of Education is to influence the region, the nation, and the world through the training of educational leaders for public and private schools.

The mission of the SPU School of Education is to equip educators for service and leadership in schools and communities by developing their professional competence and character to make a positive impact on learning.

Accreditation

School of Education certification programs are approved by the Professional Educator Standards Board, and the School Counseling program is also accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).

Find out more about this School's mission, vision, and learning outcomes.

PROGRAMS

Major

- Special Education

Teacher Certification

- Elementary Teacher Certification
- Secondary Teacher Certification
- P-12 Certification (Art, Theatre, Music, and Health/Fitness)
- Special Education Certification

Overview of Residency Teacher Certification

- [Admission to the School of Education](#)
- [Internship Placement and Supervision Policy](#)
- [Moral Character and Personal Fitness Policy](#)

Moral Character and Personal Fitness Policy

Teacher Certification Programs at SPU include experiences working closely with children in public and private schools. The protection of children is of paramount concern.

Consequently, the School of Education reserves the right to refuse placement of any SPU student/teacher candidate in any field experience based on, but not limited to, behavioral disposition. Any SPU teacher candidate registering for any School of Education course that involves working with children does so with the following understanding:

- **Admission to the course and subsequent placement** with children may be denied if fitness for such a placement is questionable in the exclusive judgment of the University.
- **The teacher candidate may be required to withdraw** from the course, practicum experience, or the certification program should the School of Education receive information that raises a concern about the fitness of the teacher candidate to work with children.
- **Information received about the fitness** of the teacher candidate working with children may be shared with the school district to determine whether a placement can, and should, be made or continued.
- **Ultimately, the SPU School of Education** cannot override school districts regarding placement of teacher candidates as practicum placements are dependent on school district cooperation and approval.
- **Denial of, or removal from, a practicum setting** due to lack of fitness to work with children will result in the teacher candidate being denied admission to the Teacher Education program or in being removed from the program if the teacher candidate has already been admitted.
- **In addition to satisfying the requirements of SPU** Teacher Certification requires that good moral character and personal fitness must be established by each teacher candidate with the Office of Professional Practices in Washington state's Office of the Superintendent of Public Instruction.
- **Disposition** — the School of Education reserves the right to excuse any student who demonstrates inappropriate or belligerent behavior toward instructors, peers, or university officials. Please see the School of Education handbook for more details.

For more information please refer to the the Residency Certification Handbook or contact the [School of Education Certification Office](#).

School of Health Sciences



[Lorie Wild, PhD, Dean](#)
[School of Health Sciences Faculty](#)

ABOUT SHS

Since 1936, SPU's School of Health Sciences has created exciting new career paths, including opportunities in clinical care, specialty practice, education, academics, and practice in diverse clinical populations.

DEGREE PROGRAMS

Majors

- [Exercise Science](#)
- [Health and Fitness Education](#)
- [Nursing](#)

Minors

- [Coaching Science](#)
- [Exercise Science](#)
- [Health and Fitness Education](#)

Internship Placement and Supervision

The School of Education arranges all September Experience, Methods labs, and Internships/student teaching placements. Students may suggest potential sites but are not allowed to set up their own placements.

Specific information can be found in the Residency Certification Handbook on the Teacher Education Canvas site.

INTERNSHIP PROFESSIONAL EXPECTATIONS

As a student, you are responsible for keeping the School of Education informed regarding any changes that will impact your certification program. You are also responsible for responding to queries from the placement and the certification offices. Failing to respond when requested may jeopardize your placement in the P-12 schools.

Specific expectations regarding professional behavior can be found in the Residency Certification Handbook.

Curriculum for Special Programs

Students in the [Professional Studies](#) program, who are identified as participants in this program at the time of admission to the University, follow an alternative general education curriculum, called the Curriculum for Special Programs.

If you are completing the curriculum for special programs, you must adhere to policies, complete requirements, and fulfill competency areas listed below under Graduation Requirements. This alternative curriculum does not replace the University Foundations requirements.

In addition to the graduation requirements outlined below, it is important for you to be aware of the standards related to completion of a [minor](#), [limitations on credit](#) toward a degree, and [transfer policies](#).

GRADUATION REQUIREMENTS

All students completing a first bachelor's degree at Seattle Pacific University are governed by the following requirements and policies:

- **A minimum 180 college-level**, quarter credits.
- **At least 60 credits earned in upper-division (UD) courses** (those numbered 3000–4999).
- **At least 45 college-level credits** earned in residence as a matriculated student. (Credits earned by examination do not satisfy the residence requirement.)
- **At least 25 of the final 45 credits** for the degree must be earned from Seattle Pacific University, with the exception of approved study abroad credit.
- **A cumulative grade point average of at least 2.0** in all coursework applicable to the degree.
- **A cumulative grade point average of at least 2.0** in all college-level courses taken at Seattle Pacific University.
- **With the exception of courses from pre-approved study abroad programs**, no more than 30 credits may be earned from another institution after a student has matriculated at SPU.
- **You may not take courses concurrently from SPU and another institution** during the regular academic year (autumn through spring quarters) unless participating in an approved study abroad program.
- **“Pass” grades do not fulfill requirements** in the major or minor, or in the General Education curriculum.
- **Satisfactory completion** of an academic major. (Student in the [Professional Studies Program](#) complete a minor at SPU rather than a major.)
- **All degree requirements for a major or minor** are determined by the Undergraduate Catalog in effect for the quarter in which you are accepted to the major or minor.
 - **For example, if you are accepted** to a major in Autumn Quarter 2020, you are subject to all major requirements listed in the 2020–2021 Undergraduate Catalog.
- **First-year students** are encouraged to apply for a major no later than April of their sophomore year, or as soon as they are eligible based on that major's admission policies and procedures.
- **Transfer students** who enter as juniors or seniors should apply to a major as soon as they are eligible based on that major's admission policies and procedures.
- **Professional Studies majors** should apply for their minor in their first quarter at SPU.
- **Apply for entrance to your intended major or minor in Banner** by [following these instructions](#).

Policy and procedure related to application for graduation and degree posting:

Policies and procedures related to application for graduation and degree posting:

- **You must be accepted into a major** prior to applying for graduation. (Professional Studies students must be accepted into a minor rather than a major.)
- **You are responsible for applying for graduation.** Apply through the [Banner Information System](#) by selecting Student Menu then Graduation Menu. For application deadlines, see the [Graduation](#) section of this catalog.
- **You may change your application for graduation**, but you should notify your undergraduate academic counselor of the change at least one quarter in advance of the previous intended quarter of graduation.
- **The quarter in which you complete your final degree requirements** is the term that will be listed as the quarter you earned your degree.
- **Your degree will not be posted** to your academic transcript, nor will your diploma be ordered, until all requirements are completed, including any outstanding I and N grades.

"W" REQUIREMENT

Students completing the Curriculum for Special Programs must fulfill the University ["W" Requirement](#).

MATHEMATICS PLACEMENT

Appropriate placement in mathematics courses depends upon your intended major, as well as eligibility criteria.

Eligibility can be demonstrated through an SAT or ACT math score, transfer of an approved college course, or through SPU's placement exam. Find out more about [Mathematics Placement requirements](#).

GENERAL EDUCATION REQUIREMENTS

University Foundations

(10–15 credits)

- UFDN 1000 [The Christian Faith](#) (5)
- UFDN 2000 [Christian Scripture](#) (5)
- UFDN 3001 [Christian Scripture for Transfer Students](#) (5)
- UFDN 3100 [Christian Theology](#) (5)

Note: If you enter with freshman or sophomore standing, you must complete UFDN 1000, UFDN 2000, and UFDN 3100.

If you enter SPU with junior or senior standing (90 transferable credits or more), you are required to take only UFDN 3001 and UFDN 3100.

Academic Inquiry and Writing

(3–5 credits)

Choose from among the following courses:

WRI 1000: [Academic Inquiry and Writing Seminar](#) (5)

WRI 1100: [Disciplinary Research and Writing Seminar](#) (5)

Social Sciences (WKSS)

(10 credits)

Choose from among the following courses.

- ANT 2250 [Cultural Anthropology](#) (5)
- ASIA 2417 [Religious Traditions of Asia](#) (5)
- CRIM 1110 [Introduction to Criminal Justice](#) (5)
- ECN 2101 [Principles of Microeconomics](#) (5)
- ECN 2102 [Principles of Macroeconomics](#) (5)
- GDEV 2001 [Development Issues in International Setting](#) (5)
- HIS 1357 [The Game of Life: World War II](#) (5)
- HIS 1490 [Life and Death in World Cities](#) (5)
- HIS 1734 [War on Terror: History of Our Lives](#) (5)
- HIS 2417 [Religious Traditions of Asia](#) (5)
- HIS 2491 [Origins of Western Science](#) (5)
- HIS 2492 [The Founding of Modern Science](#) (5)
- HIS 2502 [The United States to 1876](#) (5)
- HIS 2503 [The United States Since 1876](#) (5)
- HON 2000 [Honors Core: Culture and Social Systems](#) (5)
- MA 3001 [Australia Studies: View from Australia](#) (6)
- POL 1110 [Introduction to Politics](#) (5)
- POL 1120 [American Government and Politics](#) (5)
- POL 2330 [International Relations](#) (5)
- PSY 1180 [General Psychology: Individual in Growth](#) (5)
- PSY 1181 [General Psychology: A Health Sciences Approach](#) (5)
- SBS 4912 [Middle East Seminar: People and Cultures](#) (4.5-6)
- SOC 1110 [Introduction to Sociology](#) (5)

NATURAL SCIENCES (WKFS AND/OR WKAS)

(10 credits total)

Fundamental Sciences (WKFS)

- BIO 1101 [Biological Fundamentals](#) (5)
- BIO 1106 [Ecological Fundamentals](#) (5)
- BIO 1121 [Coral Reef Ecology](#) (5)
- BIO 1145 [Oceanography](#) (5)
- BIO 2101 [General Biology](#) (5)
- BIO 2571 [Introduction to Biology](#) (5)
- CHM 1100 [Introduction to Chemistry](#) (5)

- CHM 1100 [Introduction to Chemistry](#) (5)
- CHM 1100L [Introduction to Chemistry Lab](#) ()
- CHM 1211 [General Chemistry I](#) (5)
- CHM 1211L [General Chemistry I Lab](#) ()
- CHM 1310 [Survey of General Chemistry](#) (5)
- CHM 1310L [Survey of General Chemistry Lab](#) ()
- PHY 1101 [General Physics](#) (5)
- PHY 1111 [University Scholars Physics](#) (5)
- PHY 1121 [Physics for Science and Engineering](#) (5)
- PHY 1135 [Astronomy: Individual and the Universe](#) (5)
- PHY 1140 [The Physics of Sound](#) (5)
- PHY 1142 [Earth System Science](#) (5)

Applied Sciences (WKAS)

- BIO 1103 [Applications of Biology](#) (5)
- BIO 1104 [Environmental Science](#) (5)
- BIO 1105 [Marine Restoration Ecology](#) (5)
- BIO 1107 [Introduction to Forensic Science](#) (5)
- BIO 1123 [Humans and Coral Reefs](#) (5)
- BIO 2103 [General Biology](#) (5)
- BIO 2129 [Human Anatomy and Physiology](#) (5)
- CHM 1110 [Introduction to the Nature of Science](#) (5)
- CHM 2410 [Environmental Chemistry and Sustainability](#) (5)
- CSC 1010 [Science and Technology](#) (5)
- CSC 1130 [Beginning Programming](#) (5)
- CSC 1230 [Problem Solving and Programming](#) (5)
- CSC 2230 [Computer Programming for Engineers](#) (5)
- EE 1014 [Electric Vehicle for Everyone](#) (5)
- EGR 1010 [Science and Technology: How Things Work](#) (5)
- FCS 2340 [Nutrition Science and Malnutrition](#) (5)
- PHY 1110 [Introduction to the Nature of Science](#) (5)
- PHY 2567 [Development of Concepts in Physical Science I](#) (3)
- PHY 2568 [Development of Concepts in Physical Science II](#) (4)
- PHY 3311 [Experimental Methods I](#) (3)
- PHY 3312 [Experimental Methods II](#) (3)

Quantitative Reasoning (WKQR)

(5 credits)

Choose from among the following courses.

- BUS 2700 [Statistics for Business and Economics](#) (5)
- CRIM 2360 [Introduction to Statistics in Social and Behavioral Sciences](#) (5)
- CSC 1521 [Contemporary Math with Computing](#) (5)
- EDU 2600 [Statistics Unleashed: Application in Education and other fields](#) (5)
- MAT 1221 [Survey of Calculus](#) (5)
- MAT 1234 [Calculus I](#) (5)
- MAT 1300 [Introduction to Statistical Reasoning](#) (5)
- MAT 1521 [Introduction to Contemporary Mathematics](#) (5)
- MAT 2360 [Introduction to Statistics for the Sciences](#) (5)
- MAT 2561 [Statistical and Algebraic Reasoning](#) (4)
- MAT 2700 [Statistics for Business and Economics](#) (5)
- PSY 2360 [Introduction to Statistics in Social and Behavioral Sciences](#) (5)
- SBS 2000 [Uganda: Stats of Public Health](#) (4.5)
- SOC 2360 [Introduction to Statistics in Social and Behavioral Sciences](#) (5)

ARTS (WKA)

(10 credits)

Choose from among the following classes.

- ART 1102 [Drawing Studio: Observation and Realism](#) (5)
- ART 1180 [Visual Literacy](#) (5)
- ART 2302 [Painting Studio: Still Life - Oil](#) (5)
- ART 2421 [Printmaking Studio](#) (5)
- ART 2422 [Metals Studio](#) (5)
- ART 2602 [The Western Visual Tradition I: Ancient and Medieval Art](#) (5)
- ART 2603 [The Western Visual Tradition II: Art Since the Renaissance](#) (5)
- ART 2722 [Sculpture Studio](#) (5)
- ART 3546 [Art Education](#) (3)
- COM 3780 [Introduction to Film](#) (5)
- FCS 1710 [Global Impacts of Design](#) (5)
- FLM 1001 [Introduction to Film Genres](#) (5)
- FLM 2001 [Film History I: Beginnings-1960](#) (5)
- FLM 2002 [Film History II: American Film 1960-Present](#) (5)
- HHP 1105 [Introduction to Ballet](#) (2)
- HHP 1165 [Introduction to Dance](#) (2)
- HHP 1166 [Dance Techniques: Modern and Jazz](#) (2)
- HHP 1167 [Social Dance Techniques](#) (2)

- HON 2200 Honors Core: History and Representation (5)
- MUS 1050 Fundamentals of Music (3)
- MUS 1250 Beginning Keyboard Class (2)
- MUS 1251 Intermediate Keyboard Class (2)
- MUS 1260 Voice Class (2)
- MUS 1270 Beginning Folk Guitar (1)
- MUS 1600 Exploring and Understanding Music (5)
- MUS 2301 Gospel Choir (2)
- MUS 2304 Chamber Singers (1)
- MUS 2305 Treble Choir (2)
- MUS 2306 Brass Ensemble (1)
- MUS 2307 Percussion Ensemble (1-2)
- MUS 2308 Woodwind Ensemble (Flute) (1)
- MUS 2309 String Quartet (1)
- MUS 2310 Keyboard Ensemble (1)
- MUS 2311 Jazz Lab (2)
- MUS 2312 Tenor/Bass Choir (2)
- MUS 2341 Gamelan Ensemble (1)
- MUS 2342 Worship Band (1,2)
- MUS 2350 Concert Choir (2)
- MUS 2351 Wind Ensemble (2)
- MUS 2353 Symphony Orchestra (2)
- MUS 2360 Singing from the Stage (1-2)
- MUS 2605 Survey of Popular Music (5)
- MUS 3501 Elementary Music Education (3)
- MUS 4239 Music of Latin America and the Caribbean (3)
- MUS 4301 Gospel Choir (2)
- MUS 4304 Chamber Singers (1)
- MUS 4305 Treble Choir (2)
- MUS 4306 Brass Ensemble (1)
- MUS 4307 Percussion Ensemble (1-2)
- MUS 4308 Woodwind Ensemble (Flute) (1)
- MUS 4309 String Quartet (1)
- MUS 4310 Keyboard Ensemble (1)
- MUS 4311 Jazz Lab (2)
- MUS 4312 Tenor/Bass Choir (2)
- MUS 4341 Gamelan Ensemble (1)
- MUS 4342 Worship Band (1.2)

- MUS 4350 [Concert Choir](#) (2)
- MUS 4351 [Wind Ensemble](#) (2)
- MUS 4353 [Symphony Orchestra](#) (2)
- MUS 4360 [Singing from the Stage](#) (1-2)
- TRE 1110 [The Theatre Experience](#) (5)
- TRE 1340 [Acting Fundamentals I](#) (5)
- TRE 1930 [Performance Practicum](#) (2)
- TRE 2450 [Analyzing and Interpreting Theatre](#) (5)
- TRE 3800 [Theatre Education](#) (3)
- TRE 3930 [Performance Practicum](#) (2)

HUMANITIES (WKH)

(10 credits)

Choose from among the following courses.

- CHN 2200 [Chinese Culture - Past and Present](#) (5)
- CLA 1300 [Survey of Classical Literature](#) (5)
- COM 1101 [Introduction to Interpersonal Communication](#) (5)
- COM 1321 [Public Speaking](#) (5)
- ENG 1110 [Literature and Faith](#) (5)
- ENG 1220 [Film and Faith](#) (5)
- ENG 2221 [Good Poems](#) (5)
- ENG 2223 [Fantasy and Science Fiction](#) (5)
- ENG 2234 [Literature by Women](#) (5)
- ENG 2248 [International Fiction](#) (5)
- ENG 3334 [United States Multi-Ethnic Literature](#) (5)
- ENG 3335 [Celtic Literature and Culture](#) (5)
- FRE 2101 [Niveau Intermediaire](#) (5)
- HON 2100 [Honors Core: Ethics and Critical Reasoning](#) (5)
- JRN 1000 [Fundamentals of Digital and Online Media](#) (5)
- JRN 2335 [Media Literacy](#) (5)
- LIN 2100 [Foundations of Language Study](#) (5)
- PHI 1001 [Logic and Critical Thinking](#) (5)
- PHI 1002 [Ethics and the Good Life](#) (5)
- PHI 1004 [The Examined Life](#) (5)
- SBS 4913 [Middle East Seminar: Islamic Thought and Practice](#) (4.5-6)
- SBS 4922 [Latin American Studies Program: Literature and Language](#) (4.5)
- SPN 2101 [Intermediate Spanish I](#) (5)

- SPN 2102 [Intermediate Spanish II](#) (5)
- SPN 2103 [Intermediate Spanish III](#) (5)
- SPN 2111 [Intermediate Spanish 1 for Heritage Speakers](#) (5)
- SPN 2112 [Intermediate Spanish 2 for Heritage Speakers](#) (5)
- SPN 2113 [Intermediate Spanish 3 for Heritage Speakers](#) (5)
- SPN 2201 [Latin American Civilization and Culture](#) (5)

Special Education

PROGRAM OFFERED

- Special Education (major and emphases)

Education Faculty

The Special Education major prepares you to work with individuals with disabilities in various capacities. It is the only undergraduate major housed in the School of Education.

Programs are tailored for students interested in P-12 teaching, disability policy, research, and careers that support individuals with disabilities in community settings. The School of Education works with SPU's [School of Theology](#) to offer programs in Special Education that work in various types of church ministries.

Find out more about this School's [mission, vision, and outcomes](#).

SPECIAL EDUCATION (BA)

VIEW DEGREE REQUIREMENTS

- [Special Education: Cert Requirements: Elementary \(BA\)](#)
- [Special Education: Cert Requirements: Secondary \(BA\)](#)
- [Special Education: Educational Ministry Emphasis \(BA\)](#)
- [Special Education: Special Education Studies \(BA\)](#)
- **A minimum 50-111 credits are required for this major**, including 23-77 upper-division credits.
- **If you are an incoming student interested in the Special Education major**, you are encouraged to indicate your intent upon admission to SPU. Indication of interest does not commit you to the program, but will ensure that you received the advising and information about the Special Education program requirements.
- **To become a P-12 certified Washington state teacher**, you must complete the Elementary Emphasis with Certification or the Secondary Emphasis with Certification. You will also be required to complete additional content at SPU to receive a dual endorsement as mandated by the state. Please see the Certification Office in the School of Education for more details.
- **If you do NOT want to become a P-12 school teacher**, choose the Special Education Studies Emphasis or Educational Ministry Emphasis.

TEACHING TRACK

- **The Special Education major with teaching** will develop you into a teacher with the knowledge and skills to design and implement appropriate education for students with disabilities.
- **You must major** in either Special Education: Elementary Emphasis with Certification or Special Education: Secondary Emphasis with Certification.
- **The P-12 Special Education Certification** requirements for Special Education are maintained by the School of Education certification office and listed by emphasis.
- **The Special Education major requirements** are maintained by the Special Education Department and program chair.
- **If you are a transfer student**, you must complete a minimum 15 upper-division credits in Special Education coursework prior to your Internship.

Second endorsement

Washington state requires that teacher candidates pursuing an endorsement in Special Education must also earn a second endorsement in a content area.

Students will work with the certification advisor to develop a “Plan of Study” for earning a second endorsement. **Please make an appointment with the certification advisor as soon as possible to begin working on this plan.** Students can make appointments by emailing soecert@spu.edu or at the front SOE office in [Peterson Hall](#) 300.

NON-TEACHING TRACKS

The non-teaching track in Special Education prepares you to work with individuals with disabilities outside the classroom setting. This major serves three general interest areas:

- **If you are pursuing a Special Education degree** and plan to work with state, local, or nonprofit agencies that serve individuals with disabilities. This includes direct-service providers and advocacy groups.
- **If you wish to work with individuals and families** with disabilities in faith-based or church settings.
- **If you plan to pursue an advanced degree in special education** or related fields (e.g., researchers in special education, speech therapists, occupational therapists, and physical therapists).

Special Education Studies emphasis

In collaboration with the special education advisor, students are placed in community-based settings working directly with individuals with disabilities, working in agencies that serve students with disabilities, or working alongside professors on research projects dealing with disability issues.

- **A minimum 10 practicum credits** are required to complete the major.
- **This practicum is set up** in collaboration with a special education advisor.
- **This practicum is not** for teacher certification.

Educational Ministry emphasis

Students in this track benefit from a partnership with the School of Education and SPU's [School of Theology](#). Coursework from both programs provides you with a foundation in both disability studies and educational ministry.

- **When you graduate from this program, you are prepared** to address disability issues in church and parachurch organizations.
- **Internship/Practicum requirements for this emphasis** reflect this need, and graduates are prepared to address methods for including all people in worship and church life.
- **A minimum 10 practicum credits** are required to complete the major.
- **The practicum is in collaboration** with SPU's School of Theology.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Admission to the School of Education

School of Education Faculty

When you enroll in the Foundations Quarter, you are considered a tentative candidate for admission to the School of Education. Before beginning Methods Quarter, you will be required to prepare a formal application for full admission to the School of Education.

Upon the fulfillment of all required prerequisites and full admission to the School of Education, you may take the primary sequence of courses leading to certification.

Admission to the School of Education requires the following:

- **Complete the Foundations Quarter**, achieving a 3.0 GPA (“B”) average with no grade lower than a 2.0 (“C”). Your prerequisite coursework must be no more than five years old.
- **Receive a favorable recommendation** from SPU faculty and staff.
- **Submit two letters of recommendation for review**. You will receive directions on this from the Certification Office prior to Methods Quarter.
- **Pass the SPU writing requirement or ENG 3301 with a grade of 2.0 (“C”) or better.**
- **Achieve a minimum cumulative 3.0 GPA** or a 3.3 GPA in the last 45 credits of college or university work.
- **Documentation of meeting the SOE preferred scores on the basic skills tests (reading, writing and math)**. Official **Washington Educator Skills Test - Basic (WEST-B)**, SAT, or ACT scores are required.
- **Accepted** into a major.
- **Take the appropriate Washington Educator Skills Test – Endorsement (WEST-E/NES)** for each endorsement being earned. Taking the exams will allow you to register for Methods; however, tests must be passed with official scores to SPU prior to September 1 of Methods year.
- **Complete fingerprint and pre-residency** clearance through OSPI.
- **Complete a formal application** for admission to the School of Education.

REGISTRATION IN THE CERTIFICATION PROGRAM

Students will need School of Education permission to register for most classes in the certification program.

Before registering, contact the School of Education to confirm that you have passed the appropriate prerequisites.

CERTIFICATION

All teacher certification candidates are subject to Washington state requirements for the Residency Certificate. These requirements are updated periodically by the Office of the Superintendent of Public Instruction (OSPI) and will take precedent over SPU policies. The School of Education will make every effort to keep students apprised of state changes. Students are also encouraged to visit the School of Education office in Peterson Hall for updates on state requirements.

Upon successful completion of the Residency Certification Program and a baccalaureate degree, the SPU School of Education recommends students to OSPI for their Residency Teacher Certification. Once OSPI receives program completion verification from SPU, students must complete the application process through the OSPI “e-Certification” system in order to receive their certificate.

The Residency Teaching Certificate allows you to teach in Washington state. All teachers must take action to maintain a current teaching certificate as per OSPI regulations. Students are strongly encouraged to monitor their certification status on the “e-Certification” system and keep apprised of current certification requirements on the [OSPI Certification website](#).

Elementary Certification

[School of Education Faculty](#)

[VIEW DEGREE REQUIREMENTS](#)

- [Elementary Certification](#)

INTEGRATED STUDIES MAJOR

Students planning to receive Elementary Teacher Certification must select the [Integrated Studies major](#) with a concentration in one of the areas listed below. The Integrated Studies major is a degree within the College of Arts and Sciences. You will be assigned a major advisor based on your concentration.

[VIEW DEGREE REQUIREMENTS](#)

- [Integrated Studies: Health & Fitness Concentration \(BA\)](#)
- [Integrated Studies: Language Arts Concentration \(BA\)](#)
- [Integrated Studies: Mathematics Concentration \(BA\)](#)
- [Integrated Studies: Natural Sciences Concentration \(BA\)](#)
- [Integrated Studies: Social Sciences Concentration \(BA\)](#)
- [Integrated Studies: The Arts Concentration \(BA\)](#)

FOUNDATIONS QUARTER

The following Foundations prerequisites apply to EDU 2300. It is recommended that students take EDU 2100 concurrently with EDU 2300 whenever possible.

Foundations prerequisites include:

- **Official admission** to SPU.
- **Sophomore standing** (45 credits).
- **Minimum cumulative 2.8 GPA** or 3.0 GPA in last 30 credits or higher.
- **Completed Foundations packet** (contact the [Education office](#) to obtain paperwork).
- **Registered for EDU 2100** in the same quarter as EDU 2300 or must have completed EDU 2100.
- **Post-baccalaureate students only:** Passing scores on the Washington state basic skills test (WEST-B), Washington state educators' endorsement test (WEST-E/NES), and transcript evaluation by the School of Education.

Students will be required to make a Foundations advising appointment with the certification advisor the quarter they take EDU 2300.

METHODS AND SKILLS COURSES

These courses may be taken independently of each other and the professional quarters. Courses must be completed prior to Methods quarter. See [School of Education](#) for more details.

You must receive a minimum GPA of 2.0 ("C") or better in all methods and skills courses to be recommended for certification.

METHODS QUARTER

Methods Quarter is offered only Autumn Quarter. A minimum GPA of 2.0 ("C") is required in all Methods courses.

Methods prerequisites include:

- **Successful completion** of the Foundations quarter with a 3.0 ("B") average and no grade lower than a 2.0 ("C").
- **Senior standing** (135 credits).
- **Accepted** into major.
- **Applied to the Residency Teacher Certification program and admitted** to the School of Education.
- **Minimum cumulative 3.0 GPA** or 3.3 GPA in the last 45 credits.
- **Successful completion** of all Core courses in the Integrated Studies major.
- **Receive a favorable recommendation** from SPU faculty and staff.
- **Pass ENG 3301, or both WRI 1000 and WRI 1100**, with a minimum GPA 2.0 ("C").
- **Passing EDRD 2000** with a minimum GPA 2.0 ("C").
- **Fingerprint and pre-residency clearance** completed.
- **Documentation of meeting the SOE preferred scores on the basic skills tests (reading, writing and math).** Official **Washington Educator Skills Test - Basic (WEST-B)**, SAT, or ACT scores are required.
- **Take the appropriate Washington Educator Skills Test - Endorsement (WEST-E/NES)** for each endorsement being earned. SPU should have official passing scores by September 1 of the student teaching year.

INTEGRATED AND INTERNSHIP QUARTERS

Students must take Integrated and Internship quarters sequentially in the same academic year (Winter-Spring). A minimum 3.0 GPA ("B") is required for Elementary Internships A and B.

Integrated and Internship prerequisites include:

- **Successful completion** of the Methods Quarter with no grade lower than a 2.0 ("C").
- **Completion of 15 upper-division credits** in student's major.
- **Maintaining a 3.0 cumulative GPA** or 3.3 in the last 45 credits throughout both quarters.
- **Official passing score(s)** on the appropriate Washington Educator Skills test - Endorsement (WEST-E/NES).
 - SPU should have official passing scores by September 1 of your students teaching year. Official passing scores must be received by SPU before students will be given permission to register for Integrated quarter.

Political Science

PROGRAMS OFFERED

- Political Science (major, minor, and tracks)

School of Business, Government, and Economics Faculty

The Political Science major equips you to become a leader and citizen who can influence politics and public policy informed by Christian faith and tradition. As a Political Science major at SPU, you will wrestle with some of the most fundamental questions underlying faith and the political order.

- **What is the relationship** between Christian principles and public policy?
- **How can Christians model** both the character and truth of Jesus Christ in the public square?
- **How should we all live** in local, national, and global community?

To assist in the exploration of these questions, you will receive broad training in political philosophy, government, law, public policy, international relations, and the political behavior of individuals, groups, and global actors. You are also provided with peer support and co-curricular activities through the [SPU Political Union](#), a nonpartisan student group.

Find out more about this program's [mission, vision, and learning outcomes](#).

POLITICAL SCIENCE (BA)

VIEW DEGREE REQUIREMENTS

- [Political Science: General Track \(BA\)](#)
- [Political Science: International Affairs Track \(BA\)](#)
- [Political Science: Public Policy and Law Track \(BA\)](#)

Concentrations

The General track offers you the most flexibility while giving you a solid political science base.

The International Affairs track is designed for anyone interested in global politics and policy, or a career in the U.S. State Department.

The Public Policy and Law track is especially beneficial if you are considering a career in government or plan to attend law school.

- **A minimum 69 credits are required for this major**, including 30 upper-division credits.
- **You will choose between three tracks:** General; Public Policy and Law; or International Affairs.
- **You are strongly encouraged to take POL 4940 Political Internships**, and department faculty will work with you to arrange an internship appropriate to your career interests.
- **No more than a total of 10 hours of internship or independent study** can be applied to meet your requirement, but you may add additional credits above the required hours, if you'd like.
- **You are encouraged to fulfill** your Exploratory Curriculum mathematics requirement prior to the spring of your senior year by taking a statistics course such as SOC 2360 Introduction to Statistics in Social and Behavioral Sciences or MAT 1300 Introduction to Statistical Reasoning.

Additional specialization

If you wish to enhance your degree with additional specialization, applied coursework beyond the required credits and in associated majors or minors can be arranged in consultation with the political science advisor.

- **POL 4940 Political Internships is strongly suggested** as an elective in the Political Science: Public Policy and Law Track.
- **At least one year of a [foreign language](#) or equivalent is recommended**, and more than this is strongly encouraged in the Political Science-International Affairs Track.

Additional competencies and requirements

Spreadsheet competency requirement

[Demonstration of spreadsheet competency](#) is required of all students graduating with degrees in the School of Business, Government, and Economics. You can document this by passing BUS 1700 or by scoring at least 60% on the basic Microsoft Office Specialist exam for Microsoft Excel 2013, 2016, or later. For questions regarding the Spreadsheets Competency Requirement, contact Dr. Richard Sleight at sl8@spu.edu.

POLITICAL SCIENCE MINOR

[VIEW DEGREE REQUIREMENTS](#)

- [Political Science Minor](#)

The Political Science minor allows you to complement your chosen major with some general political science coursework.

- **A minimum 30 credits are required**, including 15 upper-division credits.
- **SPU requires you to earn at least 15 credits of this minor at SPU**, 10 of which must be upper-division credits.
- **For questions regarding SBGE minors**, contact Dr. Richard Sleight (sl8@spu.edu).

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.

- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

FUTURE TEACHERS

VIEW DEGREE REQUIREMENTS

- [Integrated Studies: Social Sciences Concentration \(BA\)](#)

Certification With Elementary Education Endorsement

If you plan to teach in an elementary school and are interested in teaching Political Science or Geography, you must major in the [Integrated Studies major](#) with a concentration in social sciences. Further information can be found on the [School of Education website](#).

Certification With Secondary Education Endorsement

If you plan to obtain secondary Residency Teacher Certification with an endorsement in Political Science, you should pursue a BA in Political Science, and you must also complete [requirements for a Secondary Education Endorsement](#) through the School of Education.

P-12 Certification

[School of Education faculty](#)

[VIEW DEGREE REQUIREMENTS](#)

- [P-12 Health/Fitness Certification Requirements](#)
- [P-12 Music Certification Requirements](#)
- [P-12 Theater Certification Requirements](#)
- [P-12 Visual Art Certification Requirements](#)

CHOOSING A MAJOR

Students seeking a P-12 endorsement (all levels) in health and fitness, choral music, general music, instrumental music, theater arts, and visual arts will need to major in their endorsement area in the college of arts and science. Students will also enroll in the P-12 certification program in order to earn their residency teaching certificate.

Students seeking secondary certification at SPU should meet with the certification office in the School of Education no later than their sophomore year or the first quarter at SPU for transfer students.

Students seeking an endorsement in theater arts typically require a second endorsement. Theater arts students should work with their major advisor and the school of education to ensure they have the content requirements for the second endorsement.

FOUNDATIONS QUARTER

The following Foundations prerequisites apply to EDU 2300. It is recommended that students take EDU 2100 concurrently with EDU 2300 whenever possible.

All Foundations courses must be passed with a 3.0 ("B") average and no grade lower than a 2.0 ("C").

Foundations prerequisites include:

- **Official admission** to SPU.
- **Sophomore standing** (45 credits).
- **Minimum cumulative 2.8 GPA** or 3.0 GPA in last 30 credits.
- **Completed foundations packet** (contact the [Education office](#) to obtain paperwork).
- **Registered for EDU 2100** the same quarter as EDU 2300, or must have completed EDU 2100.
- **Post-baccalaureate students only:** Passing score on the Washington state basic skills tests (WEST-B), Washington state educators' endorsement test (WEST-E/NES), and transcript evaluation by the School of Education.

METHODS AND SKILLS COURSES

These courses may be taken independently of each other and the professional quarters. Courses must be completed prior to Methods Quarter. See School of Education for more details.

Students must receive a minimum GPA of 2.0 ("C") or better in all methods and skills courses to be recommended for certification.

METHODS QUARTER

Methods quarter is only offered Autumn Quarter. A minimum GPA of 2.0 ("C") is required in all methods courses.

Methods prerequisites include:

- **Successful completion** of the Foundations quarter with a 3.0 ("B") average and no grade lower than a 2.0 ("C").
- **Senior standing** (135 credits).
- **Accepted** into major.
- **Applied to the Residency Teacher Certification program and admitted** to the School of Education.
 - P-12 Music students: See the School of Education at least one year before scheduled methods quarter to begin this paperwork.
- **Minimum cumulative GPA of 3.0** or 3.3 in last 45 credits.
- **Receive a favorable recommendation** from SPU faculty and staff.
- **Pass ENG 3301, or both WRI 1000 and WRI 1100**, with a grade of 2.0 ("C") or better (if admitted to SPU Autumn Quarter 2012 or later).
- **Pass EDU 4530** with a grade of 2.0 ("C") or better.
- **Fingerprint and pre-residency clearance** completed.
- **Official passing score on the Washington Educator Skills Test – Basic (WEST-B)** testing requirement for teachers or official ACT/SAT scores meeting the minimum requirement for reading, writing, and mathematics.
- Take the appropriate **Washington Educator Skills Test – Endorsement (WEST-E/NES)** for each endorsement being earned.

INTEGRATED AND INTERNSHIP QUARTERS

Students must take Integrated and Internship quarters sequentially in the same academic year (offered winter-spring).

A minimum 3.0 ("B") average is required for both internships.

Integrated and Internship prerequisites include:

- **Successful completion** of the Methods quarter with no grade lower than a 2.0 ("C").
- **Completion of 15 upper-division credits** in major.
- **Maintaining a minimum 3.0 cumulative GPA** or 3.3 in the last 45 credits throughout both quarters.
- **Official passing score(s)** on the appropriate Washington Educator Skills-Endorsement (WEST-E/NES) test(s).
- **SPU should have official passing scores by September 1** of your student teaching year. Official passing scores must be received by SPU before students will be given permission to register for Integrated Quarter.

School of Psychology, Family, and Community



[Katy Tangenberg](#), PhD, Dean
School of Psychology, Family, and Community Faculty

Faculty, staff, and students in the School of Psychology, Family, and Community strive to become a community of learners who are:

- **Guided by faith.** Exploring the implications of vital expressions of Christian faith for the human condition, and for fostering emotional and relational healing and health.
- **Rooted in academic discipline.** Fostering rigorous and creative learning environments, and contributing primary scholarship to the scientific study of psychological and social processes.
- **Committed to service.** Nurturing creative partnerships with our local community and beyond in order to serve in, and learn from, socially and culturally diverse settings.

Find out more about this School's [mission, vision, and learning outcomes](#).

DEGREE PROGRAMS

Major

[Psychology](#)

Minors

[Psychology](#)

[Data Analytics](#) (interdisciplinary)

Exercise Science

PROGRAMS OFFERED

- Exercise Science (major and minor)

Health and Human Performance Faculty

The Exercise Science faculty are committed to delivering a program that promotes health through physical activity while valuing and examining physical activity through a Christian worldview.

Find out more about this program's [mission, vision, and learning outcomes](#).

EXERCISE SCIENCE (BS)

VIEW DEGREE REQUIREMENTS

- [Exercise Science \(BS\)](#)
- **A minimum 80 credits are required for this major**, including 35 upper-division credits.
- **In this major, you are required to complete the 54 credits of core courses**, as well as the remainder additional credits.
- **This major includes** 3 elective credits.
- **In this major, you are required to complete PE 4899 "Senior Capstone,"** in which you research a topic, write a well-documented paper, and present it before your professors and peers.

EXERCISE SCIENCE MINOR

VIEW DEGREE REQUIREMENTS

- [Exercise Science Minor](#)
- **A minimum 36 credits are required** for this a minor, including 15 upper-division credits.
- **Courses include two quarters of** "Human Anatomy and Physiology," "Exercise Physiology," "Biomechanics," "Wellness and Physical Activity," "Psychological Aspects of Health and Physical Activity," "Applied Exercise Science," and "Functional Anatomy."

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.

major or minor in the department.

- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

FUTURE TEACHERS

VIEW DEGREE REQUIREMENTS

- [Integrated Studies: Health & Fitness Concentration \(BA\)](#)

Elementary Teacher Certification

If you plan to obtain elementary Residency Teacher Certification and are interested in teaching health and fitness, you must major in the [Integrated Studies major](#) with a concentration in Health and Fitness.

The concentration consists of courses in nutrition and health and fitness, and the advisor for the Integrated Studies: Health and Fitness Concentration is Dr. JoAnn Atwell-Scriver (jaas@spu.edu).

Secondary Teacher Certification

If you plan to seek secondary Teacher Certification and obtain a Washington state teaching endorsement in health and fitness, you must complete a minimum 45 credits in Health and Fitness to obtain your original/first endorsement or a minimum 24 credits in Health and Fitness to obtain a supporting/ second endorsement.

See [Certification Requirements](#) in School of Education for more information.

Advisor Dr. JoAnn Atwell-Scriver can be contacted at jaas@spu.edu or 206-281-2941.

Health and Fitness Education

PROGRAMS OFFERED

- Health and Fitness Education (major and minor)
- Coaching Science (minor)

[Health and Human Performance Faculty](#)

The Health and Fitness Education faculty are committed to delivering a program that promotes health through physical activity while valuing and examining physical activity through a Christian worldview.

Find out more about this program's [mission, vision, and learning outcomes](#).

HEALTH AND FITNESS EDUCATION (BA)

VIEW DEGREE REQUIREMENTS

- [Health and Fitness Education \(BA\)](#)

In this major, you will proceed through a sequential, comprehensive curriculum that prepares you to enter a variety of movement-related professions, including teaching, fitness training, and recreational leadership.

- **A minimum 80 credits are required in this major**, including 35 upper-division credits.
- **This major requires you to complete the 54 credits of core courses**, as well as the remainder of additional credits.
- **You are required to complete PES 4899 Senior Capstone**, in which you research a topic, write a well-documented paper, and present it before your professors and peers.

HEALTH AND FITNESS AND COACHING SCIENCE MINOR

VIEW DEGREE REQUIREMENTS

- [Health and Fitness Minor](#)
- [Coaching Science Minor](#)
- **A minimum 36 credits are required** for the Health and Fitness minor, including 15 upper-division credits.
- **A minimum 36 credits are required** for the Coaching Science minor, including 19 upper-division credits.
- **The Coaching Science minor** requires completion of a practicum.

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU**, apply for entrance to your chosen minor in Banner by [following these instructions](#).

- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

FUTURE TEACHERS

VIEW DEGREE REQUIREMENTS

- [Integrated Studies: Health & Fitness Concentration \(BA\)](#)

Elementary Teacher Certification

If you plan to obtain Residency Teacher Certification (K–8) and are interested in teaching health and fitness, you must major in the [Integrated Studies \(BA\) major with a concentration in Health and Fitness](#).

The concentration consists of courses in nutrition and health and fitness. The advisor for the Integrated Studies: Health and Fitness Concentration is Dr. JoAnn Atwell-Scriver (jaas@spu.edu).

Secondary Teacher Certification

If you plan to seek Secondary (junior or senior high school) Teacher Certification and obtain a Washington state teaching endorsement in health and fitness, you must complete a minimum 45 credits in Health and Fitness to obtain your original/first endorsement or a minimum 24 credits in Health and Fitness to obtain a supporting/second endorsement.

See [Certification Requirements](#) in School of Education for more information. Advisor Dr. JoAnn Atwell-Scriver can be contacted at jaas@spu.edu.

Christian Theology (BA) to Christian Leadership (MA)

[David Nienhuis, PhD, Contact](#)

[Theology faculty](#)

[Seminary faculty](#)

A combined Christian Theology (BA) and Christian Leadership (MA) is ideal for students who feel called by God to serve in pastoral leadership and desire educational and formational training to support this vocation.

Through dual-function courses that count for both degree programs, you will be able to complete this combined degree in an accelerated timeline, graduating with both degrees within five years instead of six, as shown on this [sample degree sequence](#) (PDF) for the accelerated program.

VIEW DEGREE REQUIREMENTS

- [Christian Theology \(BA\)](#)
- [Christian Leadership \(MA\)](#)

CHRISTIAN THEOLOGY (BA)

- **Undergraduate students should apply** to the Christian Theology major via the online [Major or Minor Application form](#) no later than the fall of their junior year.
- **Successful applicants to this accelerated major** must have at least a 3.0 GPA.
- **When applying to the accelerated major**, students must submit an essay to the School of Theology [associate dean of undergraduate studies](#) describing their understanding of their vocation for pastoral leadership.

Upon acceptance in the Christian Theology undergraduate major, you will be advised by the associate dean on the completion of your major in order to have finished all but upper-division elective requirements for the BA by December of your fourth/senior year. [View](#)

CHRISTIAN LEADERSHIP (MA)

- **Students must apply for the [Christian Leadership \(MA\)](#)** via the [standard application process](#) for that degree program (application form, resume, personal essay, official transcripts attesting a minimum 3.0 GPA; two recommendation letters) no later than March 31 of their third/junior year.
- **Once accepted into the graduate program**, students will take master's courses beginning in January of their senior year.
- **Those master's courses will transfer back** to fulfill the remaining elective requirements in their major for their BA, while certain designated courses taken during their BA will fulfill specific course requirements of the MA.

During the time that they are pursuing the Christian Leadership (MA) degree, students will participate fully in the academy, abbey, and apostolate components of the seminary curriculum, preparing them to serve in pastoral leadership positions upon graduation.

Special Education Certification

[School of Education Faculty](#)

[VIEW DEGREE REQUIREMENTS](#)

- [Special Education: Cert Requirements: Elementary \(BA\)](#)
- [Special Education: Cert Requirements: Secondary \(BA\)](#)
- [Special Education: Educational Ministry Emphasis \(BA\)](#)
- [Special Education: Special Education Studies \(BA\)](#)

CHOOSING A MAJOR

Students seeking an endorsement in special education will major in special education with a focus in Elementary Special Education or Secondary Special Education. Your focus will drive the courses you take for certification, courses for your second endorsement, as well as placements during your student teaching. Basic requirements for certification are the same and listed below, but the certification courses vary based on emphasis.

Find out more about this School's [mission, vision, and outcomes](#).

SECOND ENDORSEMENT

Washington state requires that teacher candidates pursuing an endorsement in Special Education also earn a second endorsement in a content area.

Special Education majors will work with the certification advisor to develop a plan of study for earning a second endorsement.

Please make an appointment with the certification advisor as soon as possible to begin working on this plan. Make appointments by emailing soecert@spu.edu or at the front SOE office in [Peterson Hall](#) 300.

For a complete overview of the Residency Teacher Certification Program, visit the [School of Education](#).

FOUNDATIONS QUARTER

The following Foundations prerequisites apply to EDU 2300. It is recommended that you take EDU 2100 concurrently with EDU 2300 whenever possible.

All Foundations courses must be passed with a 3.0 ("B") average and no grade lower than a 2.0 ("C").

Foundations prerequisites include:

- **Official admission** to SPU.
- **Sophomore standing** (45 credits).
- **Minimum cumulative 2.8 GPA** or 3.0 GPA in last 30 credits.
- **Completed Foundations packet** ([contact the Education office](#) to obtain paperwork).
- **Approved general psychology** or general sociology class with a minimum 2.0 GPA ("C").
- **Post-baccalaureate students only:** Passing score on the Washington state basic skills test (WEST-B), Washington state educators' endorsement test (WEST-E/NES), and transcript evaluation by the School of Education.

METHODS AND SKILLS COURSES

These courses may be taken independently of each other and the professional quarters. Courses must be completed prior to Methods quarter. See the [School of Education](#) for more details.

Students must receive a minimum 2.0 GPA ("C") in all Methods and Skills courses to be recommended for certification.

METHODS QUARTER

Methods quarter is offered only Autumn Quarter. A minimum GPA of 2.0 ("C") is required in all methods courses

Methods prerequisites include:

- **Successful completion** of the Foundations Quarter with a 3.0 ("B") average and no grade lower than a 2.0 ("C").
- **Senior standing** (135 credits).
- **Acceptance into** the Special Education major.
- **Applied to the Residency Teacher Certification program and admitted** to the School of Education program.
- **Minimum cumulative 3.0 GPA** or 3.3 in the last 45 credits.
- **Receive a favorable recommendation** from SPU faculty and staff.
- **Pass ENG 3301, or both WRI 1000 and WRI 1100**, with a minimum 2.0 GPA ("C") or better (if admitted to the University autumn 2012 or later).
- **Pass MAT 1560, MAT 2561, MAT 3562, and EDRD 2000 with a 2.0 ("C")** or better.
- **Fingerprint** and pre-residency clearance completed.
- **Documentation of meeting the SOE preferred scores on the basic skills tests (reading, writing and math).** Official [Washington Educator Skills Test - Basic \(WEST-B\)](#), SAT, or ACT scores are required.
- **Take the appropriate [Washington Educator Skills Test – Endorsement \(WEST-E/NES\)](#)** for each endorsement being earned. SPU should have official passing scores by September 1 of the student teaching year.

INTEGRATED AND INTERNSHIP QUARTERS

You must take Integrated and Internship quarters sequentially in the same academic year (offered winter and spring).

A minimum 3.0 GPA ("B") is required for Special Education Internships A and B.

Integrated and Internship prerequisites include:

- **Successful completion** of the Methods Quarter with no grade lower than a 2.0 ("C")
- **Completion of 15 upper-division Special Education credits.**
- **Maintaining a 3.0 cumulative GPA** or a 3.3 in the last 45 credits throughout both quarters.
- **Official passing score** on the appropriate [Washington Educator Skills-Endorsement \(WEST-E/NES\)](#) test(s).
 - SPU should have official passing scores by September 1 of your student teaching year. Official passing scores must be received by SPU before students will be given permission to register for Integrated Quarter.

APPLY TO THE MAJOR

For major application requirements for Special Education: Elementary Emphasis or Secondary Emphasis, see the [Special Education major page](#).

Interdisciplinary Programs



- [Anthropology minor](#)
- [Asian Studies](#)
- [Bioethics and Humanities minor](#)
- [Costume Design and Production: Family and Consumer Sciences](#)
- [Costume Design and Production: Theatre](#)
- [Criminal Justice](#)
- [Data Analytics minor](#)
- [Ecotheology minor](#)
- [Film Studies](#)
- [General Studies](#)
- [Global Development Studies](#)
- [Global Engagement minor](#)
- [Honors Liberal Arts](#)
- [Information Studies minor](#)
- [Integrated Studies](#)
- [Interactive Computing and Art minor](#)
- [Leadership Studies minor](#)
- [Politics, Philosophy, and Economics](#)
- [Pre-Law](#)
- [Pre-Professional Health Programs](#) (e.g., pre-med/pre-dental, pre-optometry, pre-pharmacy, pre-PT/OT, and pre-veterinary)
- [Professional Studies](#)
- [Social Justice and Cultural Studies](#)

- Student-Designed major
- Urban Studies minor
- Women's Studies minor

Asian Studies

PROGRAMS OFFERED

- Asian Studies (major and minor)

[Asian Studies Faculty](#)

Sixty percent of the world's population lives in Asia. Additional millions of Asians live in other parts of the world — and Asia is home to the world's oldest modern civilizations, some of its richest cultures, and some of its most dynamic societies.

From our location in Seattle on the Pacific Rim, students and faculty at SPU learn about and encounter Asia because this is central to our mission of understanding and engaging our multicultural and complex world.

Pursuing Asian Studies as a major or minor will deepen your understanding of, and commitment to, global and cultural engagement, reconciliation, and human flourishing. In this major, your interdisciplinary coursework and diverse educational experiences will prepare you for service or further study in business, education, development, law, ministry, history, linguistics and many other fields.

ASIAN STUDIES (BA)

VIEW DEGREE REQUIREMENTS

- [Asian Studies \(BA\)](#)
- **A minimum 54 credits are required for this major**, including 23 upper-division credits.
- **Core coursework** is the study of the history, languages, and cultures of Asia.
- **Electives include coursework** from disciplines across the University, including art, business, economics, literature, music, political science, and others.
- **An Engagement Experience** is required, such as a study abroad, an internship, or a senior project.

ASIAN STUDIES MINOR

VIEW DEGREE REQUIREMENTS

- [Asian Studies Minor](#)
- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **Core coursework** is the study of history, languages, and cultures of Asia.
- **Electives include** coursework from disciplines across the University, including art, business, economics, literature, music, political science, and others.
- **An engagement experience** is required (e.g., study abroad, internship, or senior project).

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior

year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Asian Studies major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

School of Theology



[Doug Strong, PhD, Dean](#)
[Theology Faculty](#)

Since its founding in 1891, Seattle Pacific University has equipped men and women to engage the culture with the gospel of Jesus Christ. The School of Theology, which exists to serve this end, houses undergraduate programs, as well as graduate programs in its [Seattle Pacific Seminary](#).

At both the undergraduate and the seminary level, faculty members will nourish your intellectual, spiritual, and personal growth. They will also help you master the critical skills and multicultural sensitivities needed to understand the Christian faith and translate it into practices that change the world.

[Find out more about this School](#), its threefold model of theological education, programs, and learning outcomes.

DEGREE PROGRAMS

Major

- [Christian Theology](#)

Minors

- [Christian Scripture](#)
- [Christian Discipleship](#)
- [Ecotheology](#)
- [Educational Ministry](#)
- [Global and Urban Ministries](#)
- [Reconciliation Studies](#)
- [Worship Arts Leadership](#)
- [Youth Ministries](#)

Combined degree

- Christian Theology BA to MA

Theatre

PROGRAMS OFFERED

- Theatre (major, minor, and emphases)
- Costume Design and Production (major and minor)

Theatre Faculty

The study of theatre provides you with opportunities to explore personal values, develop personal skills, and acquire techniques of insight and critical reasoning — all within a distinctive philosophical and artistic environment.

When you major or minor in Theatre, you will be exposed to a sizable body of dramatic literature, theory, and historical study, leading to the development of an informed perspective of the role of theatre as a social, spiritual, and artistic institution. The experience is a liberalizing one, designed to allow you to explore and develop yourself as both an individual and an artist.

Find out more about this department's [mission, vision, and learning outcomes](#).

THEATRE (BA)

VIEW DEGREE REQUIREMENTS

- [Theatre: Performance Emphasis \(BA\)](#)
- [Theatre: Production & Design Emphasis \(BA\)](#)
- [Theatre: Teaching Emphasis \(BA\)](#)
- [Theatre: Theatre Studies Emphasis \(BA\)](#)

The Theatre major provides you with opportunities to explore personal values, develop personal skills, and acquire techniques of insight and critical reasoning — all within a distinctive philosophical and artistic environment.

- **A minimum 80 credits are required for this major and its emphases**, including 30 upper-division credits.
- **This major includes four emphases:** Performance, Production and Design, Theatre Studies, and Teaching.
- **The Teaching emphasis** provides a foundation toward [P-12 Certification](#) or teaching endorsements through the [School of Education](#).
- **If you plan to pursue teacher education**, maintain a 3.0 cumulative GPA.
- **Many of the courses focus on skills associated** with performance, playwriting, directing, designing, and technical theatre crafts.
- **An extensive production program** is maintained.
- **You must demonstrate a growing ability** in theatrical criticism, artistic awareness, and personal theatrical skills.
- **You must complete a Senior Project** in acting, directing, design, technical direction, or playwriting. Your project must include both an approved prospectus and some form of public demonstration made during your senior year.

Senior Project

Your Senior Project will be developed with faculty advisor consultation and approved by the theatre faculty. It is expected to be the independent work of a mature student artist.

This project is considered the culmination of your undergraduate training and must be of substantial merit, reflecting an informed artistic sensitivity and philosophy. You may accumulate up to 3 credits of TRE 4961 "Special Projects" in the completion of this requirement.

COSTUME DESIGN AND PRODUCTION (BA)

[VIEW DEGREE REQUIREMENTS](#)

- [Costume Design and Production \(BA\) \(Theatre\)](#)

The major in Costume Design and Production takes advantage of the resources of the Department of Theatre and the Department of Family and Consumer Sciences.

Through the combined study of theatre, apparel design, clothing construction, clothing history, and theatre history, we prepare students who want to become costumers, wardrobe managers, and costume designers in professional theatre, film, or other performance genres.

*This major and minor are found in TRE and FCS. Please be advised that these programs are identical in scope and requirement. If you are taking a major in one department, and would like to add a minor, it must be in the other department. For example, if you are majoring in FCS Apparel Merchandising and would like to minor in Costume Design and Production, you would need to take that minor as a TRE minor.

- **A minimum 88 credits are required for this major**, including 36 upper-division credits.
- **Core courses from the Family and Consumer Sciences Department** include "History of Costume," "Textiles," and "Flat Pattern Design."
- **Core courses from the Theatre Department** include "Stagecraft," "Analyzing and Interpreting Theatre," and "Production Practicum."

THEATRE OR COSTUME DESIGN AND PRODUCTION MINOR

[VIEW DEGREE REQUIREMENTS](#)

- [Theatre Minor](#)

[VIEW DEGREE REQUIREMENTS](#)

- [Costume Design and Production Minor \(Theatre Dept\)](#)
- **A minimum of 35 credits are required** for the Theatre minor, including 15 upper-division credits.
- **A minimum of 35 credits are required** for the Costume Design and Production minor, including 18 upper-division credits.

ENTERING AND COMPLETING A MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

FUTURE TEACHERS

[VIEW DEGREE REQUIREMENTS](#)

- [Integrated Studies: The Arts Concentration \(BA\)](#)

Certification with elementary education endorsement

- **If you plan to teach in an elementary school** and are interested in theatre, you must major in the [Integrated Studies major](#) with a concentration in the Arts.
- **The concentration consists of courses** in art, music, and theatre.
- **The faculty advisor** for the Arts Concentration, Dr. Andrew Ryder (aryder@spu.edu).
- **Further information** about the Elementary Certification Program is available in the [School of Education](#).

Certification with P-12 endorsement in Theatre

If you plan to obtain Residency Teacher Certification with endorsement in Theatre, you should pursue a BA in Theatre Education, and you must also complete P-12 Certification through the School of Education.

If you plan to become a teacher, visit the [School of Education](#) for complete information.

Theology Minors

Theology Faculty

The School of Theology offers seven minors, each designed to enrich your chosen major and strengthen the connection between your faith and your life in the workplace, home, church, and world.

VIEW DEGREE REQUIREMENTS

- [Youth Ministry Minor](#)
- [Worship Arts Leadership Minor](#)
- [Christian Discipleship Minor](#)
- [Reconciliation Studies Minor](#)
- [Global and Urban Ministry Minor](#)
- [Educational Ministry Minor](#)
- [Christian Scripture Minor](#)

VIEW DEGREE REQUIREMENTS

- [Ecotheology Minor](#)
- **A minimum 30–34 credits are required for these minors**, including 15–21 upper-division credits.
- **Each minor has core requirements specific to that minor**, as well as additional required courses.
- **You may combine the Youth Ministry minor** with a supervised Internship with Western Washington Young Life or Seattle Youth for Christ. As an intern, you can serve as a volunteer or, in some cases, in a part-time paid position. You may work toward full-time placement after college as staff or as a volunteer leader with either organization.

ENTERING AND COMPLETING A MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU**, request entrance to your minor in Banner by [following these instructions](#).
- **If you are a continuing SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.

you to explore options, which may include choosing a different major or minor.

- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Costume Design and Production (FCS)

NOTE: No new applicants are being received into the FCS Costume Design and Production program in the 2020-21 academic year. However, the identical **TRE version of the program** is still receiving students.

PROGRAMS OFFERED

- Costume Design and Production (major and minor)

[Family and Consumer Sciences Faculty](#)

COSTUME DESIGN AND PRODUCTION (BA)

[VIEW DEGREE REQUIREMENTS](#)

- [Costume Design and Production \(BA\) \(FCS Dept\)](#)

[VIEW DEGREE REQUIREMENTS](#)

- [Costume Design and Production Minor \(FCS Dept\)](#)

The Costume Design and Production program is a joint program between the Department of Family and Consumer Sciences (FCS) and the [Theatre Departmente](#) (TRE).

Through the combined study of theatre, apparel design, clothing construction, clothing history, and theatre history, we prepare students to become costumers, wardrobe managers, costume technicians and costume designers in professional theatre, film, or other performance genres.

Note: This major and minor are found in TRE and FCS. Be advised that these programs are identical in scope and requirement. If you take a major in one department and would like to add a minor, it must be in the other department. For example, if you are majoring in FCS Apparel Merchandising and would like to minor in Costume Design and Production, you would need to take that minor as a TRE.

- **A minimum 88 credits are required for this major**, including 36 upper-division credits.
- **A minimum 35 credits are required for this minor**, including 15 upper-division credits.
- **This major requires completion of the Family and Consumer Sciences Core**, which includes:
 - FCS 3240 Individual and Family Development.
 - FCS 4899 Senior Capstone, completed after FCS 3240 and during your senior year.
- **Core major courses from the Family and Consumer Sciences Department** include History of Costume, Textiles, and Flat Pattern Design.
- **Core courses from the Theatre Department** include Stagecraft, Analyzing and Interpreting Theatre, and Production Practicum.

Anthropology Minor

DEGREES OFFERED

- Anthropology (minor, track)

[Biology Faculty](#)

[Languages, Cultures, and Linguistics Faculty](#)

[Sociology Faculty](#)

VIEW DEGREE REQUIREMENTS

- [Anthropology Minor: Linguistics](#)
- [Anthropology Minor: Cultural Anthropology](#)
- [Anthropology Minor: Biological Anthropology](#)

The field of anthropology studies humans and human cultures in the past and present. In the anthropology minor, you will think critically about what it means to be human “beings.” You can choose from among three areas of emphasis in this minor.

- **Biological anthropology** is the study of the biological and behavioral aspects of human beings.
- **Cultural anthropology** is a comparative study of human cultures.
- **Linguistic anthropology** studies the role of language in the social lives of individuals and communities.
- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **This is an excellent minor for students** pursuing careers in medicine, missions, public health, education, ecology, and forensics.

ENTERING AND COMPLETING THE MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course

progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.

- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Communication, Journalism, and Film

PROGRAMS OFFERED

- Communication (major, minor, and track)
- Film Studies (major and minor)
- Journalism (minor and track)

Communication, Journalism, and Film Faculty

When you major or minor in the Department of Communication, Journalism, and Film, you are prepared to understand communication as a social, intellectual, ethical, and artistic process. You will learn to engage in communication, journalism, and film as a responsible human behavior.

Find out more about this program's [mission, vision, and learning outcomes](#).

COMMUNICATION (BA)

VIEW DEGREE REQUIREMENTS

- [Communication: Communication Studies Track \(BA\)](#)
- [Communication: Journalism Track \(BA\)](#)

Communication Studies

The [Communication Studies](#) track of this major provides you opportunities to develop communication skills, explore values, and acquire techniques of insight and critical reasoning. Emphasis is placed on person-to-person contact in both private and public settings.

Journalism

The [Journalism](#) track of this major educates, trains, and prepares you to engage in a career in journalism. This track provides many opportunities, both inside and outside the classroom, to develop written and oral communication skills, explore values, and acquire techniques of insight and critical reasoning. Emphasis is placed on mediated communication in public settings.

- **A minimum 60–63 credits are required for the Communication major**, including 25–28 upper-division credits.
- **You will choose one of two tracks** — Communications Studies or Journalism Track — when you major in Communication.
- **The General Core in this major is 35 credits**, including “Public Speaking” and “Communication Ethics.” This major also includes 10 elective credits.
- **During your senior year**, you will choose one Senior Seminar such as “Persuasive Campaigns,” “Gender Communication,” or “Rhetoric of Dissent.”

FILM STUDIES (BA)

VIEW DEGREE REQUIREMENTS

- [Film Studies \(BA\)](#)

The Film Studies major prepares you to become a creative and informed writer, audience member, and practitioner of film, through a deeper understanding of film art, history, aesthetics, criticism, and production.

You will develop skills that are at the heart of a liberal arts education, including writing, critical thinking, and problem solving. The major provides an array of course offerings informed by a Christian perspective, with the aim of graduating students of competence and character who are prepared for professional careers, advanced study, and service. Primary goals include:

Cinema literacy: You will practice critical media literacy within the contexts of American and international cinemas.

Historical literacy: You will understand the formation of the American film industry and the pivotal roles movies have played in shaping American and international cultures.

Creative practice: This major prepares a generation of film critics, audiences, and professionals.

- **A minimum 65 credits** are required for this major, including 30 upper-division credits.
- **This program partners with the [L.A. Film Studies Center](#)**, a BestSemester program of the Council for Christian Colleges and Universities. A semester at the LAFSC can serve as credits toward the Film Studies major.

COMMUNICATION AND JOURNALISM MINORS

VIEW DEGREE REQUIREMENTS

- [Journalism Minor](#)
- [Communication Minor](#)
- **A minimum 30 credits are required for these minors**, including 15 upper-division credits.

FILM STUDIES MINOR

VIEW DEGREE REQUIREMENTS

- [Film Studies Minor](#)

A Film Studies minor unites Seattle Pacific's liberal arts tradition with a focus on film history and art. Much like those who pursue the major, students who minor in Film Studies will possess a range of skills that prepares them for success in many professions, especially ones that involve critical thinking, writing, and visual literacy. The minor complements any number of majors and is also solid preparation for graduate study.

A minimum 30 credits are required for this minor, including 15 upper-division credits.

The 20 credits of core requirements include FLM 2001 Film History I: Beginnings–1960 and FLM 3000 Directors and Genres.

This minor's electives will be chosen from a list of film, English, and communication courses.

ENTERING AND COMPLETING A MAJOR OR MINOR IN THIS DEPARTMENT

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Lydia Green Nursing Program

PROGRAM OFFERED

- Nursing (major)

School of Health Sciences Faculty

The Lydia Green Nursing Program prepares graduates of competence, character, and wisdom to meet the health needs of a community by promoting wellness and providing illness care for its members.

Seattle Pacific's nursing program — undergraduate pre-licensure BSN is approved by the Washington State Nursing Care Quality Assurance Commission and accredited by the Commission on Collegiate Nursing Education (CCNE).

Find out more about this program's mission, vision, and learning outcomes.

NURSING (BS)

VIEW DEGREE REQUIREMENTS

- Nursing (BS)
- **A minimum 125 credits are required for this major**, including 80 nursing upper-division credits.
- **Upon satisfactory completion of the baccalaureate degree**, you are eligible to take the National Council Licensure Examination (NCLEX-RN) required for licensure as a registered nurse.

NURSING PROGRAM ADMISSION DATA

Nursing is a highly competitive and selective major with limited enrollment. Below are admission data averaged over the past three years.

- **The SPU nursing program accepted 62.8%** of qualified SPU current student applicants.
- **The average GPA of this group admitted** to the major was 3.49 (range 2.75-4.0).
- **In the same time period 13.1% of transfer** and post-baccalaureate students were accepted.
- **The average GPA of those admitted from this group** was 3.78 (range 3.07-4.0).

ENTERING AND COMPLETING THE MAJOR

If you are a currently enrolled SPU student, your preparation for entry into the Nursing major begins the first quarter of your freshman year focusing on completion of prerequisite and Common Curriculum and Exploratory Curriculum courses. Nursing program prerequisites are typically completed during the first two years. Formal application to the major begins after completing four or more of the prerequisite courses.

- **Applicants may complete all coursework at SPU, or may transfer** prerequisite, general education, and elective coursework from other institutions.
- **The minimum GPA required to apply for current SPU students is 2.85 in the combined prerequisite courses**, with no course grade lower than a "C" (2.0). A maximum of two courses may be repeated to achieve the minimum grade of 2.0.
- **Transfer students are those who have not been enrolled at SPU in the past four quarters**. Transfer students

- **Transfer students are those who have not been enrolled at SPU in the past four quarters.** Transfer students must have completed either a Direct Transfer Agreement (DTA) degree or 90 transferable credits by the end of the quarter prior to entry into the nursing program.
- **Transfer applicants and post-baccalaureate applicants** must have a minimum 3.5 GPA in the combined prerequisite courses, with no course grade lower than a "C" (2.0). A maximum of two courses may be repeated to achieve the required minimum grade of 2.0. Apply to Seattle Pacific University at the same time you apply to the nursing program and indicate nursing as your preferred major.
- **Applicants must complete all prerequisite courses prior to beginning nursing major coursework.**
- **Part of the selection process requires applicants to participate in an interview.** Applications for the nursing major are available on the School of Health Sciences [nursing website](#).
- **Those accepted into the Nursing Program must maintain a minimum C grade (2.0)** in all nursing courses to continue in the Nursing Program.
- **You must complete the major or minor requirements** in effect in the SPU Undergraduate Catalog for the year of admittance to the major or minor.

PREREQUISITE COURSES

Anatomy (5)

- SPU Equivalent: **BIO 2129** Human Anatomy and Physiology (5)

Physiology (5)

- SPU Equivalent: **BIO 2130** Human Anatomy and Physiology (5)

Microbiology (5)

- SPU Equivalent: **BIO 3351** General Microbiology (5)

Inorganic/General Chemistry (5)

- SPU Equivalent: **CHM 1310** (5)

Organic Biological Chemistry (5)

- SPU Equivalent: **CHM 1360** Survey of Biochemistry (5)

Note: All science courses listed above must include a lab.

General Psychology (5)

- SPU Equivalent: **PSY 1180** General Psychology (5)

Life Span Psychology (5)

- SPU Equivalent: **PSY 2470** Life Span Developmental Psychology (5)

Human Nutrition (5)

- SPU Equivalent: **FCS 3340** Human Nutrition (5) (preferred) OR a lower-division Human Nutrition course (5)

Basic Statistics (5)

- SPU Equivalent: **MAT 2360** Introduction to Statistics for the Sciences (5) OR **MAT 1300** Intro to Statistical Reasoning (5) OR **PSY 2360*** Intro to Stats, Social and Behavioral Sciences (5) OR **SOC 2360*** Intro to Stats, Social and Behavioral Sciences (5)

*Restricted to certain majors, not including pre-Nursing, but may count as a Nursing prerequisite if completed.

Data Analytics Minor

[Brian Gill](#), PhD (Mathematics)

As society becomes increasingly dependent on data, new knowledge, skills, and professions are emerging to collect, organize, interpret, and use data. Data analytics (DA) uses data-driven techniques to transform raw data into useful information — information that may be used to identify and solve problems, evaluate claims and make inferences, and influence human decisions and machine models.

Data Analytics is used in nearly every professional domain, including business and government, health and social services, and science and education.

VIEW DEGREE REQUIREMENTS

- [Data Analytics Minor](#)
- **A minimum 30 credits are required for this minor**, including 25 upper-division credits.
- **A 10-credit Data Analytics Core is required**, as well as courses in statistics, regression modeling, and electives from at least two of four disciplines.
- **This interdisciplinary minor includes** courses from several schools and departments.

ENTERING AND COMPLETING THE MINOR

- **If this is your first quarter at SPU** and you wish to enter this minor, you may select the program by using the online In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Psychology

PROGRAMS OFFERED

- Psychology (majors, minor, tracks)

INTERDISCIPLINARY PROGRAM

- Data Analytics (minor)

Psychology, Family, and Community Faculty

The Bachelor of Arts and Bachelor of Science Psychology majors are rigorous yet flexible programs designed to meet the American Psychological Association Guidelines for the Undergraduate Psychology major while also fulfilling SPU's mission to provide students with a transformative and holistic experience grounded in Christian faith.

As such, these programs prepare you with extensive knowledge of the field; scientific and critical thinking skills; an awareness of diversity, ethics in practice, and social responsibility; effective oral and written communication skills; and professional-level training and experiences (e.g., research and internship opportunities) for both careers and graduate school in psychology.

VIEW DEGREE REQUIREMENTS

- [Psychology BA: Animal Behavior Track](#)

VIEW DEGREE REQUIREMENTS

- [Psychology BA: Clinical-Counseling Psychology Track](#)

VIEW DEGREE REQUIREMENTS

- [Psychology BA:Community Psychology & Behavioral Health Track](#)

VIEW DEGREE REQUIREMENTS

- [Psychology BA: Cross-Cultural Track](#)

VIEW DEGREE REQUIREMENTS

- [Psychology BA: Data Analytics Track](#)

VIEW DEGREE REQUIREMENTS

- [Psychology BA: Developmental Psychology Track](#)

VIEW DEGREE REQUIREMENTS

- [Psychology BA: Psychological Science Track](#)

VIEW DEGREE REQUIREMENTS

- [Psychology BA: Social-Personality Psychology Track](#)

VIEW DEGREE REQUIREMENTS

- [Psychology BA: Sports Psychology Track](#)

PSYCHOLOGY (BA)

The BA in Psychology is designed for students with a broad range of career and graduate school interests such as, but not limited to, clinical psychology, counseling psychology, marriage and family therapy, social work, school counseling, and industrial and organizational psychology.

Tracks for Psychology BA

Animal Behavior: Designed for students interested in training animals, working with owners and their pets, or seeking to become a certified applied animal behaviorist.

Clinical Counseling Psychology: For students interested in working within a therapeutic context, this track focuses information and experiences relevant to clinical psychology, counseling psychology, marriage and family therapy, as well as related graduate programs or jobs providing or researching the effectiveness of therapy or counseling.

Community Psychology and Behavioral Mental Health: Focuses on social justice, community development, and social services for students wanting to pursue further training or work in social work, nonprofit, community development, social justice, public health, community behavioral health.

Cross Cultural: This track is specifically designed for students who want to work with minority populations, and students interested in the application of psychology to our increasingly multicultural and globalized society.

Data Analytics: Through coursework in statistics, research methods, data management, data visualization, and basic programming, students gain an understanding not only of how to manage and analyze data but also how to use data to inform practice (e.g., consumer trends, mental health outcomes and planning). This track helps prepare students for positions such as analytics consultant, data analyst, statistician, and project manager or other business management positions.

Developmental Psychology: Coursework and experiences focus on change across the lifetime; best prepares students for graduate education and jobs in related areas such as early child life specialist.

Psychological Science: This track is designed for students with a broad range of career and graduate school interests such as, but not limited to clinical psychology, counseling psychology, marriage and family therapy, social work, school counseling, and industrial and organizational psychology. This track has the fewest credits required (minimum of 62 credits, 36 upper-division, and at least 20 credits while in residence at SPU). As such, it provides students with the most flexibility in taking additional courses in psychology or other disciplines, as well as maximizing research or internship experiences.

Social-personality Psychology: Emphasizes information and skills in social and personality psychology; prepares students for jobs or graduate programs in research, data analysis, program development, and review.

Sports Psychology: For students interested in working with athletes or teams, this track focuses on sports psychology; it is designed for students hoping to pursue a job or graduate work in a related area.

- **A minimum 62–77 credits are required for tracks in the BA Psychology major**, including 36 upper-division credits.
- **Each track requires students** to fulfill the core requirements for the BA while also completing specific or additional courses within a given track.
- **Of your major, at least 20 credits** must be earned at SPU.

PSYCHOLOGY (BS)

VIEW DEGREE REQUIREMENTS

- [Psychology BS: Animal Behavior Track](#)

VIEW DEGREE REQUIREMENTS

- [Psychology BS: Behavioral and Cognitive Neuroscience Track](#)

VIEW DEGREE REQUIREMENTS

- [Psychology BS: Psychological Science Track](#)

The BS in Psychology is designed for students that are passionate about integrating psychology and natural sciences with the goal of pursuing careers or graduate programs such as but not limited to clinical psychology, behavioral or cognitive neuroscience, and animal behavior.

The BS program also prepares students for further study or employment in fields such as behavioral neurobiology, health psychology, and behavioral medicine.

Tracks for the Psychology BS

Psychological Science: This track is designed for students with a broad range of career and graduate school interests but who are also passionate about integrating psychology and natural sciences. Students considering this track would be best prepared for careers or graduate programs such as, but not limited to: Clinical Psychology, Behavioral or Cognitive Neuroscience, and Animal Behavior. This track has the fewest credits required of our BS degrees (minimum of 88 credits, 50 upper division, and at least 20 credits while in residence at SPU). This lower credit requirement provides students with the most flexibility to take additional, strategic courses in Psychology or other disciplines as well as maximize research or internship experiences.

Animal Behavior: Through a biological and psychological perspective on behavior, this track is designed for students interested in jobs or graduate programs researching animal behavior.

Behavioral and Cognitive Neuroscience: Provides students with the knowledge and skills for graduate work or jobs in the research or application of neuroscience and neuropsychology.

- **A minimum 88–92 credits are required for tracks in the BS Psychology major**, including 36 upper-division credits.
- **Each track requires students** to fulfill the core requirements for the BS while also completing specific or additional courses within a given track.
- **Of your major, at least 20 credits** must be earned at SPU.

PSYCHOLOGY MINOR

VIEW DEGREE REQUIREMENTS

- [Psychology Minor](#)

The Psychology minor is designed to be flexible such that students can take elective courses that best fit their career or graduate school goals. As such, the Psychology minor is an excellent accompaniment to many majors.

- **A minimum 31 credits are required for this minor**, including 15 upper-division.
- **Of your minor, at least 15 credits** must be earned at SPU, including 10 upper-division.

DATA ANALYTICS MINOR

Data analytics (DA) uses data-driven techniques to transform raw data into useful information — information that may be used to identify and solve problems, evaluate claims and make inferences, and influence human decisions and machine models. [Learn more](#) about this interdisciplinary minor.

ENTERING AND COMPLETING THE MAJOR OR MINOR

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Global Engagement Minor

The Global Engagement Minor (GEM) draws from many disciplines across the University to give you the awareness, knowledge and, in some cases, the skills necessary to understand our complex and rapidly changing world.

This minor focuses on the practical and theoretical issues arising from cross-cultural encounters both by examining conventional cultural products and practices and also by investigating their broader political and social contexts. It recognizes that there is hardly any aspect of contemporary human existence that is not in some way affected by the increasing global interdependency of humanity.

The Global Engagement minor is designed to integrate an international perspective into your education, fostering a deeper awareness that we are all citizens of a global community.

VIEW DEGREE REQUIREMENTS

- [Global Engagement Minor](#)
- **A minimum 30 credits are required for this minor**, including 15 upper-division.
- **This minor offers the opportunity** for all majors to highlight their global awareness.
- **Choose from dozens of courses in four categories**, which represent the majority of academic disciplines.
- **The GEM includes an international experience**, either through study abroad or local global learning.

ENTERING AND COMPLETING THE MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

General Studies (BA)

PROGRAM OFFERED

- [General Studies](#) (major)

You can major in General Studies if you are a current student in good academic standing with a minimum cumulative 2.0 GPA.

- **A minimum 70 credits selected from three disciplines** related to your degree objectives are required for this major, including 35 upper-division credits.
- **You must work with faculty in the three academic disciplines** to complete the [Major Application form](#) (PDF).
- **You are required to write a statement of rationale and a major contract** and submit them to Student Academic Services for review by academic departments.
- **At least 20 credits, but not more than 35 credits**, will be applied in each discipline.
- **No grade below a "C-"** will apply to the major.

For more information, contact undergraduate academic counseling in Student Academic Services at 206-281-2031.

Information Studies Minor

[Michael Paulus](#), MDiv, MLIS, Director

Information Studies examines the dynamic relationships between information, technology, and people. This minor examines the creation and use of information and digital technologies and prepares students to thrive academically, professionally, and spiritually in our information-rich and digitally networked world.

VIEW DEGREE REQUIREMENTS

- [Information Studies Minor: Theology Emphasis](#)
- [Information Studies Minor: Visual Communication Emphasis](#)
- [Information Studies Minor: Communication Emphasis](#)
- [Information Studies Minor: General Emphasis](#)
- [Information Studies Minor: Art Hist & Visual Studies Emphasis](#)
- [Information Studies Minor: Philosophy Emphasis](#)
- [Information Studies Minor: Political Science Emphasis](#)
- [Information Studies Minor: History Emphasis](#)
- [Information Studies Minor: Computer Science Emphasis](#)
- [Information Studies Minor: Art Emphasis](#)

ENTERING AND COMPLETING THE MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** apply to the Information Studies minor in Banner by [following these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Leadership Studies Minor

[Jeffrey Jordan](#), EdD, Director

The Leadership Studies minor offers students an opportunity to explore a holistic view of leadership within various disciplines.

VIEW DEGREE REQUIREMENTS

- [Leadership Studies Minor](#)
- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **You will take 15–20 credits from three areas:** Community and Personal Development; Vocation, Purpose, and Faith Formation; and Cultural and Global Diversity, selected from approved courses across the curriculum.
- **Participation in a leadership position** will be expected while enrolled in the Practicum course. On- and off-campus leadership positions will be considered for completion of this requirement.

ENTERING AND COMPLETING THE MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU**, apply for entry to the Leadership Studies minor by [following these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Honors Liberal Arts

[Christine Chaney](#), PhD, Director

[Honors Core Faculty](#)

VIEW DEGREE REQUIREMENTS

- [Honors Liberal Arts \(BA\)](#)

VIEW DEGREE REQUIREMENTS

- [Honors Liberal Arts Minor](#)

The [SPU Honors Program](#) is an accelerated alternative to the regular General Education curriculum for intellectually curious and academically motivated students at Seattle Pacific University. It requires fewer overall credits, but in a challenging, inquiry-based, and inclusive program that asks University honors students to go deeper into the key questions at the heart of our lives, our faith, and our world. **Successful completion of all requirements leads to a Bachelor of Arts degree in Honors Liberal Arts as a second or co-major only.**

SPU Honors is also a close-knit community of students and faculty members committed to academic excellence in a spirit of dialogue, collaboration, and intellectual hospitality. We are guided by the key liberal arts question “What does it mean to be human?” and the foundational curricular values of interdisciplinarity, critical inquiry, equity, inclusion, and service.

HONORS LIBERAL ARTS (BA)

- **A minimum of 50 credits is required for this major**, including 25 upper-division credits.
- **All students must also complete** the [UFDN](#) (University Foundations) sequence of courses.
- **Students must complete** all [foreign language](#), [W](#) (Writing), and [CUE](#) (Cultural Understanding and Engagement) competencies as required by the university for graduation.
- **In both the major and minor**, students complete a shared core of courses that interrogate how knowledge is constructed and by whom, gaining skill in the intellectual tools and foundational practices of a scholar.
- **For the major**, you must also take at least 10 credits of approved Honors electives and publicly present an approved honors research project at the annual Honors Research Symposium.
- **At least one credit of HON 4899: Capstone (1–5)** must be taken during spring of the senior year along with required participation in the Honors Research Symposium.
- **It is recommended** that all new honors students, whether incoming freshmen or current SPU students, take the first three core HON courses (2000, 2100, 2200) in sequence during their first honors year.
- **Approved study abroad or study away coursework** may be used to satisfy Honors Liberal Arts requirements with approval of the Honors Director.
- **Honors courses may be counted** toward disciplinary majors at the discretion of departments and programs.
- **Non-honors students** may petition to enroll in individual honors courses with the approval of the Honors Director and relevant faculty member(s).

Additional competencies and requirements

- **To remain in the program**, every honors student must participate in their choice of a wide range of approved service and leadership opportunities and complete an annual service/leadership self-reflection report.

- **Attendance is required three times** a year for all students at the quarterly all-honors Touchstone Banquet.

ENTERING AND COMPLETING THE MAJOR

Formal application and admission to the SPU Honors Program is required prior to enrollment in the Honors Liberal Arts major or minor.

You may apply for admission to Honors at anytime, using the [online Honors application materials](#) for incoming first-year or transfer students, as well as currently enrolled SPU students.

To meet the minimum requirements for admission, you must:

- **Have demonstrated intellectual ambition** and a track record of academic success (which will vary depending on the applicants' academic standing and history).

To successfully complete the major, note that:

- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses, as in honors. You may repeat an SPU course only once for a higher grade.
- **To advance in the Honors Program**, you should meet with the honors director and/or your Honors faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the Honors Liberal Arts major, the advisor can work with you to explore options, which may include choosing the Honors Liberal Arts minor and regular General Education track instead.
- **You must complete the major requirements** in effect in the SPU Undergraduate Catalog for the year of admittance to the major.

HONORS LIBERAL ARTS MINOR

- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **Students in the Honors Liberal Arts minor** must take HON 2000, 2100, 2200, 3000, and 10 credits of approved Honors electives.

ENTERING AND COMPLETING THE MINOR

- **Acceptance is based upon** the same standard of admission as the major.
- **Students in the minor** must complete all other regular [General Education requirements](#).
- **Students are required to formally apply for the minor** and may do so at any time.
- **Students must complete the minor requirements** in effect in the SPU Undergraduate Catalog for the year of admittance to the minor.

Pre-Law

[Caleb Henry](#), PhD, Advisor

Pre-law is not a major and has no required courses. However, all students considering law school are strongly encouraged to take the following three-course sequence (each offered on alternate years):

- **POL 3780** Law and Society
- **POL 4450** American Constitutional Law: Federalism and Separation of Powers
- **POL 4451** American Constitutional Law: Civil Liberties and Civil Rights

You should also request from the pre-law advisors a copy of the handout, "Pre-Law at SPU," which lists all law-related courses offered by SPU, as well as important information about the [Law School Admission Test](#) (LSAT), legal internships, and student membership in the [Christian Legal Society](#).

- **If you are interested in a legal career**, contact the pre-law advisor in the [School of Business, Government and Economics](#) as early as possible during your study at SPU.
- **The pre-law advisor** will assist you in choosing a major and a course of study appropriate to law school.
- **The pre-law advisor** will also advise you about preparing for the LSAT.

OTHER RECOMMENDED COURSES

You are also encouraged to take other law-related courses at SPU as your schedule permits. These include:

- BUS 2414 Legal Environment of Business (5)
- CRIM 3170 Juvenile Delinquency (5)
- CRIM 3212 Criminal Law and Procedures (5)
- JRN 3301 Media Law (5)
- SOC 4250 Law, Injustice, and Social Change (5)

Some of the courses that strengthen your skills of writing, speaking, and analysis, which are crucial to success in law school and the legal profession, include:

- COM 1321 Public Speaking (5)
- COM 2323 Argumentation: The Art of Inference (5)
- COM 3628 Foundations of Western Rhetoric (5)
- COM 4601 Communication Seminar: Advanced Public Speaking (5)
- PHI 1001 Logic and Critical Thinking (5)
- PHI 2001 Advanced Logic (3)
- WRI 1000 Academic Inquiry and Writing Seminar (5)
- ENG 3301 Advanced Expository Writing (5)
- JRN 2101 Media Writing (5)
- JRN 2202 Reporting and Storytelling (5)

Pre-Professional Health Sciences

[Max Hunter](#), PhD, PPHS Director

[PPHS Faculty Advisors](#)

The Pre-Professional Health Sciences (PPHS) program at Seattle Pacific University offers a specialized [advising curriculum](#) and individualized faculty advising that prepares students for acceptance into graduate-level professional health programs in the following programs:

- Medicine
- Osteopathic medicine
- Dentistry
- Veterinary medicine
- Physicians assistant
- Optometry
- Pharmacy
- Physical therapy
- Occupational therapy

A career in the health sciences requires an extensive background in the sciences and a strong foundation in the liberal arts.

Our PPHS advising team will help you prepare a competitive application plan that includes strong academic preparation, clinical experiences and community engagement. Please visit the [PPHS website](#) for detailed information on this program.

Ecotheology Minor

[Michael Langford](#), PhD (Theology)

[JJ Johnson Leese](#), PhD (Theology)

[Eric Long](#), PhD (Biology)

A minor in Ecotheology allows you to explore a scientifically and theologically informed understanding of creation care. As an interdisciplinary degree, the Ecotheology minor draws from a variety of subject areas to establish a multifaceted context. Because the minor is concerned with both theory and practice, fieldwork is a core component of the curriculum.

VIEW DEGREE REQUIREMENTS

- [Ecotheology Minor](#)
- **A minimum 30 credits are required for this minor**, including 15 upper-division.
- **The Core course Creation Care** is required. Other courses are chosen from Introductory Ecology, Science and Ecotheology electives, Justice and Ecotheology: Theology electives; and a Field Biology requirement.
- **This minor includes courses** from several schools and departments.
- **Course sequence within the minor** may be dictated by your major. For students not majoring in Biology, electives are available that require no prerequisites.

ENTERING AND COMPLETING THE MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **Apply for entrance to the Ecotheology minor** in Banner by [following these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Interactive Computing and Art Minor

The Interactive Computing and Art minor gives you an introduction into each discipline, gaining core concepts, vocabulary and foundations skills. When you have completed this minor, you will have a foundational understanding of computing, art and interactive theories.

This minor will position students well in the interactive electronic marketplace, such as gaming or interactive media.

VIEW DEGREE REQUIREMENTS

- [Interactive Computing & Art Minor](#)
- **A minimum 31 credits are required for this minor**, including 21 upper-division credits.
- **Core requirements include** Illustration Studio: Digital; Problem Solving and Programming; and Applications Programming.
- **An elective can be chosen** from Systems Design, Netcentric Computing, or Advanced Issues in Computer Science.

ENTERING AND COMPLETING THE MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU**, apply for entrance to the Interactive Computing and Art minor in Banner by [following these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Professional Studies

The Professional Studies program is designed for students transferring to Seattle Pacific University with the Associate of Applied Sciences-Transfer degree from a public Washington state community or technical college. However, students completing a different technical or professional degree from a public Washington state two-year school are eligible to apply for the program once they have completed at least 20 credits of liberal arts coursework with a 2.5 minimum GPA in those courses.

PROFESSIONAL STUDIES (BA)

When you are admitted into SPU as a participant in the Professional Studies Program, you are also admitted to the Professional Studies major. Essentially, your program at the community or technical college is your major area of study, and this program allows you to receive a bachelor's degree by completing liberal arts requirements and a minor. No more than 90 credits from your community or technical college are transferred into this program.

If you are admitted to the Professional Studies major, in order to earn a degree you must:

- **Complete at least 10 credits** in University Foundations (UFDN) coursework (15 credits if you are enter SPU with fewer than 90 credits).
- **Complete 5–8 credits** in “W” coursework.
- **Complete all General Education** requirements in the [Curriculum for Special Programs](#) that were not fulfilled by transfer work.
- **Be accepted into and complete an academic minor.**
- **Earn enough college-level credits at SPU to reach 180 credits total**, including a minimum 60 upper-division (UD) credits.

If you decide to pursue a major other than the professional studies major, you will leave the Professional Studies Program, and your transfer credits will be re-evaluated on a course-by-course basis. This will likely result in a loss of transfer credit, since many professional and technical courses accepted for the Professional Studies Program would not normally transfer.

GENERAL EDUCATION REQUIREMENTS

As a participant in the Professional Studies Program, you complete an alternative general education curriculum, called the [Curriculum for Special Programs](#).

APPLY TO THE MINOR

You will be admitted to Seattle Pacific University and the Professional Studies major simultaneously. However, you must be formally admitted to a minor and complete all minor requirements. Minor requirements are listed within each specific discipline in this Undergraduate Catalog. You should apply for entrance to your minor during your first quarter at SPU.

- **Once you have identified the minor you want to pursue**, apply in Banner by [following these instructions](#).
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.

for a higher grade.

- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Integrated Studies

PROGRAMS OFFERED

- Integrated Studies: Health & Fitness Concentration (major)
- Integrated Studies: Language Arts Concentration (major)
- Integrated Studies: Mathematics Concentration (major)
- Integrated Studies: Natural Sciences Concentration (major)
- Integrated Studies: Social Sciences Concentration (major)
- Integrated Studies: The Arts Concentration (major)

If you intend to complete [Residency Teacher Certification](#) with an endorsement in Elementary Education, you are required to major in Integrated Studies. Coursework for the major along with the Residency Teacher Certification program may be completed in four years.

It also is possible to complete a major in Integrated Studies without the residency teacher certification coursework. Such students will not be required to complete the Foundations Quarter, Methods Quarter, Integrated Quarter, and Internship quarter required for certification. Instead they must complete one or more concentration-specific capstone courses rather than the Education Capstone course.

Find out more about this program's [mission, vision, and outcomes](#).

INTEGRATED STUDIES (BA)

VIEW DEGREE REQUIREMENTS

- [Integrated Studies: Health & Fitness Concentration \(BA\)](#)
- [Integrated Studies: Language Arts Concentration \(BA\)](#)
- [Integrated Studies: Mathematics Concentration \(BA\)](#)
- [Integrated Studies: Natural Sciences Concentration \(BA\)](#)
- [Integrated Studies: Social Sciences Concentration \(BA\)](#)
- [Integrated Studies: The Arts Concentration \(BA\)](#)

The Integrated Studies major is a comprehensive interdisciplinary program designed for students who want to pursue a career as an elementary school teacher.

- **A minimum 86-91 credits are required for this major**, including 36-41 upper-division credits.
- **This is the required major for you if you intend to complete the Residency Teacher Certification** with an endorsement in Elementary Education as an SPU undergraduate.
- **If you do plan to complete Residency Teacher Certification**, plan to maintain a cumulative GPA of 2.8 so you can apply for admittance to the School of Education.
- **Coursework for the major** along with the [Residency Teacher Certification](#) program may be completed in four years.
- **This major allows you to develop depth of knowledge** in the content areas in which you will teach: language arts, mathematics, natural sciences, social sciences, the arts, and health/fitness.

CORE COURSES

The Core Courses were selected to enable you to develop both breadth of content knowledge across the subject areas you will teach (e.g., language arts, mathematics, natural sciences, social sciences, the arts, and health/fitness), and some depth of content knowledge in those areas. These courses simultaneously fulfill your [Ways of Knowing requirements](#).

A number of these courses were specifically designed for future elementary teachers, including inquiry-based mathematics; inquiry-based science; children's literature; the arts, music, theatre; and health/fitness education of children.

The courses are aligned with the six content areas of Washington state's Endorsement Competencies for Elementary Education K–8 and will prepare you to take the state-mandated WEST-B® and WEST-E™ content skills tests. Further [information about the tests](#) can be found on the School of Education website.

CONCENTRATION IN A DISCIPLINE

You will select a discipline as an area of concentration early in your program. You take 24–35 additional credits of coursework in this discipline with the goal of acquiring greater depth of knowledge in one of the Core content areas.

When you are admitted into the major, you should work with your advisor for your selected concentration.

The six concentration areas, and their faculty contacts, include:

- **The Arts Concentration**, [Andrew Ryder](#), PhD, advisor
- **Health and Fitness Concentration**, [Jarrett Mentink](#), PhD, advisor
- **Language Arts Concentration**, [April Middeljans](#), PhD, advisor (If you choose this concentration, you must fulfill the requirement for proficiency in a second language.)
- **Mathematics Concentration**, [Jerilynn Lepak](#), PhD, advisor
- **Natural Sciences Concentration**, [Kara Gray](#), PhD, advisor
- **Social Sciences Concentration**, [Alberto Ferreiro](#), PhD, advisor

Advising

It is extremely important for you to work closely with an advisor as you make decisions regarding your course selections for the Core courses, the Concentration, and the Residency Teacher Certification, and the University's [graduation requirements](#).

As an incoming freshman, you are assigned a University Colloquium advisor and an Integrated Studies faculty advisor. You will work with your Integrated Studies faculty advisor to select appropriate courses.

If you plan to participate in a [study abroad program](#), you will need to work closely with your faculty advisor to determine the most appropriate quarter for such travel. This planning should be done during your freshman year, if possible.

Transfer students

Work closely with your Integrated Studies faculty advisor to determine whether or not you have completed transfer courses that may substitute in the Core courses and in the Concentration.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Special Programs and Courses



- [Blakely Island Field Station](#)
- [Honors/University Scholars](#)
- [Independent Study](#)
- [Internship Program](#)
- [ROTC Programs](#)
- [Senior Citizen Program](#)
- [Study Abroad](#)
- [Visit/Transfer Programs](#)

Christian Theology

PROGRAMS OFFERED

- Christian Theology (major and minors)

[David Nienhuis, PhD, Contact](#)

[Theology Faculty](#)

A degree in Christian Theology from Seattle Pacific University prepares you to live your life with depth and conviction in whatever field you choose. That might mean serving in an overseas relief agency or with a nonprofit organization. It might mean working in the business sector, health care, education, or other professional area. Or it might mean going on to pursue graduate study in theology in order to serve God in the church or the academy.

Regardless of your path, the faculty of the School of Theology knows that *what* you believe is only one aspect of Christian faith. It also matters *how* you live out that faith. With our distinctive understanding of theological education ([Academy, Abbey, and Apostolate](#)), a degree in Christian Theology from SPU will help you learn to understand your faith so that, in partnership with the Holy Spirit, you might translate it into a way of life that engages the culture and changes the world.

Find out more about [this program's mission, vision, and learning outcomes](#).

CHRISTIAN THEOLOGY (BA)

VIEW DEGREE REQUIREMENTS

- [Christian Theology \(BA\)](#)

This degree offers a transformative encounter with Scripture and the Christian tradition, preparing students to deepen their own Christian faith, nurture Christian faith in others, and serve as agents of reconciliation in diverse settings.

- **A minimum 60 credits are required for this major**, including 30 upper-division credits.
- **Our distinctive understanding of theological education** (Academy, Abbey, and Apostolate) brings together rigorous scholarship, spiritual formation, and faithful service.
- **This major includes** a set of core courses reflecting the range of theological studies, as well as substantial focus coursework that enables students to go deeper in areas of particular interest.
- **Students in this major will also complete a three-credit internship or thesis** and a two-credit Capstone course.

THEOLOGY MINORS

The School of Theology also offers [eight minors](#).

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Christian Theology major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Social Justice and Cultural Studies

PROGRAM OFFERED

- Social Justice and Cultural Studies (major and tracks)

Social Justice and Cultural Studies Faculty

Program Director: [Kimberly Segall](#), PhD

In this major, you will study culture, representation, and power in order to analyze social formations — such as gender, race, class, sexuality — and explore forms of protest, resistance, and social change. The approach to this field will be informed by Christian theologies of social justice.

This major provides a gateway to a variety of vocations such as education, human rights law, refugee work, public policy, mediation in non-governmental organizations, and environmental advocacy, as well as the creative arts (e.g., documentary film-making, graphic design, creative writing, etc.). Students focus their study by selecting one of the following tracks in the major: Advanced Cultural Studies; Art for Social Change; Meditation, Peace, and Conflict Resolution; Pre-Law Human Rights and Policy; or Environmental Justice.

- **A minimum 65 credits** are required for this major, including 25 upper-division credits.
- **Students are encouraged** to pursue advocacy, internship, or study abroad opportunities.

Find out more about this program's [mission, vision, and learning outcomes](#).

SOCIAL JUSTICE AND CULTURAL STUDIES (BA)

VIEW DEGREE REQUIREMENTS

- [Social Justice & Cultural Studies: Advanced Cultural Studies](#)
- [Social Justice & Cultural Studies: Art for Social Change](#)
- [Social Justice & Cultural Studies: Environmental Justice](#)
- [Social Justice & Cultural Studies: Mediation, Peace&Conflict](#)
- [Social Justice&Cultural Studies: Pre-Law Human Rights&Policy](#)

This major includes these five separate tracks, allowing you to pursue your specific academic and vocational interest:

Track A: Pre-law human rights and policy

For those seeking social change in areas of: immigration law, mass incarceration, refugee work, sexuality issues, gender policies, health, education, housing policies, social activism for civil rights and human rights.

- For students interested in policy change or law school.
- A social-science statistics course is recommended for those invested in policy change and documentation.

Track B: Art for social change

For students invested in changing the world through artistic forms, including graphic design, creative writing, playwriting, photography, and documentary film.

- If you want to combine writing with graphic design or film production with documentary research, this track connects art and justice activism.
- The Social Venture Planning course is recommended for those wanting to start entrepreneurship enterprises.

Track C: Mediation, peace, and conflict resolution

For students interested in social services, political/non-governmental organizations (NGOs), human resources, and social work.

- Interested in changing the world? This track in Peace and Conflict resolution prepares you to work in a variety of corporate or social settings, preparing you to navigate socio-political schisms and mediate micro-aggressions.
- If you want to lead small groups, this track sets a foundation for social work.
- For future MA in Social Work, a social science statistics course is recommended.

Track D: Advanced cultural studies

For students committed to specializing in cultural studies, this track is ideal for future educators, graduate students, and double majors.

- If you are considering a future PhD, it is helpful to take the Literary Theory class.
- If your future graduate field is cultural studies, consider a double major with [film studies](#) or [Asian studies](#).
- If teaching is your vision with an [MA in Education](#), this is your track.

Track E: Environmental justice

For students interested in environmental law and forms of public policy, this track offers skills in environmental data, statistics, research, and graph analysis in order to help you assess the impact of policy on groups of people, regarding climate change, land management, locational risks, and water shortages.

- Concerned about the state of the world around you? This track is for future environmental lawyers, non-profits, and as a starting point for ecological research.
- Electives in environmental science or policy are recommended for this track.
- You are encouraged to complete an internship in environmental studies as part of your vocational exploration.

ENTERING AND COMPLETING THE SOCIAL JUSTICE AND CULTURAL STUDIES MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Social Justice and Cultural Studies major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a

new major or minor until they regain good academic standing.

- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

STUDY ABROAD OPPORTUNITIES

South Africa: Literature and Theatre

This SPU global seminar is a study abroad program to study literature, theater, commissions, and cultures in South Africa. Taken during the month of December (after Autumn Quarter), this biennial program includes service learning.

Spain and Morocco: Writing and Resistance

This SPU global seminar is a study abroad program to study literature and trans-national culture. Students enrolled in this every other year program, leave in late August (prior to Autumn Quarter), travelling from Seville in Moorish Spain to Meknes in Morocco.

For details about these and other study abroad opportunities, visit SPU's [Study Abroad](#) pages.

Politics, Philosophy, and Economics

PROGRAMS OFFERED

- Politics, Philosophy, and Economics (major and tracks)

[School of Business, Government, and Economics Faculty](#)

[Philosophy Faculty](#)

As a student majoring in Politics, Philosophy, and Economics studying in our location on the Pacific Rim, you will be well positioned for employment in business, industry, government, agencies, and non-governmental organizations. You will also be positioned for further study in academic or professional graduate programs in the U.S. or around the world.

Find out more about this program's [mission, vision, and learning outcomes](#).

POLITICS, PHILOSOPHY, AND ECONOMICS (BA)

VIEW DEGREE REQUIREMENTS

- [Politics, Philosophy & Economics: Applied Economics \(BA\)](#)
- [Politics, Philosophy & Economics: Financial Economics \(BA\)](#)
- [Politics, Philosophy & Economics: International Affairs \(BA\)](#)
- [Politics, Philosophy & Economics: Law \(BA\)](#)
- [Politics, Philosophy & Economics: Philosophy \(BA\)](#)
- [Politics, Philosophy & Economics: Public Administration \(BA\)](#)
- [Politics, Philosophy & Economics: Social Enterprise \(BA\)](#)

The Politics, Philosophy, and Economics (PPE) major is an interdisciplinary program that combines studies in political science, philosophy, and economics, and **requires a minimum 91–92 credits, including 43 upper-division** credits. When you seek a bachelor's degree in PPE, you will take a core of classes from each of these three disciplines. You will also choose from one of the following tracks:

- **Financial Economics track:** Prepares students for careers in the world of finance and investments.
- **International Affairs track:** Best for students interested in international politics.
- **Philosophy Track:** Designed for students interested in more closely studying “great ideas” and the presuppositions behind many arguments.
- **Law Track:** For students interested in attending law school or working in a policy-making career.
- **Public Administration track:** Designed for those interested in pursuing careers in public or voluntary sector administration.
- **Social Enterprise track:** Designed for students interested in focusing on how business can directly address social problems such as poverty and/or environmental sustainability.
- **Applied Economics track:** Designed for students interested in studying the allocation of resources and its effects on human welfare.

Additional competencies and requirements

Spreadsheet competency requirement

Demonstration of spreadsheet competency is required of all students graduating with degrees in the School of Business, Government, and Economics. You can document this by passing BUS 1700 or by scoring at least 60 percent on the basic Microsoft Office Specialist exam for Microsoft Excel 2013, 2016, or later. For questions regarding the Spreadsheets Competency Requirement, contact Dr. Richard Sleight at sl8@spu.edu.

New majors dessert attendance

Newly admitted students of majors in Business; Accounting; Economics; Global Development; and Politics, Philosophy, and Economics are required to attend an orientation event typically held in February each year. Admission to the major is conditional upon attendance.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Urban Studies Minor

The Urban Studies minor is an interdisciplinary program that examines how planning, politics, demography, and social inequality impact modern urban environments.

The historical and contemporary forces that impact cities are explored to gain an understanding of the dynamic nature of urban centers. A minor in Urban Studies equips students in developing new strategies for producing better urban communities.

VIEW DEGREE REQUIREMENTS

- [Urban Studies Minor](#)
- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **Foundation requirements** include Urban Sociology and Mapping Crime: Geographic Info.
- **Electives include courses** from departments such as Sociology, Theology, Political Science, and Family and Consumer Sciences.

ENTERING AND COMPLETING THE MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU**, apply in Banner to gain entry to the minor by [following these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Criminal Justice

PROGRAM OFFERED

- Criminal Justice (major)

Sociology Faculty

The interdisciplinary curriculum for this major examines criminology, crime data analysis and mapping, and the contexts in which crime is rooted, or conversely, communities flourish.

With a degree in Criminal Justice, you'll graduate with an understanding of criminal behavior and the procedures and institutions within the criminal justice system. You'll see the links among the criminal justice system and criminal behavior and larger social forces. You will understand alternative approaches to address crime and related social problems and how to apply Christian values and ethical principles to criminal justice practices.

CRIMINAL JUSTICE (BA)

VIEW DEGREE REQUIREMENTS

- [Criminal Justice \(BA\)](#)

This major provides the academic foundation for a career in law enforcement, social work, mental health services, or corrections, as well as graduate work in criminology, sociology, social work, or law.

- **A minimum 66 credits** are required for this major, including at least 30 upper-division credits.
- **A maximum 10 credits** of URB 4940 "Internship in Criminal Justice" can apply to this major.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options which may include choosing a different major or minor.

you to explore options, which may include choosing a different major or minor.

- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Independent Study

Independent study courses are courses in which a student does specific work independently with an instructor, as outlined in the official [Independent Study Agreement](#) (PDF). Independent studies are primarily intended as an opportunity for you to study a topic not covered in an actual course in the University Catalog. Only matriculated students at Seattle Pacific University may register for independent study.

The Independent Study form must be completed by you and signed by the instructor and the dean or department chair. You and the instructor must meet on a regular basis for the number of consultations noted in the agreement. Work for an independent study occurs outside of the classroom setting.

An independent study should be created only when a needed class is not available for a particular quarter, or when a student cannot accommodate a class in his or her schedule. Students should not attend a class being offered and use that as part of the independent-study credits.

REGISTERING FOR AN INDEPENDENT STUDY

Registration for an independent study must be submitted to [Student Academic Services](#) no later than the 10th day of the quarter (see the [University Academic Calendar](#) for specific dates). Student Academic Services will create the course as noted on the agreement. Copies of the agreement will be forwarded to you and the instructor.

Women's Studies Minor

[Jennifer McKinney](#), PhD, Director

[VIEW DEGREE REQUIREMENTS](#)

- [Women's Studies Minor](#)

As an institution that centers its mission in the historical Christian faith, Seattle Pacific University affirms that women are created in God's image, redeemed by Christ, and called to lives of scholarship, service, and leadership.

- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **WST 2350 Introduction to Women's Studies, WST 4940 Internship** and WST 4960 Independent Project are this minor's Core courses.
- **You will choose 20–24 credits of electives.**
- **Because of its adaptability, this minor can easily complement majors** in areas such as [Sociology](#), [Psychology](#), [Theology](#), [History](#), [Communication](#), [English](#), [Languages, Cultures & Linguistics](#), [Political Science](#), [Family and Consumer Sciences](#), and [Business](#).
- **This minor welcomes both** male and female students to pursue it.
- **You will develop an understanding of the social construction of gender** in historical, contemporary, Western, and global contexts.
- **This minor teaches you skills of critical analysis**, problem solving, and value reasoning.

ENTERING AND COMPLETING THE MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU**, apply in Banner to gain entry to the minor by [following these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Study Abroad

The best way to understand another culture is to experience it, to connect with it for a prolonged period. This also encourages a deeper understanding of our own cultures as we interact with and learn from others.

At Seattle Pacific University, we strive to develop cross-cultural connections — and the new perspectives that come with them — by encouraging students to study and live abroad. We want our graduates to appreciate and understand the differences and inter-dependencies that characterize our world.

It's never too early to start planning for your study abroad experience. Start by asking yourself some questions: What areas of study do you want to pursue? When do you plan to study abroad? How long do you want to be away? How are you funding your study abroad experience?

We recognize that there isn't a one-size-fits-all approach to international education, so we offer three basic types of programs:

SPU faculty-led programs

Join SPU faculty as they teach SPU courses around the globe. Choose a short-term Global Seminar (two to four weeks) or spend an entire quarter abroad with SPU faculty and students.

SPU partner programs

Spend fall or spring semester abroad. Enroll in coursework hosted at select partners — foreign universities and programs — and earn transfer credit (or SPU credit on Best Semester Programs). Credits will be transferred from foreign universities or accredited U.S. institutions. Students pay SPU tuition and fees and are eligible to use SPU scholarships and grants, state, and federal financial aid (except work study) during the semester abroad.

Independent programs

A wide selection of summer, quarter, semester or year-long programs are offered by accredited universities or study abroad organizations. Credits will be transferred from foreign universities or accredited U.S. institutions. Students pay tuition and fees directly to their chosen program and may be eligible to use state and federal financial aid (except work study), but do not receive SPU scholarships or grants during the period abroad.

How to apply

Your first step is to explore these options to determine the best fit for you. Then meet with an advisor in the study abroad office to ask questions and review the application process. To be eligible, all participants must have the application and coursework approved prior to their studies abroad.

To determine costs and financial aid eligibility, check with [Student Financial Services](#) for complete details.

Visit/Transfer Programs

You can register for the following programs through SPU agreements. If you're interested in one of these programs, you will meet with the designated contact at SPU, but will register for classes through the institution you visit.

CONSORTIUM VISITOR PROGRAM

You may elect to attend one of the other 12 Christian College Consortium schools on a visitor basis for one or two quarters on the Student Visitor Program. In addition to SPU, Consortium schools include:

- Asbury College
- Bethel College (St. Paul)
- George Fox University
- Gordon College
- Greenville College
- Malone College
- Messiah College
- Taylor University
- Trinity International University
- Westmont College
- Wheaton College
- Houghton College

You are eligible for this program if you have completed one year in residence at SPU and are in good academic standing. The deadline for Autumn Quarter is March 1; the deadline for either Winter Quarter or Spring Quarter is October 1. You will file your application through [Student Academic Services](#).

Contact Student Academic Services or the [Christian College Consortium](#) for more information.

FASHION INSTITUTE OF TECHNOLOGY PROGRAM

If you have been admitted to a major in the apparel design and apparel merchandising program and have maintained a satisfactory grade-point average, you may select from eight additional specializations if you are accepted into the liaison program with the [Fashion Institute of Technology](#) (FIT) in New York City.

- **If you choose the FIT option**, you must be accepted into the major and work closely with your faculty advisor in selecting courses that best prepare you for your chosen major.
- **Specializations offered** through the FIT liaison program include accessories design; advertising and communication; advertising design; apparel production management; fashion buying and merchandising; fashion design; textile design; and textile technology.

Internship Program

Internships seek to integrate academic studies with practical work experience. Designed to be an integral part of your academic program, the Internship Program allows you to earn credits for learning gained in a work setting. Internships may be paid or unpaid.

All internships follow the registration deadlines set forth in the [Academic Calendar](#) for extended deadline academic courses. Students must receive approval for internship credits before beginning the internship, and must be working at the internship site during the quarter for which credit is granted. You cannot apply to enroll in an internship after the internship has been completed.

Careful supervision of your progress toward learning objectives is a key component of an internship, and a successful experience is built on a partnership between you, your faculty sponsor, and employer.

- **Minimum requirements for participating in the Internship Program** include matriculation at the University, and completion of at least one quarter of coursework.
- **You can participate in an internship for career exploration**, as well as to gain essential professional experience.
- **Internship experience facilitates your growth in skills** such as communication, problem solving, and analysis.
- **Internships also give you growth in skills specific** to professional disciplines.

It is the quality of the placement and supervision and the emphasis on your development of critical thinking and other skills that distinguish internships from other part-time or volunteer work programs.

Each school sets specific prerequisites for participation in internships. Generally 30 hours of internship work equate to 1 academic credit. Internship opportunities may be at accounting firms, advertising agencies, banks, high-tech companies, medical research labs, performing arts organizations, retail stores, schools, human-service agencies, and other types of organizations.

The [Center for Career and Calling](#) coordinates the process of finding and securing internships. To find out more, visit the Center for Career and Calling in the Student Union Building, Second Floor, [visit their website](#), or call 206-281-2485.

Academic Policies and Procedures



- [Academic Advising](#)
- [Academic Appeals](#)
- [Academic Honors](#)
- [Academic Integrity](#)
- [Academic Probation](#)
- [Academic Schedule and Load](#)
- [Changes in Personal Information](#)
- [Course Numbering System](#)
- [Credit by Examination](#)
- [Eligibility](#)
- [Enrollment at Other Institutions](#)
- [Grading](#)
- [Graduation](#)
- [Leave of Absence](#)
- [Limitation on Credit](#)
- [Non-Discrimination Policy](#)
- [Registration](#)
 - [Adding and Dropping Classes](#)
 - [Auditors](#)
 - [Changes in Registration](#)
 - [Extended Registration Deadlines](#)
 - [Independent Study](#)
 - [Intersession Programs](#)

- [Internship Program](#)
- [Non-Matriculated Students](#)
- [Registration Petitions](#)
- [Registration Restrictions](#)
- [Student Holds](#)
- [Summer Registration Deadlines](#)
- [Veterans](#)
- [Waitlisting Closed Classes](#)
- [Web Registration](#)
- [Student Class Status](#)
- [Student Records and Confidentiality](#)
- [Transcripts](#)
- [Transportation Policy](#)
- [Veteran's Benefits](#)
- [Withdrawals](#)

Appealing Academic Complaint Decisions

The Student Handbook details acceptable grounds and processes for student academic complaints. Expectations and criteria must be faithful to the catalog descriptions of the course and clearly stated in the course syllabus, outline, or individual study agreement, and the faculty member is responsible to correct clerical errors as they occur. The student's first place of complaint is the to faculty member. Student appeals of faculty decisions must be in writing; the intent is always to resolve the appeal at the most immediate level; and academic appeals are allowed only on grounds of unfair treatment against the stated standards, not against the professional judgment of the faculty member.

LEVELS OF APPEAL

For appeals on academic decisions such as grades on course activities, evaluations, course grades, and decisions on program admissions, the levels to be followed in order are:

1. Faculty member(s) at the course level
2. Department Chair (if applicable)
3. Dean (Graduate Director first if graduate student)
4. Vice Provost for Academic Affairs
5. Provost

Academic petitions regarding general University matters such as decisions on graduation requirements or other Catalog academic regulations may be made in the following order:

1. Office of Student Academic Services (Graduate Director if graduate student)
2. The Curriculum Committee
3. Dean
4. Vice Provost for Academic Affairs
5. Provost

The decision of the Provost in any student appeal shall be final.

ACCEPTABLE EVIDENCE

Most academic complaints will be resolved at the level of conference between the student and the faculty member. In the exceptional case when the student appeals a decision, the complaint must be in writing. Before a judgment of error is made against the faculty member, the faculty member will be informed of the appeal and given opportunity to respond. Recollections of advice and agreements can be undependable and may reflect what the individual intended or expected, rather than what actually transpired; therefore, formal evaluations from a class, course syllabi or assignment sheets, the University catalog, or other forms of written documentation to which both the student and the faculty member had access at the time, will be the most acceptable evidence for a student academic appeal.

Senior Citizen Program

In keeping with the goal of service, Seattle Pacific has a program that offers tuition-free courses to persons 65 years of age or older. Senior adults of this age bracket may attend on-campus undergraduate classes as auditors or for academic credit. They may take courses in special interest areas and/or complete one bachelor's degree.

Technology fees are covered by the program as well as tuition, though fees charged to all students in a particular course are not covered by the Senior Citizen Program.

If you wish to pursue an undergraduate bachelor's degree:

- **You must formally apply** to the [Office of Undergraduate Admissions](#). Senior citizen students may pursue only one bachelor's degree under this SPU program.
- **Once admitted**, you will receive information about advising and registration for classes.

If you are not pursuing a bachelor's degree:

- **There is no application fee** to become a non-matriculated student.
- **Senior citizen students can take** as many courses as they please (subject to the notes below) as long as they are not pursuing a degree.
- **A senior citizen, non-matriculated student** may not register until the second day of each quarter, which allows all matriculated students to register first. Course registration will be on a space-available basis.
- **If also a [veteran student](#)**, as a non-matriculated student you may not be able to receive benefits through the G.I. Bill®.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at benefits.va.gov/gibill.

REGISTRATION

By enrolling in undergraduate courses at SPU, students agree to comply with the expectations, policies, and procedures in the [Student Handbook](#) that govern all students, including the Student Standards of Conduct.

To register as a senior citizen, non-matriculated student, you must complete a [Registration Form for Non-matriculated Students](#) and submit it to Student Academic Services in Demaray Hall 151 for processing. It is important to indicate all current contact information so that you may receive information from our university's departments.

Course selection can be found in the online [Time Schedule](#).

Notes:

- **Some courses may not be available** to non-matriculated students and/or some courses may have registration restrictions or required course prerequisites.
- **Non-matriculated students are not eligible** to participate in clubs or student government organizations.

Academic Advising

One of the primary factors contributing to a successful academic experience is the positive relationship built between students and faculty. Faculty advisors reach out to students to assist them through the University system and to enable them to fulfill their educational goals. Students have the responsibility of seeking out their faculty advisor for assistance in clarifying goals, exploring areas of interest, and selecting classes each quarter.

Although Seattle Pacific University makes every effort to assist students through the academic advising system, the final responsibility for meeting all academic and graduation requirements rests with each individual student.

ASSIGNMENT OF FACULTY ADVISORS

All new undergraduate students are assigned a faculty advisor early in their first quarter at SPU.

After their first quarter of attendance, students may request a change in advisor. Students can change their advisor in [Banner](#) under "Student Menu/Your Faculty Advisor," or by emailing advisorchange@spu.edu.

ADVISOR APPROVALS FOR REGISTRATION

To obtain guidance in the timely completion of a bachelor's degree, all undergraduate students in their first year at SPU (i.e., with fewer than 45 SPU credits), those not yet in a major, those who have earned a SPU GPA under 2.3 in the most recent quarter, and those who are on academic probation are required to see a faculty advisor prior to registration to discuss course selection for the next quarter and plans for academic success. Once this is done, the student will receive permission to register.

Criteria for entering majors and minors can be accessed through the [Undergraduate Majors, Minors, and Programs](#) section of the catalog. Even if you no longer are required to meet with a faculty advisor in order to register, you are encouraged to do this on a consistent basis. You must have a faculty advisor for each major and minor you are pursuing.

UNDERGRADUATE ACADEMIC COUNSELORS

Every student is assigned an [academic counselor](#) in Student Academic Services who follows the student's progress from admission through graduation.

The undergraduate academic counselors assist students and provide support for faculty by planning and facilitating [New Student Advising](#) for incoming students; evaluating transcripts for transfer students; giving pre-approval for study abroad or completing coursework at other U.S. institutions; completing graduation checklists; and awarding honors and degrees. The academic counselors are also responsible for assisting students who are on academic probation.

Course Descriptions

- [Accounting](#)
- [Anthropology](#)
- [Art](#)
- [Asian Studies](#)
- [Biology](#)
- [Business](#)
- [Chemistry](#)
- [Chinese](#)
- [Classics](#)
- [Communication](#)
- [Computer Engineering](#)
- [Computer Science](#)
- [Criminal Justice](#)
- [Data](#)
- [Economics](#)
- [Education \(EDU\)](#)
- [Education: Mathematics](#)
- [Education: Reading](#)
- [Education: Science](#)
- [Education: Special \(EDSP\)](#)
- [Education: Technology](#)
- [Electrical Engineering](#)
- [Engineering Science](#)
- [English](#)
- [Family Consumer Science](#)
- [Film Studies](#)
- [French](#)
- [General Studies](#)
- [Global Development Studies](#)
- [Greek](#)
- [Health Sciences](#)
- [Health and Human Performance](#)
- [History](#)
- [Honors Program](#)
- [Humanities](#)
- [Information Studies](#)
- [Italian](#)

- [Journalism](#)
- [Language, Culture and Linguistic](#)
- [Latin](#)
- [Leadership](#)
- [Linguistics](#)
- [Mathematics](#)
- [Mechanical Engineering](#)
- [Music](#)
- [Natural and Mathematical Science](#)
- [Nursing](#)
- [Philosophy](#)
- [Physics](#)
- [Political Science](#)
- [PreProfessional Health Science](#)
- [Psychology](#)
- [Russian](#)
- [Social Justice/Cultrl Studies](#)
- [Sociology](#)
- [Spanish](#)
- [Theatre](#)
- [Theology](#)
- [University Colloquium](#)
- [University Core](#)
- [University Foundations](#)
- [Urban Studies](#)
- [Women's Studies](#)
- [Writing](#)

Honors Liberal Arts

[Christine Chaney](#), PhD, Director

[Honors Core Faculty](#)

VIEW DEGREE REQUIREMENTS

- [Honors Liberal Arts \(BA\)](#)

VIEW DEGREE REQUIREMENTS

- [Honors Liberal Arts Minor](#)

The [SPU Honors Program](#) is an accelerated alternative to the regular General Education curriculum for intellectually curious and academically motivated students at Seattle Pacific University. It requires fewer overall credits, but in a challenging, inquiry-based, and inclusive program that asks University honors students to go deeper into the key questions at the heart of our lives, our faith, and our world. **Successful completion of all requirements leads to a Bachelor of Arts degree in Honors Liberal Arts as a second or co-major only.**

SPU Honors is also a close-knit community of students and faculty members committed to academic excellence in a spirit of dialogue, collaboration, and intellectual hospitality. We are guided by the key liberal arts question “What does it mean to be human?” and the foundational curricular values of interdisciplinarity, critical inquiry, equity, inclusion, and service.

HONORS LIBERAL ARTS (BA)

- **A minimum of 50 credits is required for this major**, including 25 upper-division credits.
- **All students must also complete** the [UFDN](#) (University Foundations) sequence of courses.
- **Students must complete** all [foreign language](#), [W](#) (Writing), and [CUE](#) (Cultural Understanding and Engagement) competencies as required by the university for graduation.
- **In both the major and minor**, students complete a shared core of courses that interrogate how knowledge is constructed and by whom, gaining skill in the intellectual tools and foundational practices of a scholar.
- **For the major**, you must also take at least 10 credits of approved Honors electives and publicly present an approved honors research project at the annual Honors Research Symposium.
- **At least one credit of HON 4899: Capstone (1–5)** must be taken during spring of the senior year along with required participation in the Honors Research Symposium.
- **It is recommended** that all new honors students, whether incoming freshmen or current SPU students, take the first three core HON courses (2000, 2100, 2200) in sequence during their first honors year.
- **Approved study abroad or study away coursework** may be used to satisfy Honors Liberal Arts requirements with approval of the Honors Director.
- **Honors courses may be counted** toward disciplinary majors at the discretion of departments and programs.
- **Non-honors students** may petition to enroll in individual honors courses with the approval of the Honors Director and relevant faculty member(s).

Additional competencies and requirements

- **To remain in the program**, every honors student must participate in their choice of a wide range of approved service and leadership opportunities and complete an annual service/leadership self-reflection report.

- **Attendance is required three times** a year for all students at the quarterly all-honors Touchstone Banquet.

ENTERING AND COMPLETING THE MAJOR

Formal application and admission to the SPU Honors Program is required prior to enrollment in the Honors Liberal Arts major or minor.

You may apply for admission to Honors at anytime, using the [online Honors application materials](#) for incoming first-year or transfer students, as well as currently enrolled SPU students.

To meet the minimum requirements for admission, you must:

- **Have demonstrated intellectual ambition** and a track record of academic success (which will vary depending on the applicants' academic standing and history).

To successfully complete the major, note that:

- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses, as in honors. You may repeat an SPU course only once for a higher grade.
- **To advance in the Honors Program**, you should meet with the honors director and/or your Honors faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the Honors Liberal Arts major, the advisor can work with you to explore options, which may include choosing the Honors Liberal Arts minor and regular General Education track instead.
- **You must complete the major requirements** in effect in the SPU Undergraduate Catalog for the year of admittance to the major.

HONORS LIBERAL ARTS MINOR

- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **Students in the Honors Liberal Arts minor** must take HON 2000, 2100, 2200, 3000, and 10 credits of approved Honors electives.

ENTERING AND COMPLETING THE MINOR

- **Acceptance is based upon** the same standard of admission as the major.
- **Students in the minor** must complete all other regular [General Education requirements](#).
- **Students are required to formally apply for the minor** and may do so at any time.
- **Students must complete the minor requirements** in effect in the SPU Undergraduate Catalog for the year of admittance to the minor.

Student-Designed Major

Student-Designed majors provide an opportunity for students who have a particular interest to design a major that crosses the boundaries of disciplinary majors.

ELIGIBILITY GUIDELINES

- **To be admitted to a Student-Designed major**, you must apply for it no later than one year before your intended quarter of graduation.
- **All standards governing a major as described** elsewhere in the Undergraduate Catalog (e.g., minimum number of upper-division credits in the major, minimum cumulative GPA for acceptance into the major) will apply to Student-Designed programs.
- **You must have a minimum cumulative 2.5 GPA** in all SPU classes to apply for a Student-Designed major.

APPLY TO A STUDENT-DESIGNED MAJOR

Once you have discussed a possible special major with a faculty advisor, you should submit the [Student-Designed Major application form](#) (PDF), and include the following:

- The proposed program
- A statement of purpose and rationale
- Evidence of an advisor's and school's approval to the Curriculum Committee

Your proposal should include evidence that you have considered courses or learning experiences, such as Internships or Independent Study, which will provide an opportunity to integrate content and skills from the various disciplines in your program.

The Curriculum Committee may suggest changes, but once the proposal has been approved by the committee, a contract will be drawn up to be placed in your file in [Student Academic Services](#).

ROTC Programs

ROTC programs are offered to SPU students via cross-town agreements with the University of Washington.

Seattle Pacific University accepts 20–24 quarter credits from an approved ROTC program toward the 180 required to graduate — up to 3 credits each from the freshman and sophomore sequences, and up to 9 credits each from the junior and senior sequences. If a student drops out of the program, the ROTC credits do not apply toward graduation. Upon completion of a ROTC program, the student is responsible for requesting official transcripts for the SPU registrar's office.

AIR FORCE RESERVE OFFICER TRAINING CORPS (AFROTC)

Air Force Reserve Officer Training Corps (AFROTC) is offered to SPU students through an agreement with the University of Washington. All classes are taught at University of Washington, Clark Hall 120.

The Air Force ROTC program is designed to motivate, educate, and commission highly qualified students for active duty as officers in the U.S. Air Force. The curriculum develops the professional knowledge in both theory and application that an Air Force officer needs to be an effective manager and leader in the aerospace environment.

General program requirements

The freshman- and sophomore-level classes (general military courses) are open to all students attending any two- or four-year college full time. Any student may enroll in these classes. The junior- and senior-level classes (professional officer courses) are open to qualified students who have been competitively selected for entry.

For more information contact the unit admissions officer at 206-543-2360 or write University of Washington, Department of Aerospace Studies, Detachment 910, University of Washington, Box 353830, Seattle, WA 98195-3530. You can also visit the [UW AFROTC](#).

General military courses

The basic general military courses consist of one classroom hour, and approximately 2 hours of physical training and 2 hours of leadership laboratory per week during your freshman and sophomore years.

- **Your uniform and textbooks** are provided.
- **You may enter at the start** of Autumn or Winter Quarter.
- **A 13-day field training course**, completed at Maxwell AFB in Alabama during the summer between your sophomore and junior years, is required for entry into the Professional Officer Course.

Except for sophomore cadets on AFROTC scholarship, students incur no active-duty service commitment from enrollment in the GMC, and students may drop the courses at any time.

Professional officer course (POC)

If you are selected for enrollment in POC, you are enlisted in the Air Force Reserve and receive a tax-free monthly subsistence pay of \$450 for juniors and \$500 for seniors.

- **You are furnished** texts and uniform.
- **Your junior- and senior-level classes** consist of three hours of academic classes, and approximately 2 hours of physical training and 2 hours of leadership laboratory per week, in addition to a position within the cadet corps.

Course descriptions

AS 101, 102, 103 Aerospace Studies 100 (1,1,1) Survey of Air Force life and ROTC opportunities; U.S. Air Force mission and organization; functions of U.S. aerospace support forces; officership/ professionalism and an introduction to communicative skills.

AS 211, 212, 213 Aerospace Studies 200 (1,1,1) Examines factors contributing to the development of air power from its beginnings to the present and the evolution of air-power concepts and doctrine; history of air-power employment in military and nonmilitary operations in support of national objectives. Assessment of communicative skills.

AS 331 Aerospace Studies 300 (3) Emphasis on basic leadership and management fundamentals, professional knowledge, and communicative skills required of an Air Force officer. Case studies used to examine leadership and management situations. An additional leadership laboratory (mandatory for cadets but not special students) provides leadership experiences, giving students the opportunity to apply learned principles. Offered: Au.

AS 332 Aerospace Studies 300 (3) Emphasis on advanced leadership and management fundamentals, professional knowledge, and communicative skills required of an Air Force officer. Case studies used to examine leadership and management situations. An additional leadership laboratory (mandatory for cadets but not special students) provides leadership experiences, giving students the opportunity to apply learned principles. Offered: Wi.

AS 333 Aerospace Studies 300 (3) Emphasis on leadership ethics, leadership and management fundamentals, professional knowledge, and communicative skills required of an Air Force officer. Case studies used to examine leadership and management situations. An additional leadership laboratory (mandatory for cadets but not special students) provides leadership experiences, giving students the opportunity to apply learned principles. Offered: Sp.

AS 431 Aerospace Studies 400 (3) I&S Needs for national security, evolution of American defense strategy, policy, and organization; methods for managing conflict, alliances and regional security to preserve American interests. Arms control, terrorism, and current military issues; refinement of communicative skills. A one-hour leadership laboratory is also required for cadets, but not special students. Offered: Au.

AS 432 Aerospace Studies 400 (3) I&S World regional-studies emphasis; Europe, East Asia, South Asia, Latin America, Africa, Middle East, and Russia; political, economic, cultural, environmental, and military elements of each region; impacts on world affairs and American interests; refinement of communicative skills. A one-hour leadership laboratory is also required for cadets, but not special students. Offered: Wi.

AS 433 Aerospace Studies 400 (3) I&S Preparation for active duty in the U.S. Air Force. The military as a profession, officership, the military justice system, current military issues; Air Force policies, procedures, and regulations; refinement of communicative skills. A one-hour leadership laboratory is also required for cadets, but not special students. Offered: Sp.

Commissioning requirements

Once you have successfully completed the AFROTC program and have received an academic degree from SPU, you are offered a commission as a second lieutenant in the U.S. Air Force. You will serve at least four years in the military, depending on your awarded Air Force Specialty Code/job.

Financial assistance

The Air Force offers three- and four-year scholarships to students with a minimum 2.5 GPA. Students awarded scholarships from the Air Force ROTC Scholarship Board are eligible for a supplemental room grant. To take advantage of these scholarships, you should apply directly to AFROTC UW (address noted under General program requirements, above).

In addition to this, you may apply for an SPU ROTC Academic Achievement Award. For consideration, you must be a recipient of a three or four-year scholarship from Army or Air Force ROTC. Please contact [Undergraduate Admissions](#) for further information.

ARMY ROTC

[Army ROTC](#) is offered to SPU students through an agreement with the University of Washington. Classes are taught at on the University of Washington's Seattle Campus, Clark Hall, Room 316.

The Army ROTC program is designed to train, develop, educate, and commission highly qualified students with character for active duty or the reserve component as officers in the U.S. Army.

General program requirements

The freshman- and sophomore-level classes (basic military science courses) are open to all students attending any two- or four-year college full time. Any student may enroll in these classes. The junior- and senior-level classes (advance military science courses) are open to qualified students who have been competitively selected for entry.

Military science and leadership basic courses

Students just taking the courses do not incur any military service obligation and may drop the courses at any time.

- **Two classes per week** (Each class meets for 50 minutes twice per week.)
- **(Optional) Leadership development training** comprised of physical fitness training, leadership labs, and off-campus quarterly training exercise.
- **Your uniform and textbooks** are provided.
- **You may enter** at the start of each quarter.

Basic course descriptions

MSCI 101, Military Science and Leadership Development (3) Introduction to challenges and competences critical for effective leadership. Examines how critical thinking, goal setting, time management, and stress relate to leadership. Develops knowledge and comprehension of leadership dimensions. Lessons include history and mission of the Army and leadership, personal development, values and ethics, and tactics and techniques discussions. Offered: Au.

MSCI 102 Military Science and Introduction to Tactical Leadership (3) Overview of leadership fundamentals of problem solving, listening skills, briefings, providing feedback, and effective writing. Explores dimensions of leadership values, attributes, skills, and actions in the context of practical, hands-on, and interactive exercises. Introduction of effective oral communication. Develops skills in map reading, land navigation, and tactical maneuvering at team levels. Offered: Wi.

MSCI 103, Military Science and Introduction to Applied Basic Leadership (3) Final introductory series on leadership. Applies leadership fundamentals emphasizing attributes, skills, and actions. Students assess capabilities simultaneously, considering their personal leadership. Lessons apply leadership to military tasks of map reading, navigation, and tactics. Offered: Sp.

MSCI 201, Military Science and Innovative Team Leadership (3) Explores dimensions of innovative tactical leadership strategies and styles. Practices personal motivation and team building through planning, preparing, and executing group exercises. Develops knowledge of leadership values and attributes through an understanding of Army leadership examples. Lessons include leadership, personal development, values and ethics, officership, and tactics and techniques. Offered: Au.

skills, leadership, and tactics and techniques. Offered: Fa.

MSCI 202, Military Science and Foundations of Tactical Leadership (3) Explores creative and innovative tactical leadership strategies and styles by examining team dynamics and leadership theories. Examines challenges of leading teams in complex contemporary environments. Practical exercises focus on dimensions of terrain analysis, patrolling, operation orders, and cultural awareness. Lessons include fundamentals of leadership, personal development, and tactics and techniques. Offered: Wi.

MSCI 203, Military Science and Transformational Leadership (3) Continues study of the theoretical basis of Army leadership and framework and dynamics of transformational leadership in the context of military operations. Develops greater self-awareness by assessing leadership styles and practices oral and written communication skills. Enables progress to applied and advanced tactical leadership study. Offered: Sp.

Financial aid

Army ROTC Cadets can receive the following financial incentives and benefits:

- **Two-, three-, and four-year scholarships** are awarded annually to cover school expenses. The scholarships pay full tuition or \$10,000 for housing per year, provide a \$400 quarterly book allowance, and a \$420 monthly allowance.
- **Assistance of a \$420 per month allowance** to all non-scholarship cadets enrolled in the advanced course.

In addition to this, you may apply for an SPU ROTC Academic Achievement Award. For consideration, you must be a recipient of a three or four-year scholarship from Army or Air Force ROTC. Please contact [Undergraduate Admissions](#) for further information.

Commissioning requirements

To be commissioned in the U.S. Army, you must graduate with a minimum of a bachelor's degree and have completed the military science curriculum, including successful completion of the four-week advanced camp during the summer prior to your senior year.

For more information, visit [our website](#) or contact the program adviser at 206-685-6236 or at armyrotc@uw.edu.

Academic Honors

DEAN'S LIST OR QUARTERLY HONORS

Quarterly honors are awarded to those undergraduate and post-baccalaureate students in good standing who have completed at least 12 credit hours of work at SPU in a given quarter and attained a 3.5 or higher quarterly grade-point average.

Students who have earned any of the following grades will not qualify for honors: E, NC, I, or N.

However, once the temporary grade of N or I has been replaced by the grade earned, honors will be awarded to qualified students.

PRESIDENT'S LIST

The President's List recognition is awarded to those students who exclusively attended SPU full time during the academic year, maintained full-time status, and achieved a 4.0 GPA in all three quarters.

LATIN HONORS

GPA requirements for Latin honors are based solely on the SPU college-level grade point average, as follows:

- **Cum Laude:** 3.50–3.74 GPA
- **Magna Cum Laude:** 3.75–3.89 GPA
- **Summa Cum Laude:** 3.9–4.0 GPA

Bachelor's degrees will be conferred with Latin honors to undergraduate students who meet the following conditions:

- **The student must complete** at least 75 quarter hours in residence at SPU if earning a first bachelor's degree; 45 credits if earning the degree as a post-baccalaureate student.
- **All courses taken at SPU** (except ESL and other courses numbered below 1000) are included in the GPA for honors and must meet the minimum grade-point average required for the honor.
- **Honors for post-baccalaureate students** require the minimum GPA in the entire work necessary for the degree including the 45 credits required in residence.
- **Students must meet the graduation application deadlines** to have honors appear in the Commencement program. Graduation honors are computed for the Commencement program on the basis of work completed through Winter Quarter for Spring Quarter and Summer Quarter graduates.

ACADEMIC AWARDS

President's Citation

The President's Citation is awarded to one graduating Seattle Pacific University undergraduate student who exemplifies the mission and vision of the University and is among those with the highest academic standing in his/her class.

To be eligible for this award, the student must have taken all of his or her university work at SPU and must have

adhered consistently to the ideals of the University. The University president makes the selection.

Alpha Kappa Sigma

Undergraduate students who have earned at least 90 credits at SPU and who are in the top 10 percent of the graduating class are eligible for election to the honor society Alpha Kappa Sigma.

This honor society has chapters in all the colleges of SPU's sponsoring denomination. During their senior year, candidates are recommended by an academic policies committee and elected by vote of the faculty.

Honoraries

The Ivy Honorary, a chapter of National Mortarboard Inc., selects students for membership at the end of their junior year. These are students who have distinguished themselves through scholarship, leadership, and service.

Other honoraries include:

- **Alpha Psi Omega** (drama)
- **Beta Gamma Sigma** (business and accounting)
- **Centurions** (men's service honorary)
- **Falconettes** (women's service honorary)
- **Lambda Pi Eta** (communication and journalism)
- **Mu Phi Epsilon** (music)
- **Omicron Delta Epsilon** (economics)
- **Pi Sigma Alpha** (political science)
- **Psi Chi** (psychology)
- **Servant Scholar of the Year** (student life)
- **Sigma Theta Tau** (nursing)

Changes in Personal Information

It is your responsibility to notify Seattle Pacific University of any changes to your permanent or mailing addresses. This will enable the University to forward important materials and information to you.

Addresses and phone numbers can be changed online through the Banner Information System or by submitting a [Change of Directory Information](#) (PDF) form to Student Academic Services.

If you wish to change your name (e.g., due to change in marital status) or update your birth date in your University records, you will need to provide Student Academic Services with the Change of Directory Information form along with official documentation for the change. See the [Student Academic Services website](#) for more detailed information.

A primary function of the Registrar's Office is to uphold academic integrity by ensuring that records of a student's course registration, course completion, and grades are accurate and comprehensive. Therefore, academic history data are not subject to erasure by request under the European Union General Data Protection Regulations or any other regulation.

Academic Integrity

EMPHASIS ON SCHOLARSHIP

Seattle Pacific University seeks to inspire in each of its students a sincere appreciation for genuine scholarly work and an earnest desire to study. The faculty Curriculum Committee has immediate jurisdiction over all questions pertaining to scholarship and is responsible to the faculty for maintenance of university standards.

Definitions

A breach of academic integrity occurs when students receive academic benefits they did not earn through their own work. In its more blatant forms, academic dishonesty includes but is not limited to:

- Copying another individual's work on an exam.
- Preparing for an exam by using test questions from a stolen exam.
- Bringing concealed answers to an exam.
- Turning in another person's work as their own.
- Committing plagiarism; that is, copying portions of another's words from a published or electronic source without acknowledging that source.

It is not dishonest to discuss possible answers to an exam question as part of a study group, to discuss ideas for a paper with other members of the class, or to ask a friend to read a draft of a paper for suggestions to improve it, unless the professor has prohibited these activities.

It is not dishonest to summarize, paraphrase, or quote the words of others in a paper, presentation, or other academic work so long as the student acknowledges the sources with appropriate citations.

GUIDELINES AND PENALTIES FOR ACADEMIC DISHONESTY

The penalties for breaches of academic integrity shall be clearly spelled out in a course syllabus; they may range from no credit for the work in question to no credit for the course. Both the students and the instructor have obligations to report and to prevent cheating, plagiarism or other academic misconduct. If the instructor suspects academic dishonesty, the following guidelines apply:

1. **The instructor arranges a conference** with the student to discuss the incident.
2. **If, following the conference,** the instructor is convinced that the student violated academic integrity; the instructor may propose appropriate action. If the student accepts such action as appropriate, both student and instructor will verify this in writing and no further penalty will be necessary.
3. **If agreement is not reached** between the instructor and the student, the instructor may propose a grade penalty against the student by notifying the appropriate school dean in writing with supporting evidence. The penalty imposed will be commensurate with the degree of offense, from loss of credit for the work involved in the infraction to loss of credit for the entire course, such penalty to be determined in consultation with the school dean. The notification, supporting evidence, and the school dean's written concurrence with the penalty will be sent to the [Vice Provost for Academic Affairs](#) for inclusion in the student's personal file. Based on a review of records, if this is determined to be a first offense it will remain in the files of the Vice Provost for Academic Affairs. If the VPAA receives a second notification of a violation of academic integrity the VPAA will notify the [Vice President for Student Life](#), at which time a violation of academic integrity becomes part of a student's permanent file. The student may appeal this action by following the process outlined under "appeals of student academic complaints."

4. **If the act of dishonesty is associated with a criminal act** (e.g. breaking into a faculty office) or with concerted group effort (all or part of a class), such cases will be immediately referred to the Vice President for Student Life.

Eligibility

HONORS AND ACTIVITIES

Students who are registered for less than a full-time academic load at SPU are not eligible to be rated for academic honors. Academic honors are based solely on attendance at SPU.

To participate in extra-curricular activities, students must maintain a satisfactory cumulative grade-point average. Consult the [Office of Student Life](#) for specific requirements.

SPECIFIC INTERCOLLEGIATE ATHLETICS

A student athlete in an intercollegiate sport must be enrolled in a minimum of 12 credits to be eligible for practice and competition. In addition, by the beginning of the student-athlete's second academic year, the student must achieve a minimum cumulative 2.0 GPA (C) to be eligible for competition. All other NCAA bylaws regarding eligibility also must be met.

Academic Schedule and Load

ACADEMIC SCHEDULE

Seattle Pacific University uses a quarter calendar system that spans three regular quarters (Autumn, Winter, and Spring quarters) and an optional summer term, used by most students as a vacation period.

Winter and Spring Quarters each consisting of 10 weeks of instruction. Autumn Quarter includes a period of 10 weeks of instruction preceded by **September Session**, a period of several weeks beginning after summer session ends and prior to start of the regular autumn term. September Session provides an opportunity for students to enroll in unique or specialty courses, including short-term study abroad Global Seminars.

Credits taken during September Session count toward students' Autumn Quarter credit load, and students are allowed to apply their financial aid toward these classes. (If students take more than a combined 18 credits during the September Session and Autumn Quarter, they will be charged for the overload.)

September Session allows flexibility and opportunity for our students who may want to catch up on credits, or move toward degree completion more quickly. [Learn more](#) about September Session.

Block Schedule

Classes are arranged in a [block-schedule](#) format: 5-credit courses are generally offered in either 80-minute periods three days a week or 120-minute periods two days a week.

Except during Summer Session(s), there is an interval of 10 minutes between periods, and a Chapel assembly is scheduled at 11:10 a.m. on Tuesdays. Forums and cadres are at 1 p.m. on Tuesdays and Thursdays. SPU also offers a variety of evening, weekend, and summer classes. Most summer courses take place over two four-week sessions and vary from traditional classes in length and structure.

Final Examination Schedule

A special two-hour class meeting is scheduled for most courses during one of the last three days of every quarter. The final exam period is considered an instructional period; classes are expected to meet during the scheduled time whether or not a final exam is given.

If a student has more than two exams on any day, he or she may reschedule one of the exams with an instructor at a mutually convenient time. An instructor may refuse a student's request to reschedule a final examination. However, instructors may schedule an early final exam for a student under the following conditions:

- **The student is able** to demonstrate appropriate mitigating circumstances that, in the judgment of the instructor, warrant rescheduling the final exam.
- **A rescheduled final exam** is given no earlier than four working days prior to the last day of the final examination period.
- **The student's request** to reschedule a final exam is made at least two weeks before the regularly scheduled final exam period.

ACADEMIC LOAD

Definition of Academic Credit

One “credit” signifies the value toward graduation of a class meeting one period of approximately one hour each week for a quarter of approximately 10 weeks together with satisfactory completion of the assigned out-of-class work. Two (and sometimes three) 50-minute periods of laboratory work are regarded as equivalent to one such period of regular class work.

The SPU “credit” is a “quarter” credit and is equal to two-thirds of the “semester” credit in use at some institutions. (For instance, 45 quarter credits are equivalent to 30 semester credits.) It is expected that students will spend at least two 50-minute periods of work outside the classroom for each 50 minutes in class.

Enrollment Status

Enrollment status for undergraduate and post-baccalaureate students is determined by the following:

- **Full time:** 12–18 credits
- **Three-quarter time:** 9–11 credits
- **Half time:** 6–8 credits
- **Less than half time:** 1–5 credits

Permissible Academic Load

The term “academic load” refers to the schedule of studies for which a student is registered. Twelve to 18 credits are considered a regular academic load for undergraduate and post-baccalaureate students. Although Summer Session consists of more than one session, to be considered full time a student must be registered for at least 12 credits within the entire Summer Session.

To foster academic success and aid in the transition from high school to college, freshmen are allowed to register for no more than 18 credits per quarter. Those who desire to exceed the 18-credit limit to participate in Music Ensembles or private instruction should contact the [registration staff](#) in Student Academic Services.

By special permission from the university registrar, undergraduate and post-baccalaureate students who maintain a high scholarship standard may be permitted to register for as many as 20 credits. Only rarely, and through a petition process, are students permitted to register for more than 20 credits, including music, physical education, and all fractional credits. An example of “rare” circumstance warranting such a petition would be the need to take a few extra credits to complete the final quarter toward a degree.

It should be noted that there is an additional per-credit tuition charge for 19 or more credits.

Reduction or Limitation of Load

An undergraduate student’s academic load is subject to reduction or limitation from the university registrar for low scholarship.

Experience suggests that most students should limit academic load in proportion to hours of employment outside of school hours. The following schedule suggests a relationship between the student’s academic load and outside work:

Outside work per week	Load recommended
14 or fewer hours	15–18 credit hours or fewer
15–20 hours or fewer	12–14 credits
21–30 hours or fewer	10–12 credits
More than 30 hours	6–10 credits

CONCURRENT ENROLLMENT

Except when participating in approved study abroad, students may not take courses concurrently from SPU and another institution during the regular academic year (Autumn through Spring quarters).

Enrollment at Other Institutions

Once a student has matriculated at SPU, the student should never enroll in a course at another institution without consulting an [undergraduate academic counselor](#) and completing an [Application for Studying Away](#) (PDF). If the student wishes to take courses toward a major or minor, a faculty advisor's signature will be required on the form.

Policies governing transfer of credits include the following:

1. **It is the student's responsibility** to ensure that final official transcripts reflecting coursework are received by SPU.
2. **Students may complete no more than 30 credits** from other institutions once matriculated at SPU, except through approved study abroad programs or visitor programs.
3. **No coursework completed elsewhere** will be transferred if the student has already received credit for equivalent course(s) at SPU. (See "Zero Credit Transfer Policy," below, for additional information.)
4. **Students may not take courses concurrently** from SPU and another institution during the regular academic year (Autumn through Spring quarters), except when participating in approved study abroad.
5. **During the summer, concurrent enrollment in SPU courses and in pre-approved courses at another institution** is allowed, provided that: the combined credit total for the term does not exceed 20 quarter credits; the 30-credit limit on non-SPU coursework after matriculation is not exceeded; and a completed Study Away form has been submitted to the undergraduate academic counselor prior to enrollment in courses at another institution.
6. **The average grade in all courses accepted** from each school must be "C" (2.0) or higher. This means that for every grade of "D" accepted in transfer there must be another grade of at least B or its equivalent for an equal number of credits. Exception: For ABHE accredited institutions and for courses taken at a non-U.S. school, no grade below "C" (2.0) will be accepted.
7. **No grade below "D" (1.0)** will be accepted from any institution.
8. **Only courses taken for a regular grade** (not "pass/fail" or "credit/no credit") will be applied toward requirements in General Education and toward a student's major and minor.
9. **The minimum grade** that can be applied toward any major or minor is "C-" (1.7), though some majors may require a higher grade in all or some major courses.
10. **Transfer associate degrees** earned after initial matriculation at SPU will not be recognized toward fulfillment of the Exploratory Curriculum, University Core requirements, or the foreign language proficiency requirement. The only exception to this policy occurs when a student participates in the [Reverse Transfer DTA Associate's Degree](#) agreement.
11. **A combined total of** not more than 90 quarter credits, will be accepted from all two-year colleges, unaccredited schools, and approved test programs (such as AP, CLEP, Cambridge International, and IB). For students matriculating at SPU for the first time, existing Washington, Oregon, and California community-college associate degree transfer agreements will be honored as they apply to General Education requirements.
12. **No more than 45 quarter credits combined** will be accepted for international 13th year coursework or exams, approved testing programs (such as AP, CLEP, and IB), and SPU credit by exam.
13. **Credits in excess of 20** in any one term will not be transferred. This includes courses taken concurrently by media, correspondence, or extension at more than one institution, as well as non-credit courses. An exception to this policy applies to credits earned through a pre-approved study abroad term.
14. **To be eligible for a degree**, an undergraduate transfer student is required to earn a minimum of 45 credits in residence at SPU, including no fewer than 15 upper-division credits in his or her major (more, if specified by the major). See individual majors for additional degree requirements.
15. **SPU credit by exam** does not count toward the minimum 45 credits in residence.

16. **Credits will not be** transferred for experiential learning.

ZERO CREDIT TRANSFER POLICY

If a student earns credit for a course at SPU (that is, the course is completed with a "P" grade, or with a "D" grade or better) the student may not take an equivalent course elsewhere and transfer the course to SPU for credit, because:

- A student may not receive credit for the same academic content twice, and
- Credit for an SPU course cannot be rescinded and replaced by a course from another institution.

Typically, when a student earns credit in an SPU course with a grade too low to fulfill a particular degree requirement, the student repeats the course at SPU. However, occasionally a student is unable to repeat the class at SPU. In such cases, the student may request from his or her academic department the option of completing the course at another institution and transferring the course to SPU with no credit awarded, a process we call "transfer with zero credit."

The student's academic department is not obligated to agree to the student's request. However, if the academic department agrees to allow this option, the following steps must be completed:

- The student will work with his or her faculty advisor and undergraduate academic counselor to identify a comparable course at a regionally-accredited institution.
- The student will submit to the undergraduate academic counselor a [Study Away form](#) that has been completed by the student and the faculty advisor.
- Once the student has completed the pre-approved course at the other institution, the student will request that an official transcript be sent to the undergraduate academic counselor in Student Academic Services.
- Upon receipt of the official transcript, the academic counselor will transfer the course with a grade but no credit, then notify the faculty advisor that the course can be viewed in the student's records in the Banner Information System.
- The faculty advisor will determine whether or not the grade received for the transfer course is acceptable to fulfill the SPU degree requirement, and will communicate this to the student and the academic counselor.
- The faculty advisor also will update the student's major or minor degree checklist in Banner with a comment indicating that the transferred course substitutes for the appropriate SPU requirement.

Through this process, the student proves adequate proficiency in the course material. The grade and credit for the original SPU course will remain a part of the SPU grade point average and academic record.

Graduation

To be eligible to participate in Commencement ceremonies, a student must be able to complete all degree requirements during the calendar year in which Commencement ceremonies take place. For instance, those who plan to participate in Commencement in June 2021 must be able to complete all degree requirements by the end of Winter Quarter 2021, Spring Quarter 2021, Summer Quarter 2021, or Autumn Quarter 2021.

Students who cannot fulfill requirements for their degrees during the annual commencement cycle are not allowed to “walk” in the Commencement ceremony.

You must formally apply for graduation, and are encouraged to do so as soon as you have earned approximately 105 credits and have been admitted to all majors and minors you plan to complete. Apply for graduation through the [Banner Information System](#) by selecting “Student Menu,” then “Graduation Menu,” and, finally, “Apply to Graduate.”

If you meet the graduation application deadlines below, you will receive information on your academic progress prior to your anticipated quarter of graduation.

- **Spring/Summer Quarter:** May 1, the year prior to graduation
- **Autumn Quarter:** November 1, the year prior to graduation
- **Winter Quarter:** February 1, the year prior to graduation

If you do not meet application deadlines, you might not receive academic progress reports and may apply too late to be listed in the Commencement brochure.

Information about the time, date, and procedures for all [Commencement](#) activities will be communicated via your SPU email account. Receiving commencement information does not guarantee that you will be allowed to participate in Commencement ceremonies. It merely indicates that you have applied to graduate during the current academic year.

Your degree will be awarded effective the quarter in which all degree requirements are completed and the final grades for all courses have been assigned, regardless of the term in which you registered for those courses.

Degrees are awarded by the end of the quarter following the quarter in which the degree was completed.

Diplomas are not distributed during Commencement. You will receive your diploma once final grades have been posted and Student Academic Services staff has confirmed that all graduation requirements have been fulfilled. During the Commencement ceremony, you will receive a diploma cover. Diplomas are mailed approximately six weeks after the degree is posted, as long as all financial obligations to the University have been met.

- **Winter Quarter graduates** should receive diplomas by mid-June
- **Spring Quarter graduates** should receive diplomas by mid-September.
- **Summer Quarter graduates** should receive diplomas by mid-December.
- **Autumn Quarter graduates** should receive diplomas by mid-March.

Grading

GRADES AND POINTS

Except in cases of clerical error, no instructor may change a grade that he or she has submitted to [Student Academic Services](#). A student may not do additional work after the quarter ends in order to improve the final grade. Grade changes may be made no more than one quarter after the grade was issued. See [Academic Appeals](#) for details about the process for appealing a course grade.

The quality of a student's performance in a course is recognized by a letter mark or grade, which is counted in points. Grade points (or quality points) are the numerical equivalent of letter grades and are assigned for each credit earned according to the scale below.

For example, a student receiving a grade of A (worth 4.0 points) in a 5-credit course would earn 20 grade points. These points express the quality of a student's performance in terms of numbers for the purpose of determining scholastic achievement and individual and graduation honors.

Grade	Points	Explanation
A	4.0	Excellent attainment
A-	3.7	
B+	3.3	
B	3.0	Highly satisfactory attainment
B-	2.7	
C+	2.3	
C	2.0	Satisfactory attainment
C-	1.7	
D+	1.3	
D	1.0	Insufficient attainment with credit allowed
E	0.0	Failure
Au		Audit
P		Pass (used only with the pass/no credit option)
NC		No credit (used only with the pass/no credit option)
I		Incomplete
N		In progress
HW		Hardship Withdrawal
W		Withdrawal with official approval

GRADE POINT AVERAGE

A student's grade point average (GPA) is determined by dividing the total number of grade points earned during a given period by the number of credits for which the student was enrolled and for which he or she received a regular grade during the same period.

For example, if a student earns 45 grade points during a quarter in which he or she is enrolled for 15 credits, his or her GPA for the quarter will be 3.0.

USE OF I, N, HW, AND W GRADES

The “I” grade (incomplete) indicates that the student did not complete the work assigned for a course because of absence from school during the quarter due to illness or an acceptable emergency. The student must [initiate the request](#) (PDF) for the “I” grade prior to the final examination or last class session. Unless the student is incapacitated, this request should be made in writing. Documentation verifying the illness or acceptable emergency (e.g., a note from a medical doctor) may be required by the instructor.

A student must be making satisfactory progress in the course at the time of the request for an “I” grade. The instructor is under no obligation to grant the request for an “I” grade. However, if the instructor chooses to issue an “I” grade, the instructor and student must formulate a plan for the student’s completion of the course requirements. The student may not attend a future class in which he or she is not registered as a means of working toward completion of an “I” grade.

A timeline for course completion will be determined by the instructor, and may be shorter than one year. However, in all cases the student must submit final coursework to the instructor within one calendar year or the “I” becomes an “E.” A student who has an “I” grade that has not yet been converted to a final, regular grade may not enroll in a course with the same subject code and course number.

The student must initiate the removal of the “I” grade once coursework has been completed. A student cannot carry more than 20 credits of incomplete grades without prior approval from the university registrar.

The “N” grade is used only in specified courses in which a final grade is dependent upon additional work. The “N” grade indicates that work is satisfactory to date, but carries with it no credit or final grade until all work is completed. Work must be completed within one calendar year or the “N” becomes permanent.

A student’s degree will be awarded effective the quarter in which all final grades have been assigned, regardless of when a student may have initially registered for a course in which the student received an “I” or “N” grade.

The “HW” grade is assigned in rare cases by University administration after thorough review and substantiation of a student’s circumstances. Examples of situations leading to a hardship withdrawal include incapacitating illness or injury, or death of a family member.

Withdrawal from a course with official approval during weeks two through seven of the quarter will result in a “W” appearing on the transcript.

AUDIT

With instructor permission, many on-campus SPU undergraduate courses may be audited. Students pay regular tuition to audit a course. Students do not receive credit for an audited course.

Students must register to audit a course in person in Student Academic Services in Demaray Hall 151 before 4:30 p.m. on the fifth day of the quarter, as published in the [Academic Calendar](#)

For more information regarding auditing a course, including limitations on class participation, refer to the [Registration](#) section of this catalog.

PASS/NO CREDIT

- **Some courses allow the option of a grade of P/NC (Pass/No Credit)** rather than a regular letter grade, and some courses provide only the P/NC grade mode.
- **The P grade, in either case mentioned above,** must be equivalent to a grade of at least C (2.0).
- **If a course carries the P/NC option,** students may register for that option by completing a P/NC form no later than 4:30 p.m. on the tenth day of the quarter.
- **The total number of credits** toward the degree for which students may elect the P/NC option is based on the

student's class standing at entrance to SPU, as specified in the schedule below. Limitations on transfer credits apply as well.

- Freshman – 30 credits
- Sophomore – 20 credits
- Junior – 15 credits
- Senior – 5 credits
- **Normally, students may opt to take no more than one** P/NC course per quarter. However, a student may enroll in two courses graded P/NC if this is the only grade mode available for each course **and** at least one of the courses is required for the student's program of study or for extra-curricular responsibilities (such as a position in the residence halls).
- **No courses in a major or minor** may be graded Pass, with the exception of Performance Practicum in the Theatre major and Practicum courses in the Nursing major.
- **No courses graded Pass may be used toward** University Scholars or General Education Requirements, except UCOL 1000.
- **For those students who transfer to SPU**, no Pass credits will be accepted for major, minor, General Education, or Honors Program requirements, unless the grading system at the transfer institution is such that only P/NC grades were awarded, and the P grade equates to a grade of at least C (2.0).
- **Courses in which a student** earns a Pass or No Credit grade do not count in a student's grade-point average calculation.
- **However, college-level credits** (numbered 1000–4999) earned with a pass grade do count toward elective credits in a bachelor's degree.

EQUIVALENT COURSES

Courses noted as being "equivalent" may be substituted for each other. A student may not receive duplicate credit for two courses considered equivalent to each other. If a student takes an SPU course equivalent to a course previously completed at SPU, the rules outlined below in the section regarding "Repeating Courses" will be employed.

If a student takes an SPU course equivalent to a course previously transferred from another school, credit for the transfer course will be rescinded and the SPU credits and course grade will apply. Courses taken at another institution cannot replace an equivalent SPU course for which credit has been received.

REPEATING COURSES

A "repeatable course" is designed to allow students to enroll in the course multiple times for credit, up to a designated credit limit or number of repetitions. The course description for such a course indicates that the course is repeatable for credit. Within stated limits, credits and grades for these repeatable courses will count toward graduation requirements and the SPU GPA.

Most courses are "non-repeatable" for credit, meaning a student may earn credit and grade points for the course only once. However, a student may enroll in a previously completed "non-repeatable" SPU course (or a course noted as its "equivalent") for the purpose of earning a higher grade. With the exception of UCOR, UFDN, and WRI courses, a course may be repeated only once.

Students who believe they have unusual circumstances may petition to repeat a course other than a UCOR, UFDN, or WRI course more than once by submitting a [registration petition](#) (PDF), accompanied by a statement from the course instructor, to Student Academic Services.

The highest grade earned at SPU in a repeated course (or an equivalent SPU course) will apply to both the GPA

for graduation and for honors at graduation. The original and repeated course will still appear on the transcript. Note that for students on academic probation, the quarterly SPU GPA that determines a student's academic standing will take into account the entire SPU GPA from that quarter, including grades being excluded from the cumulative SPU grade point average.

Only courses taken at SPU will be used to change final course grades. Courses taken at another institution cannot replace an equivalent SPU course for which credit has been received. However, a student who has completed a course at SPU with a passing but insufficient grade may be able to transfer a course to SPU with zero credit in order to prove competence in the course content. See [Zero Credit Transfer Policy](#) for more information.

Limitations on Credit Applicable Toward a Degree

- **Seattle Pacific University will accept no more than 90 credits** combined total from two-year colleges, unaccredited institutions, advanced standing for international 13th year, and approved testing programs such as AP, Cambridge International, CLEP, and IB.
 - **Of those 90 credits**, no more than 45 credits may come from advanced standing for 13th year and exam programs, including SPU's Credit by Exam.
- **Credit for military service** is limited to 3 credits of physical activity for basic training.
- **Credit will not be transferred for experiential learning** or work experience.
- **You may earn no more than 30 credits from other institutions** after matriculating at SPU, with the exception of courses earned through a pre-approved [study abroad](#) program.
- **At least 25 of your final 45 credits for the degree** must be earned through SPU, with the exception of approved [study abroad](#) credits.
- **Except when participating in approved study abroad**, you may not take courses concurrently from SPU and another institution during the regular academic year (Autumn through Spring quarters).
- **You may enroll in 5000-level courses**, but they will not apply to undergraduate degree program requirements at SPU, nor are these courses eligible for financial aid.
- **Graduate-level courses will not apply** toward an undergraduate degree, except in the case of students formally admitted to the BA in Christian Theology to MA in Christian Theology program.
- **If you are a non-matriculated student**, credits in excess of 45 completed before matriculation at SPU will not apply toward a first undergraduate degree.
- **If you are a non-matriculated student**, credits in excess of 15 taken prior to matriculation at SPU may not be applied to a post-baccalaureate degree.

Leave of Absence

We understand that students may need to take a leave of absence from the University for financial reasons, or for personal considerations such as illness within families, medical reasons, or for special educational opportunities not available at Seattle Pacific University.

Term-based, credit-hour institutions such as Seattle Pacific University, as a rule, do not meet the conditions for a federally approved leave of absence. Therefore if the student is receiving federal financial aid and withdraws or takes a leave of absence from the University, the student may be subject to the federal Return of Title IV and state financial aid return policies and to the terms of his or her student loan(s).

International students are bound by particular federal laws with regard to leave of absence; therefore, this policy does not apply to them.

A student will be required to re-apply to SPU if she or he is away from the University for four or more quarters (including summer quarter), unless participating in a pre-approved yearlong study abroad program. Students do not apply for readmission to SPU if they take a leave of fewer than four quarters. A student gone for fewer than four quarters will be responsible to complete the same degree requirements as expected upon his or her first quarter of matriculation at the University.

Unless participating in a pre-approved yearlong study abroad program, student gone for four or more quarters (including summer) will be subject to the degree requirements in effect when he or she is readmitted to the University. The student must apply for readmission and will re-enter the University as a transfer student; however, requirements related to class standing at entrance remain the same as when the student first matriculated. For instance, a student who originally matriculated as a freshman will still be required to complete 8 "W" credits even if the student is readmitted as a junior.

Whether or not a student plans to study elsewhere while on leave from SPU, he or she is expected to complete a leave of absence form and submit it to Student Academic Services. Students approved for leave will maintain their priority registration appointment times upon their return to SPU.

If a student plans to attend another U.S. institution while on leave, the student must gain prior approval for courses from an undergraduate academic counselor in Student Academic Services by completing the [Application for Studying Away in the United States](#) (PDF). Official transcripts of completed work should be sent to Student Academic Services for credit evaluation according to transfer policy. Students studying abroad should follow the procedures outlined by the [Study Abroad Office](#).

A student may earn no more than 30 credits from institutions other than SPU after initial matriculation at Seattle Pacific University, except through pre-approved study abroad or visitor programs.

An associate degree completed at any time after a student first matriculates at SPU will not be recognized toward fulfillment of the Exploratory Curriculum, University Core requirements, or the foreign language proficiency requirement. The only exception to this policy occurs when a student participates in the [Reverse Transfer DTA Associate's Degree](#) agreement.

Students who do not plan to enroll in higher education while on leave complete the [Application for Non-Study Leave of Absence](#) (PDF). The completed application, including a date, signature, and statement of reason(s) for requesting the leave of absence, should be submitted to Student Academic Services.

While a student is on leave of absence, the University will report the student's enrollment status to lenders and loan service entities as "not attending," and a student loan borrower's grace period will begin.

Students on an SPU leave of absence who do not attend school elsewhere for two consecutive quarters (including summer) cannot attend another institution less than half time for two consecutive quarters.

(including summer), or who attend another institution less than half time for two or more consecutive quarters (including summer) will be expected to begin repayment on some or all of their loans. Students are advised to contact their lender(s) regarding their enrollment plans and for repayment information and grace period expiration.

Additional leave of absence policies:

- **Students are not eligible** to reside on campus, attend classes, or participate in regular student campus activities during their absence.
- **Students are responsible** for all prior arrangements with applicable student service offices (i.e., [Student Financial Services](#), [Student Academic Services](#), [University Services](#), [Residence Life](#), [Athletics](#), etc.)
- **Students must keep** the University apprised of their current contact information, including mailing address and phone number while on leave of absence.
- **Students must meet** all regular University deadlines for registration, housing reservations, financial aid applications, and similar matters. Financial aid/scholarship awards and University housing reservations do not automatically carry over.

Non-Discrimination Policy

It is the policy of Seattle Pacific University not to discriminate on the basis of race, color, national origin, sex, age, or disability in its programs or activities, as required by applicable laws and regulations.

As a Christian educational institution affiliated with the Free Methodist Church of North America, Seattle Pacific University is permitted and reserves the right to prefer employees or prospective employees on the basis of religion.

If you have any questions regarding this policy, please contact either of the following persons:

Vice President for Student Life

Phone: 206-281-2481

Campus location: Room 209, Student Union Building

Seattle Pacific University

3307 Third Avenue West, Suite 212

Seattle, Washington 98119-1950

Director of Human Resources / Title IX Coordinator

Phone: 206-281-2809

Campus location: 330 West Nickerson Street

Seattle Pacific University

3307 Third Avenue West, Suite 302

Seattle, Washington 98119-1957

If you believe you may have been discriminated against in violation of this policy, please immediately contact one of the individuals designated above. Violations of the University's nondiscrimination policies should be reported as soon as possible after the alleged action for possible resolution, investigation, and corrective action (if necessary). Complaint procedures are available in the [online Student Handbook](#). Copies of the complaint resolution procedures may also be obtained from the above designated individuals.

If you have a question regarding the application of Title IX of the Education Amendments of 1972 and its implementing regulations, which prohibit discrimination on the basis of sex in education programs and activities, you may contact the University's [Title IX Coordinator](#) or the U.S. Department of Education's Office for Civil Rights. For complaints regarding sexual harassment, sexual assault, or other sexual misconduct, refer to the University's [Sexual Misconduct Policy](#).

Registration

- [Adding and Dropping Classes](#)
- [Auditors](#)
- [Extended Registration Deadlines](#)
- [Independent Study](#)
- [Internship Program](#)
- [Non-Matriculated Students](#)
- [Registration Petitions](#)
- [Student Holds](#)
- [Summer Registration Deadlines](#)
- [Veterans](#)
- [Waitlisting Closed Classes](#)
- [Web Registration](#)

If you have additional questions about your registration, contact Student Academic Services at sasinfo@spu.edu or 206-281-2031.

Adding and Dropping Classes

Students may not attend or sit in classes unless officially registered, whether or not the student intends to receive credit for the class. Exceptions to this policy may be granted, with instructor approval, for members of the community to participate in music ensembles and for SPU Theatre program alumni to participate in theater productions. In all other cases, a person who wishes to attend a course but not receive a grade must officially register as an auditor and pay for the course.

Students are permitted to add courses with the regular registration deadline [online](#) until 11:59 p.m. on the fifth day of the quarter. Courses with extended registration deadlines (see above) have an online registration deadline of the 10th day of the quarter at 11:59 p.m.

Students are able to drop classes online through the 10th day of the quarter. Withdrawal from a course between weeks two and seven of the quarter will be noted with a "W" (withdrawal) on the transcript. The final deadline for withdrawing from courses is the seventh week of the quarter. Read complete information [here](#) about withdrawing from a course or withdrawing completely from the University.

Specific dates for these registration deadlines are listed in the [University Academic Calendar](#). Students who are receiving financial assistance are encouraged to speak to a [Student Financial Services](#) representative before making a change in course load.

A primary function of the Registrar's Office is to uphold academic integrity by ensuring that records of a student's course registration, course completion, and grades are accurate and comprehensive. Therefore, academic history data are not subject to erasure by request under the European Union General Data Protection Regulations or any other regulation.

By enrolling in undergraduate courses at SPU, students agree to comply with the expectations, policies, and procedures in the Student Handbook, including the [Student Standards of Conduct](#). Non-registrants in music ensembles and theater productions also must comply with these expectations, policies and procedures..

Auditors

Students may not attend or sit in classes unless officially registered, whether or not the student intends to receive credit for the course.*

A person who wishes to attend class but who does not desire credit is an auditor. With approval from the instructor, auditors may register to audit many undergraduate courses. Students may change from audit to credit or vice versa in person in Student Academic Service, Demaray Hall 151, through 4:30 p.m. on the fifth day of the quarter.

Auditors may neither participate in class discussions nor take examinations. If they do daily assignments, the instructor is under no obligation to read or correct them. Courses that are audited do not count toward financial aid. Students who are unable to remain at the University because of low grades, and new applicants who do not qualify for admission, may not register as auditors. A student may receive credit for an audited course only by enrolling in it as a regular student in a subsequent quarter. Tuition rates for auditors will be equal to the tuition credit rate.

*Exceptions to this policy may be granted, with instructor approval, for members of the community to participate in music ensembles and for SPU Theatre program alumni to participate in theater productions. In all other cases, a person who wishes to attend a course but not receive a grade must officially register as an auditor and pay for the course.

By enrolling in undergraduate courses at SPU, students agree to comply with the expectations, policies, and procedures in the Student Handbook, including the [Student Standards of Conduct](#). Non-registrants in music ensembles and theater productions also must comply with these expectations, policies and procedures.

Extended Registration Deadlines

Students may require extra time to get special paperwork completed for certain classes (e.g., Independent Study, Internship), work on a special assignment (e.g., independent projects or research), audition (e.g., for certain performance groups), or set up individual instruction. For these types of courses, students are allowed to register through the 10th day of the quarter, which is identified in the [University Academic Calendar](#).

To see if this extended registration deadline applies to a specific course, contact [Student Academic Services](#). Courses with the extended registration deadline have until the 10th day of the quarter, at 11:59 p.m. to register online, or a deadline of 4:30 p.m. in the Student Academic Services office.

Registration processes for Independent Study courses must be completed in Student Academic Services and cannot be accomplished over the web. Students must come to SAS with a completed Independent Study contract, or scan and email or fax in their Independent Study Contract form to register for these classes. Internship applications are managed online through the Center for Career and Calling's [Handshake](#) site. When an Internship application is approved online, Student Academic Services will take care of registration for the student.

Internship Program

Internships seek to integrate academic studies with practical work experience. Designed to be an integral part of your academic program, the Internship Program allows you to earn credits for learning gained in a work setting. Internships may be paid or unpaid.

All internships follow the registration deadlines set forth in the [Academic Calendar](#) for extended deadline academic courses. Students must receive approval for internship credits before beginning the internship, and must be working at the internship site during the quarter for which credit is granted. You cannot apply to enroll in an internship after the internship has been completed.

Careful supervision of your progress toward learning objectives is a key component of an internship, and a successful experience is built on a partnership between you, your faculty sponsor, and employer.

- **Minimum requirements for participating in the Internship Program** include matriculation at the University, and completion of at least one quarter of coursework.
- **You can participate in an internship for career exploration**, as well as to gain essential professional experience.
- **Internship experience facilitates your growth in skills** such as communication, problem solving, and analysis.
- **Internships also give you growth in skills specific** to professional disciplines.

It is the quality of the placement and supervision and the emphasis on your development of critical thinking and other skills that distinguish internships from other part-time or volunteer work programs.

Each school sets specific prerequisites for participation in internships. Generally 30 hours of internship work equate to 1 academic credit. Internship opportunities may be at accounting firms, advertising agencies, banks, high-tech companies, medical research labs, performing arts organizations, retail stores, schools, human-service agencies, and other types of organizations.

The [Center for Career and Calling](#) coordinates the process of finding and securing internships. To find out more, visit the Center for Career and Calling in the Student Union Building, Second Floor, [visit their website](#), or call 206-281-2485.

Credit by Examination

Currently enrolled matriculated students may take special examinations in approved academic subject matter offered by Seattle Pacific University to gain credit without being enrolled in specific courses. The policies and procedures for obtaining permission and filing the [Credit-by-Exam request](#) (PDF) are available here and in Student Academic Services.

- **You must be admitted to SPU** and enrolled for the current quarter.
- **You may receive credit by examination** for any coursework that has been completed following high school graduation for which you have no formal record.
- **You may be tutored by a private instructor** and challenge a course for credit by examination.
- **You may not receive credit by examination** for a course for which you have previously received credit or in which you earned an E, N, NC, G, Audit, or I grade at SPU.
- **You may not receive credit by examination for a course** in which you are enrolled.
- **You may not receive credit for a lower-level or prerequisite course** when credit has already been received in a higher-level course.
- **You may not repeat** an examination for credit.
- **You are entitled** to only one consultation with the professor administering the test.
- **You must pay for all special exam fees** prior to scheduling and taking the exam.
- **You may earn a maximum of 45 quarter credits** by examination, including SPU Credit by Exam, Advanced Placement (AP), Cambridge International Exam (CIE), College Level Examination Program (CLEP), International Baccalaureate (IB), National Council Licensure Exam for Registered Nurses (NCLEX), or any international “13th year” exam.
- **The required minimum 45 credits in residence for your degree** may not include SPU’s credit by exam or credit awarded for external examinations.

Registration Petitions

It is expected that all students adhere to registration deadlines and policies. However, students may petition for exceptions to regular policies and procedures. The petition process provides students and faculty with the possibility of a response outside the normal bounds of policy when extenuating circumstances are judged to warrant such a response. Extenuating circumstances include illness, injury, death in the family, or problems with immigration.

Registration holds unresolved by the deadline or poor performance in a class do not constitute extenuating circumstances and are not grounds for petition. The petition must not only voice the request, but must also substantiate the validity of the request.

[Registration petition forms](#) (PDF) are available online. Instructions for completing the petition process are listed on the form.

A student pursuing late registration for a course must seek the instructor's permission to attend class while the registration petition is pending. In all cases, the final decision to approve or deny a petition will be made by [Student Academic Services](#). SAS reserves the right to deny any petition for any reason. Each approved petition is subject to a \$50 change of registration fee.

Registration Restrictions

Registration restrictions have been designated for certain courses. The registration restrictions may be based on student level, student classification, or declared major.

- **The phrase “Class open to”** identifies who may register for the course.
- **The phrase “Class not open to”** identifies who may not enroll in the course.

Web Registration

In order to attend classes at Seattle Pacific University, you must formally register. Most students choose to register for classes online through the [Banner Information System](#).

Registration for admitted students currently in attendance will begin during the last few weeks of the preceding quarter, and online registration will end on the fifth day of the quarter at 11:59 p.m. Students may register for classes with an extended registration deadline online through 11:59 p.m. on the 10th day of the quarter. Courses with an extended registration deadline are identified in the [Time Schedule](#) within the course details section of each class listing.

Registration dates for newly admitted students and non-matriculated students are listed in the [University Academic Calendar](#).

A late registration fee of \$50 may be charged for late registration.

If you are an enrolled, matriculated student, Student Academic Services will send you an email the week before the registration period begins, notifying you that you have been assigned a registration time for the upcoming quarter. You will be instructed to check your registration time through the Banner Information System.

Once online registration has ended, students who wish to withdraw from one or more classes must come to [Student Academic Services](#) (SAS), or scan and email, or fax in, a written request to withdraw from classes. Undergraduate students are required to have instructor permission to drop a course after the tenth day of the quarter.

Waitlisting Closed Classes

You have the option of waitlisting online, via Banner, most classes that are full. If a spot opens up for you, the automated Banner process will generate an email to your SPU email address with a deadline for you to take action on your registration. Typically, this deadline will be 24 hours; however, it may be extended for school breaks and shortened during the first week of the quarter.

When Banner emails you, if you still want the spot in the course, you will access your own registration in Banner and add yourself to the course. If you miss your window to register for the course you will need to re-add yourself to the waitlist. When you re-add yourself you will be added to the bottom of the waitlist. With few exceptions, the waitlist works on a first come, first served basis.

The automated process that generates emails to waitlisted students begins running after the scheduled "buffer" (a period of a few days after advance registration for continuing students) and goes through 11:59 p.m. on the fifth day of the quarter. Refer to the [University Academic Calendar](#) for these dates.

If you have questions about the waitlist process, contact Student Academic Services at sasinfo@spu.edu or 206-281-2031.

Veterans

Seattle Pacific recognizes those who have honorably served or are currently serving in the United States Armed Forces by awarding priority registration in recognition of their duty and sacrifice.

Priority registration allows veterans, active duty service members, and reservists to schedule classes ahead of the general student population.

Questions? Contact [Student Academic Services](#) at 206-281-2031 or sasinfo@spu.edu.

Independent Study

Independent study courses are courses in which a student does specific work independently with an instructor, as outlined in the official [Independent Study Agreement](#) (PDF). Independent studies are primarily intended as an opportunity for you to study a topic not covered in an actual course in the University Catalog. Only matriculated students at Seattle Pacific University may register for independent study.

The Independent Study form must be completed by you and signed by the instructor and the dean or department chair. You and the instructor must meet on a regular basis for the number of consultations noted in the agreement. Work for an independent study occurs outside of the classroom setting.

An independent study should be created only when a needed class is not available for a particular quarter, or when a student cannot accommodate a class in his or her schedule. Students should not attend a class being offered and use that as part of the independent-study credits.

REGISTERING FOR AN INDEPENDENT STUDY

Registration for an independent study must be submitted to [Student Academic Services](#) no later than the 10th day of the quarter (see the [University Academic Calendar](#) for specific dates). Student Academic Services will create the course as noted on the agreement. Copies of the agreement will be forwarded to you and the instructor.

Course Numbering System

Below college-level courses, numbered 0001–0199, are not applicable to SPU degrees.

Lower-division courses, numbered 1000–2999, are primarily for freshmen and sophomores.

Upper-division courses, numbered 3000–4999, are primarily for juniors and seniors.

5000-level courses may not be applied toward an undergraduate degree.

6000-level courses, apply toward master's degrees; they may not be applied toward an undergraduate degree, except toward the Christian Theology major of a student formally admitted to the BA in Christian Theology to MA in Christian Theology program.

7000-level courses, apply toward doctoral programs; they may not be applied toward an undergraduate degree.

Student Holds

Holds are placed on a student's account for different circumstances. Each hold prevents basic University privileges, such as, but not limited to, the right to register, add/drop classes, or receive diplomas. Listed below are the types of holds that are placed on accounts and the offices to contact regarding them:

Type of Hold: Office

- **Academic Dismissal:** Student Academic Services
- **Academic Probation:** Student Academic Services
- **Account Deposit Required:** Office of Admissions
- **Advance Payment Needed:** Office of Admissions
- **Center for Learning:** Center for Learning
- **Health History or Immunization Required:** Health Center
- **Housing or Meal Plan Issue:** University Services
- **I-9 Form:** Student Financial Services
- **Incorrect Address:** Student Academic Services
- **Judicial/Behavioral:** Student Life
- **Meet With Faculty Advisor:** See your faculty advisor
- **New Student Advising:** Student Academic Services
- **No Schedule Changes Allowed:** Student Academic Services
- **Past Due Account:** Student Financial Services
- **Registrar's Hold:** Student Academic Services
- **SFS Account Severely Past Due:** Student Financial Services
- **SFS Past Due Loans:** Student Financial Services
- **Unapproved Housing:** University Services

Non-Matriculated Students

If you are not seeking a degree at Seattle Pacific, but wish to take courses, you may be able to do so as a non-matriculated student. Below are policies related to non-matriculated students:

- **There is no application fee** to become non-matriculated.
- **If a student decides to pursue a degree or certificate program at SPU**, he or she is required to go through the normal admissions process.
- **No more than 45 credits** taken as a non-matriculated student may apply toward an undergraduate degree.
- **No more than 15 such credits** may be applied to a post-baccalaureate degree.
- **The maximum credit load** per quarter is 18 credits.
- **Registration for non-matriculated students takes place after** matriculated students have had a chance to register. Registration dates for non-matriculated students are listed in the [Academic Calendar](#).
- **By enrolling in undergraduate courses at SPU**, students agree to comply with the expectations, policies, and procedures in the Student Handbook, including the [Student Standards of Conduct](#).
- **Non-matriculated students** are not eligible to receive financial aid and will pay regular tuition for courses on a per-credit basis.
- **Veterans** may not be able to receive benefits through the G.I. Bill®.
- **Non-matriculated international students** who are non-native English speakers* must submit an acceptable official English proficiency test score to Student Academic Services in Demaray Hall 151 in order to register for classes. In addition, they must submit required government documentation to International Student Services no later than the first day of the quarter in which they are enrolled.
- **Non-matriculated students are not eligible** to participate in clubs or student government organizations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at benefits.va.gov/gibill.

To register as a non-matriculated student, complete the [Registration Form for Non-Matriculated Students](#) (PDF) and submit to Student Academic Services (SAS) to be processed.

This form asks for directory information, your social security number, your date of birth, requested courses, and your signature. It is important to indicate all current contact information so that the student may receive information from SPU departments. The University will review the completed form to determine whether you will be permitted to take courses as a non-matriculated student.

Course offerings can be found in the [Time Schedule](#). Students should note that some courses may not be available to non-matriculated students and/or that some courses may have registration restriction or required prerequisites.

*SPU considers an international student to be a native English speaker if both their primary and secondary education took place in Australia, Canada (other than Quebec), Great Britain, Ireland, New Zealand, or the U.S. (other than Puerto Rico).

Summer Registration Deadlines

Adding classes: You must register prior to the first day of the course. Registrations will not be accepted once a course has begun.

Dropping classes: You must drop a course before the class ends. Once the course has ended, students will not be allowed to withdraw.

Summer Session internships, independent studies, and individual instruction in music have an extended registration deadline. Please check the [Summer website](#) for specific dates and deadlines.

Academic Probation

An undergraduate student attempting five or more credits at SPU will be placed on probation level 1 when his or her total SPU cumulative grade-point average first falls below a 2.0. The student is removed from academic probation status at the end of the quarter in which she or he raises the SPU cumulative grade-point average to 2.0 or above.

When a student leaves the University while on academic probation, the student resumes the same probation status upon returning as when leaving. The student is removed from probation at the end of the quarter in which a cumulative SPU GPA of 2.0 or better is achieved. No student will receive a degree until he or she is removed from academic probation.

The *quarterly* SPU GPA that determines a student's academic standing will take into account the entire SPU GPA from that quarter and will not exclude grades from repeated courses in which the student earned equal or higher grades in past quarters.

PROBATION LEVEL 1

Students on probation level 1 are asked to complete an [Academic Reflection Survey](#) and meet with their academic counselor in Student Academic Services to develop a plan that outlines goals and appropriate means to meet those goals toward achieving academic success. This meeting must occur before the fifth day of the quarter. Students also are encouraged to meet with their faculty advisors.

If, after a second quarter, a student's cumulative SPU GPA remains below 2.0 and the quarterly GPA is below 2.0, the student will be placed on probation level two.

PROBATION LEVEL 2

A student on probation level 2 may not enroll in more than 13 credits. Again, students are asked to complete an [Academic Reflection Survey](#), meet with an academic counselor and faculty advisor. These students also may be required to meet with staff in the [Center for Learning](#) to discuss study skills and time-management strategies.

If a student on probation level 2 does not earn a quarterly GPA of 2.0 or raise his or her cumulative GPA to 2.0, the student will be dismissed from the University. The academic dismissal will be noted on the student's academic record.

ACADEMIC DISMISSAL

An academically dismissed student can [apply for reinstatement](#) after two quarters away from Seattle Pacific University (which can include summer). Comprehensive details about [academic dismissal and reinstatement](#) are found on the Student Academic Services website.

ACADEMIC REINSTATEMENT

A student who is granted reinstatement will still be considered on academic probation level 2 upon re-entry until his or her cumulative SPU GPA is a 2.0 or higher. A reinstated student will be dismissed if he or she fails to attain either a quarterly GPA of 2.0 or higher or a cumulative SPU GPA of 2.0 or above by the end of the first quarter back.

If a student on academic probation leaves the University, that person resumes the same probation status upon returning as when leaving. The student is removed from probation at the end of the quarter in which a cumulative

returning to full standing. The student is removed from probation at the end of the quarter in which a cumulative SPU GPA of 2.0 or better is achieved. No student will receive a degree until he or she is removed from academic probation.

ACADEMIC WARNING

In addition to tracking students' total SPU GPA, the University monitors their quarterly SPU GPA so that resources may be offered to students showing signs of academic struggle. Therefore, students may be placed on **Academic Warning** if they do not earn a quarterly GPA above 1.30 in a quarter in which they attempt at least five credits. A student on Academic Warning may be required to meet with either an academic counselor or student-support staff before a registration hold applied to the student's records will be lifted.

Blakely Island Field Station

Timothy Nelson, PhD, Director

In 1977, the University was given 900 acres of land and granted an open-space conservation easement on another 3,000 acres on Blakely Island, which is in the San Juan archipelago of northwestern Washington.

PROGRAMS

The Blakely Island Field Station serves as the teaching site for upper-division biology courses in marine, aquatic, and terrestrial ecology; and oceanography, introductory biology, and astronomy for non-science majors. Research conducted by faculty and students has included baseline surveys of major island habitats, and the ecology of lakes, marine bays, and forests.

ISLAND AND FACILITIES

Although only a few miles from the mainland, the island is isolated and home to only a few year-round residents. Facilities include a dining hall-library-classroom building that accommodates 24 students and staff, a residence hall with 10 double-occupancy rooms, and a dive shop.

The island is surrounded by lush kelp forests, eelgrass meadows, and spectacular rock walls. These sub-tidal and inter-tidal habitats support a diversity of sea seeds, invertebrates, fish, and marine mammals.

In the island interior, the lakes provide habitat for river otters, herons, kingfishers, bald eagles, and osprey, as well as a diverse invertebrate fauna. The terrain is rugged, rising sharply from sea level to more than 1,000 feet, and it supports several distinctive forest types.

For a complete listing of courses offered at Blakely Island Field Station, visit the [BIFS website](#), or contact Dr. Timothy Nelson, field station director.

Blakely Island Field Station

Timothy Nelson, Director, Biology Department

Blakely Island, Washington

E: tnelson@spu.edu

P: 206-281-3640

W: spu.edu/blakely

September Session

September Session is a period of several weeks beginning after summer session ends and prior to start of the regular autumn term. September Session provides an opportunity for you to enroll in unique or specialty courses, including short-term study abroad Global Seminars.

Credits taken during September Session count toward your Autumn Quarter credit load, and you can apply your financial aid toward these classes. Note that if you take more than 18 credits total during September Session and Autumn Quarter, you will be charged for the overload.

September Session allows flexibility and opportunity for our students who may want to catch up on credits, or move toward degree completion more quickly. [Learn more](#) about September Session.

Student Class Status

Matriculated students

Matriculated students are those who have fully met the requirements for admission and have registered for courses in the quarter for which they were admitted. Undergraduate, post-baccalaureate, and graduate definitions assume that students have been admitted to the University. Matriculated students are classified at the beginning of each quarter according to the following designations:

Undergraduate students

- **Freshman:** 1–44 earned credits, including SPU credits and accepted transfer work.
- **Sophomore:** 45–89 earned credits, including SPU credits and accepted transfer work.
- **Junior:** 90–134 earned credit, including SPU credits and accepted transfer work.
- **Senior:** Minimum 135 earned credits, including SPU credits and accepted transfer work. (Senior status does not necessarily ensure graduation with the senior class of students.)

Post-baccalaureate students

Students who have already received a baccalaureate degree and are seeking a second bachelor's degree or initial teacher certification are considered post-baccalaureate students. Admission to this classification is by application only.

Graduate students

Graduate students are master's or doctoral candidates. Admission to this classification is by application only. Seattle Pacific offers a variety of graduate and doctoral degrees.

Non-matriculated students

Students not seeking a degree who are allowed to attend SPU without submitting the credentials required for admission with regular status are non-matriculated. The maximum credit load per quarter is 18 credits.

No more than 45 credits taken as a non-matriculated student may apply toward an undergraduate degree, and no more than 15 such credits may be applied to a post-baccalaureate degree, nor can more than 9 such credits apply toward some graduate degrees. A later decision to work on a degree or certificate program will necessitate formal application and admission to the University as a matriculated student.

Non-matriculated students who are not native speakers of English must [meet stated criteria or prove English proficiency](#) before enrolling.

For more information about policies governing non-matriculated students, see [Registration](#).

Student Records and Confidentiality

Certain items of information about individual students are fundamental to the educational process and must be recorded. This recorded data concerning students is used for only clearly defined purposes and is safeguarded and controlled to avoid violations of personal privacy.

SPU has the responsibility to effectively supervise any access to and/or release of official information about its students. In this regard, SPU is committed to protecting the right of privacy of all individuals about whom it holds information, records, and files. Access to such records is restricted to the student concerned, to parents of a dependent student, to others with the student's written consent, to officials within the University, and to a court of competent legal jurisdiction.

The following policies have been established to comply with the [Family Educational Rights and Privacy Act](#) of 1974 (hereafter referred to as the "Act"):

Public information

The Act provides that public "directory information" about a student may be made available to third parties without permission of the student. However, public notices must be given of intent to publish the information, so that those students wishing to withhold information from public access (such as an unlisted telephone number) may do so.

Release of information

With the exception of directory information, no information in any student file may be released to any individual or organization without prior written consent of the student. When disclosure of information is mandated by court order or subpoena, the staff member receiving such orders must immediately notify in writing the student concerned, prior to compliance with the legal order.

Information from University records about students is released for approved research purposes only if the identity of the student involved is fully protected.

Student access

With certain exceptions, official student information collected and maintained by SPU is available for inspection and review at the written request of the student. Clarification of exceptions may be obtained by contacting the university registrar.

A request for general access to all official records maintained by the University must be made in writing to the university registrar. A request for access to information maintained by a particular office may be addressed to the administrative head of that office. When making such a request, the student must provide proper identification.

The designated staff person must supervise the review of the contents of the record with the student. The student is free to make notes concerning the contents, but no material may be removed from the record. Student requests for access to appropriate information must be granted within 45 days of the written request.

If health reasons or extreme distance from the University prevent the student from inspecting the education record, then copies of specific education records will be made. The student must pay all copying expenses in advance of release of the record. Unless stipulated otherwise in the University's current Undergraduate Catalog, all copies are 25 cents per page.

CONFIDENTIALITY

The University allows any enrolled student the option of becoming **confidential** in the computer system to protect his or her identity from outside sources.

A request for confidentiality must be submitted in person to Student Academic Services. When an SPU student requests their records and identity to be flagged as confidential, the following ramifications may apply:

- **The University will respond to inquiries** about the confidential student as though the student is not known at the University.
- **The confidential student may not obtain any information** about records over the telephone, but must appear in person with proper identification to make any inquiry.
- **The confidential student will not appear** in any student publications or listings, including, but not limited to, the Commencement brochure and the online directory.

Student loan agencies may have difficulties accessing information necessary to carry out their functions. Since the University will not be able to confirm attendance, the confidential student's loans could possibly be placed into repayment status.

Before graduation

- **A student graduating from the University** should remove the confidentiality status at the time of graduation or at the time he or she leaves the University.
- **If the confidentiality status is not removed**, the student may have difficulty obtaining information, and staff may be unable to identify them quickly or easily.
- **If the confidentiality status is not removed**, this confidential status could prevent future employers from gaining access to educational records.

Students who wish to remove their confidential status must come in person to Student Academic Services with proper identification.

STUDENT CORRECTION OF EDUCATION RECORDS

A primary function of the Registrar's Office is to uphold academic integrity by ensuring that records of a student's course registration, course completion, and grades are accurate and comprehensive. Therefore, academic history data are not subject to erasure by request under the European Union General Data Protection Regulations or any other regulation.

Students who believe that information contained in their education records is inaccurate, misleading, or violates privacy or other rights, may request that the University amend the records. The first step is to contact the [university registrar](#) or records custodian.

The University will decide within a reasonable period of time whether or not to comply with the student's request. If the University declines to amend the student's records, it will inform him or her of the right to a hearing. Upon written request, the University will provide an opportunity for a hearing to deliberate the student's case. However, a hearing may not be requested by a student to contest the assignment of a grade.

If the hearing panel determines that the student's challenge is without merit, the student may place in his or her record a statement commenting upon the information and setting forth reasons for disagreeing with the University's decision. For more information, view a complete copy of the [University's policy concerning the Act](#).

Students have the right to file complaints concerning alleged failures by the University to comply with the requirements of the Act.

Such complaints should be addressed to

**Family Policy Compliance Office
Department of Education
400 Maryland Ave. SW
Washington, D.C. 20202-5901**

Transcripts

Both official transcripts and unofficial transcripts can be released to students upon request. Transcripts are released only on written authorization or electronic authorization (via the [Banner Information System](#)) of the student whose records are requested. Although a copy of the transcript may be requested at any time, updated transcripts will be available after final grades have been submitted and recorded.

Transcripts contain a student's entire academic history while at SPU.

- **Below college level** work (0001–0999 courses)
- **Undergraduate** work (1000–4999 courses)
- **Professional advancement** courses (5000–5999)*
- **Graduate** work (6000–7999)
- **Continuing education** units (CEU, or non-degree work)

Undergraduate, graduate, doctoral, below college, and CEUs are segregated on separate pages of the SPU transcript.

*The 5000-level designation is designed to accommodate a range of post-baccalaureate and professional development courses. Some of these courses are appropriate to graduate study. For inclusion in graduate programs, individual courses must be approved by the school or division. No more than six credits of 5000-level courses may be applied to any graduate degree. Individual programs may set lower limits. Exceptions in excess of the 6-credit limit can be made only with the approval of the Curriculum Committee and Provost on recommendation of the School or Division dean. 5000-level courses may not be applied to an undergraduate degree.

To order an official transcript, students can make requests by accessing the Banner Information System and selecting the "Student Menu" then "Academic Records Menu" then "Official Transcripts and Enrollment Verifications." Following the "Click Here" prompt will direct the student to the National Student Clearinghouse website. Credit card payment is required.

To view an unofficial transcript, students can access the Banner Information System and select the "Student Menu" then "Academic Records Menu" then "Unofficial Transcript." Unofficial transcripts are free of charge.

For more extensive information about ordering transcripts, see [Student Academic Services](#).

A primary function of the Registrar's Office is to uphold academic integrity by ensuring that records of a student's course registration, course completion, and grades are accurate and comprehensive. Therefore, academic history data are not subject to erasure by request under the European Union General Data Protection Regulations or any other regulation.

Withdrawals

WITHDRAWAL FROM CLASSES

The policy for withdrawing from a class is as follows:

- **A withdrawal from a course** during the first week of the quarter will not appear on the transcript.
- **A withdrawal from a course** during weeks two through seven of the quarter will be noted with a "W" (withdrawal) on the transcript.
- **Students are able to drop classes online** through 11:59 p.m. on the tenth day of the quarter.
- **During weeks three through seven** students may drop a course online through their Banner as described in [these instructions](#) provided by Student Academic Services..
- **Deadlines for course withdrawals** are listed on the [University Academic Calendar](#).
- **No withdrawals are accepted after the seventh week of the quarter.**
- **If a student does not provide proper** written notification to Student Academic Services, financial obligations will remain binding, regardless of whether classes were attended or whether any contracted services were utilized.
- **If a student does not withdraw** from a course by the end of the seventh week of the quarter, but stops attending the course, the student will receive the grade earned.
- **Should the student desire to complete** the course during a future quarter, the student will be required to register and pay the current tuition for the course.

WITHDRAWAL FROM SEATTLE PACIFIC UNIVERSITY

A student who desires to withdraw from Seattle Pacific University should [follow the instructions found here](#). If registered for courses at the time of withdrawal from the university, the student is subject to the policies and procedures outlined above in the "Withdrawal from Classes" section of this catalog.

Refunds and adjustments to the student's account are governed by the financial policies listed in [Costs and Financial Aid](#).

A student who is registered but does not attend classes is responsible to cancel his or her registration online in Banner during the first ten days of the quarter or to contact Student Academic Services in writing to request withdrawal from courses. The date this withdrawal takes place will determine the amount of refund, where applicable.

If a student fails to withdraw through Student Academic Services by the end of the seventh week of the quarter, the student will receive the grade earned and possibly no refund.

To be eligible for a refund of parking fees, the student must inform the [Office of Safety and Security](#). Parking refunds are calculated in accordance with the tuition refund policy.

ADMINISTRATIVE WITHDRAWALS

Student Academic Services will administratively withdraw a student from a course due to one of the following circumstances:

- **The course was cancelled** and all enrolled students needed to be withdrawn.
- **The student did not meet the prerequisite** after grades were submitted at the end of the prior quarter.
- **The student is repeating a course** for a second time and has not received instructor permission to stay in the class.
- **The student is repeating a course** in which they previously received an A grade.

Student Financial Services has the right to have a student completely withdrawn from classes due to an unpaid balance.

Veterans' Benefits

Seattle Pacific undergraduate and graduate academic programs of study are approved by the Washington State Approving Agency (SAA) for enrollment of those eligible for benefits under Title 38 and Title 10, U.S. Code.

Seattle Pacific courses numbered 5000-5999 are not approved by the Washington State Approving Agency for enrollment of those eligible for benefits under Title 38 and Title 10, U.S. Code, unless the courses count toward a graduate program.

Seattle Pacific recognizes those who have honorably served or are currently serving in the United States Armed Forces by awarding priority registration in recognition of their duty and sacrifice. Priority registration allows veterans, active duty service members, and reservists to schedule classes ahead of the general student population.

In accordance with Title 38 US Code 3679 subsection (e), Seattle Pacific University adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. This school will not:

- Prevent the students' enrollment;
- Assess a late penalty fee;
- Require students to secure alternative or additional funding; or
- Deny the students access to any resources (e.g., access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

However, to qualify for this provision, such students must:

- Submit the Certificate of Eligibility to Seattle Pacific University no later than the first day of class; and
- Prior to the start of every quarter, complete the online [VA Certification Request Form](#).

Students are also expected to make sure that any schedule changes they make remain in compliance with VA regulations.

See more about available resources at SPU:

Visit [Resources for Veterans and Dependents at Seattle Pacific University](#).

Visit [Veteran Students](#) in Student Academic Services.



STUDENT FINANCIAL SERVICES



COSTS



2020–21 Additional Undergraduate Student Fees

2020–21 Undergraduate Tuition and Fees

\$46,728 per year \$15,576 per quarter**Full time**

(12–18 credits per quarter)

\$1,298 per credit**Part time**

(1–11 credits per quarter)

\$1,298 per credit**Over full time**

(19+ credits per quarter)

\$600 per credit**Summer School****Undergraduate mandatory fees****\$195 per year \$65 per quarter****Technology Fee**

full-time student

\$7 per credit**Technology Fee**

Technology Fee

part-time student

**\$321 per year \$107 per quarter
Student Activities Fee**

full-time student

**\$10 per credit
Student Activities Fee**

part-time student

New students: Your advance payment

Admitted students should reserve their place at SPU by submitting their \$200 advance payment on or before May 1st (National Candidate's Reply Date). This payment is required from all students prior to registration. [Make your payment](#) now.

Estimated expenses for 2020–21 full-time undergraduate living on or off campus

	Per Quarter Per Year	
Tuition	\$15,576	\$46,728
Student Activities and technology fees (mandatory)	\$172	\$516
Room and Meal Plan (traditional residence-hall double with a Weekly Block plan)	\$4,229	\$12,687
Textbooks, supplies, average loan fee (for student-loan borrowers), miscellaneous/personal, and transportation average cost	\$1,571	\$4,713
Total	\$21,548	\$64,644

Estimated expenses for 2020–21 full-time undergraduate living with a parent/relative

	Per Quarter Per Year	
Tuition	\$15,576	\$46,728
Student Activities and technology fees (mandatory)	\$172	\$516
Room and board	\$1,343	\$4,029

Textbooks, supplies, average loan fee (for student-loan borrowers), miscellaneous/personal, and transportation average cost	\$1,571	\$4,713
Total	\$18,662	\$55,986

HOUSING FEES: ROOM CHARGES, PER YEAR

Traditional and suite-style residence halls require purchase of a Weekly Block Plan each quarter. Campus houses and apartments, including the Wesley apartments, do not require a meal plan purchase.

Ashton, Hill, and Moyer residence halls (traditional halls)

\$6,921
Double room

\$6,321
Triple room

Arnett and Emerson residence halls (suite-style residence halls)

\$8,961
Single room, private bath

\$8,961
Single room, shared bath

\$7,821
Double room, private bath

\$7,821
Double room, shared bath

\$7,254
Triple/quad room, shared/private bath

Campus houses and apartments

\$8,181

One- or two-person unit

(studio or one bedroom)

\$6,720

Three-or-more-person unit

(two or more bedrooms)

Wesley Apartments

\$8,640

Two-person unit

(one bedroom)

\$7,755

Four-person unit

(three bedrooms)

\$9,180

Four-person unit

(four bedrooms)

MEAL PLAN CHARGES

Traditional and suite-style residence halls require purchase of a Weekly Block Plan each quarter. Block 25, Block 50, and Falcon Funds are priced per purchase and may be renewed at student's discretion.

Weekly Block Plans, per year

\$5,766

Weekly Block 21

\$5,445
Weekly Block 14

\$5,184
Weekly Block 10

\$4,977
Weekly Block 7

Other meal plans, per purchase and renewed at student's discretion

\$591
Block 50

(50 meals in Gwinn; available to students living in campus apartments and commuter students only)

\$309
Block 25

(25 meals in Gwinn; available to students living in campus apartments and commuter students only)

Pay as you go
Falcon Funds

Requires minimum \$5 purchase when purchased by credit card (fees apply); \$25 minimum when purchased through student account

ADDITIONAL UNDERGRADUATE FEES



Office of Student Financial Services
3307 3rd Ave West, Suite 114, Seattle WA 98119
206-281-2061 | 800-737-8826 (toll free)

sfs-info@spu.edu

ADDITIONAL RESOURCES:

mvSPLJ

myC@C

For Parents

For Graduate Students

For Veterans

For Study Abroad

For Undocumented Students

For Faculty/Staff

Costs and Financial Aid

Seattle Pacific University is committed to providing high-quality Christian education at a reasonable price. Financial assistance — including scholarships, grants, student employment, and loans — is available to qualified students on a limited basis.

All expenditures related to educational and support activities are carefully planned and budgeted. SPU [trustees](#), [president](#), and other administrators are committed to a high level of stewardship in the handling of SPU's financial resources, with a goal of maintaining financial stability for current and future students.

All programs and policies at the University are under continual review. Therefore, SPU reserves the right to change its financial aid awards, policies, or charges at any time without previous notice. After the beginning of a quarter, however, no change will be made that is effective within the quarter.

[Student Financial Services](#) provides service to students regarding tuition and fees, payments on accounts, financial aid, student employment, and other financial assistance. While every effort has been made to provide helpful and understandable explanations of the University's fees and financial policies, you still may have questions, and SFS staff is prepared to assist.

UNDERGRADUATE COSTS AND FINANCIAL AID

Your tuition and fees at Seattle Pacific University cover direct instructional costs, as well as a wide range of student and academic support services such as guidance services and social activities. Other benefits include admission to university athletic events. All undergraduate tuition, fees, and other charges stated in this publication are payable in U.S. dollars.

- [2020–21 Undergraduate Tuition and Fees](#)
- [International Student Services Fee](#)
- [Medical Insurance Fees](#)
- [Financial Arrangements and Services](#)
- [Refunds and Account Adjustments](#)

Refunds and Account Adjustments

Registration changes, performed within the time period that online registration is open, may be done through [Banner](#).

If you decide to add or drop courses outside of the normal registration deadlines, you must notify [Student Academic Services](#) in writing by completing a [Registration Petition](#). To reference a current listing of registration deadlines, see the [Academic Calendar](#). Registration Petitions need to be accompanied by a student statement and support/permission from your department or a faculty member. Registration Petitions are also subject to a Change of Registration fee of \$50.

If you plan to withdraw from University housing (i.e., cancel the room and meal plan contract), you must give proper notification to [University Services](#). If you completely withdraw from the University, you must inform [Safety and Security](#) to be eligible for a refund of your parking fees.

If you do not provide proper notification to the University, financial obligations will remain binding, regardless of whether classes were attended or whether or not any of the contracted services were utilized.

Refunds or additional charges for courses are posted to your student account when the official Registration Petition is received and processed or the transaction is completed using Banner. Charges for added courses are made at the full quarter's rate, regardless of when the course is added.

If a student has a credit balance on his or her account (for example, due to an over payment), then the student or the student's authorized parent or legal representative may request a refund. In most cases, all eligible refunds will be remitted to the student.

If there is an owing balance on the account or a past-due balance on a campus-based loan program, such as the SPU Institutional, Federal Perkins, and Federal Nursing Student Loan programs, in most cases, the refund will first be applied against the owing balance.

In the event that enrollment changes result in a refund, tuition will be refunded according to the schedule that follows.

Any questions regarding tuition refunds should be directed to [Student Financial Services](#).

SCHEDULE OF TUITION REFUNDS FOR CLASSES

Refund Schedule for the Regular Academic Year—Autumn, Winter, and Spring Quarters

- **First week of the quarter:** 100%
- **Second week of the quarter:** 75%
- **Third week of the quarter:** 50%
- **Fourth and fifth weeks of the quarter:** 25%
- **Sixth and following weeks of the quarter:** 0%

Note: A week is defined as five business days beginning on the first day of each quarter. Specific dates for refunds are available on the [Academic Calendar](#).

Tuition refunds and adjustments

Example One

A student who was originally enrolled for 15 credits drops one 3-credit course the third week of class. There is no

Example Two

A student who was originally enrolled for 13 credits drops one 3-credit course the second week of class. The refund is as follows:
Full tuition (13 credits)
Tuition for 10 credits (\$1,298 x 10)
Difference
75 percent refund
Tuition due on dropped course

Example Three

Assume the above student drops a 5-credit course the second week of class. The refund is as follows:
Full tuition (13 credits)
Tuition for 8 credits (\$1,298 x 8)
Difference
75 percent refund
Tuition due on dropped course

Example Four

A student who was originally enrolled for 11 credits drops 2 credits and at the same time adds 3 credits during the second week of class. The refund is as follows:
Old level: 11 credits (\$1,298 x 11)
New level: 12 credits
Additional due

Example Five

A student completely withdraws from all courses in the second week:
(Full tuition 13 credits)
75 percent refund
Student owes

Summer Session Refund Schedule

If you withdraw from one or more summer courses and want a refund, you must officially withdraw from the course(s) by submitting the UG Course Drop (Week 3-7) form through your Banner account. Although the form is labeled UG Course Drop (Week 3-7), it will be used for all summer course drops regardless of week. Please see instructions below on how to access this form. The date the form is received in SAS determines the amount of refund. If you don't provide proper written notification to SAS, your financial obligations will remain binding, regardless of whether you attended any classes or used any contracted services.

- **Go to [Banner](#)** > *Student Menu* > *Registration and Class Schedules Menu* > *UG Course Drop (Week 3-7)*.

You may not drop a class after the course has ended.

Seven or Eight-week Sessions

- **Week 1:** 100%
- **Week 2:** 50 %

Three- or Four-Week Sessions

- **Week 1:** 100%
- **After Week 1:** 0%

Short Sessions

- **By second class:** 100%
- **After second class:** 0%

September Session Refund Schedule

If you withdraw from one or more September Session courses and want a refund, you must officially withdraw from the course(s) by filing a [Withdrawal Form](#) (PDF) through Student Academic Services. The date the form is received in SAS determines the amount of refund. If you don't provide proper written notification to SAS, your financial obligations will remain binding, regardless of whether you attended any classes or used any contracted services.

You may not drop a class after the course has ended.

Seven or Eight-week Sessions

- **Week 1:** 100%
- **Week 2:** 50 %

Three- or Four-Week Sessions

- **Week 1:** 100%
- **After Week 1:** 0%

Short Sessions

- **By second class:** 100%
- **After second class:** 0%

EFFECT ON FINANCIAL AID

Dropping courses may affect your current and continued eligibility for financial aid. Please refer to the [Satisfactory Progress](#) section under Financial Aid. It is recommended that you discuss the impact of dropping below 12 credits with your [Student Financial Services counselor](#) prior to completing the drop or withdrawal process.

COMPLETE WITHDRAWAL

If, during a quarter, a student who receives financial aid completely withdraws from the University, the tuition refund is calculated as described above.

However, if the student received, or was entitled to receive, any federal (Title IV) funds, the return of the Title IV funds will be calculated by determining the percentage earned and applying this percentage to the total amount of Title IV assistance disbursed (and that could have been disbursed) to the student for the period of enrollment as of the student's withdrawal date. The percentage of Title IV funds earned is equal to the percentage of the period of enrollment that the student completed as of the withdrawal date if it occurs on or before the completion of 60 percent of the period of enrollment. The percentage of Title IV funds that have not been earned by the student is determined by taking the complement of the percentage of Title IV funds earned. The unearned Title IV funds will be returned to financial aid sources based on federal guidelines in the following order:

- Federal Direct Unsubsidized loan
- Federal Direct Subsidized loan
- Federal Direct PLUS loan
- Federal Pell grants

- Federal Pell grants

- Federal SEOG
- Other Title IV Aid programs, such as a TEACH Grant

Other state, private, or institutional aid will be assessed based on state calculations and/or the amount of refund a student receives.

Drop in credits

If you receive financial aid and drop courses to below a 12-credit load during a given quarter, a reassessment of your financial aid award may be made for that quarter. This may affect the amount actually credited to your account. Contact a [Student Financial Services counselor](#) for further information.

ROOM AND MEAL PLAN REFUNDS

Room deposit refunds
New students
New students who cancel their housing applications by the following dates will receive a refund of their housing de
Autumn Quarter
Winter Quarter
Spring Quarter
Continuing students
Continuing students who contract for Autumn Quarter housing during the spring sign-up process will forfeit their de
Winter Quarter
Spring Quarter
Room and meal plan refund schedule
Students who withdraw from University housing after the beginning of the contract period will forfeit their room de
First week of the quarter*
Second week of the quarter
Third week of the quarter
Fourth and fifth weeks of the quarter
Sixth week of the quarter and following

**The first week of the quarter begins the day residence halls officially open and ends the Monday after the first day of classes. Each successive week runs Tuesday through Monday.*

Transportation Policy

Academic courses usually do not require the transportation of Seattle Pacific University students from campus to another location unless so stated in the course syllabus. If the course or event is to be convened at a remote location, students will be required to provide their own transportation to the site or activities.

Unless specifically stated, the University normally assumes no responsibility for determining transportation of students to the site of a course or to nonacademic activities, whether such activities occur on or off campus.

Student Life



The Office of Student Life, recognizing that learning occurs both in and out of the classroom, is committed to providing educational opportunities and support services in accordance with the University's mission and learning outcomes. Programs and services focus on individuals and groups with the purpose of:

- **Supporting, complementing, and coordinating** experiences consistent with University learning outcomes.
- **Providing opportunities** for campus and community involvement that enhance student development and campus pride (identity).
- **Addressing needs**, overcoming barriers, and developing strategies for success. Facilitating reconciliation in the context of diverse communities.
- **Discovering giftedness and calling** with a purpose of serving the common good. Promoting excellence and values in academics, athletic performance, student leadership, and Christian formation.
- **Developing self-knowledge**, skills, and practices for health, well-being, and effective personal and professional relationships.
- **Understanding and embodying integrity**, civility, and wisdom in order to serve and lead.

For additional information about the Office of Student Life and about expectations and resources for students, please consult the [Student Handbook](#). By enrolling in undergraduate courses at Seattle Pacific University, you agree to comply with the expectations, policies and procedures in the Student Handbook, as amended from time to time.

Catalog Archives

UNDERGRADUATE

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- [2018-19](#)
- [2017-18](#)
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GRADUATE

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Contact Us

STUDENT ACADEMIC SERVICES

Student Academic Services
Seattle Pacific University
3307 Third Ave. W., Suite 113
Seattle, WA 98119-1922

Email: sasinfo@spu.edu

Phone: 206-281-2031

Fax: 206-281-2669

Office: [Demaray Hall](#) 151

Art (BA)

VIEW DEGREE REQUIREMENTS

- [Art: Emphasis in Studio Arts \(BA\)](#)
- [Art: Emphasis in Illustration/New Pictures \(BA\)](#)
- [Art: Emphasis in Photography/Digital Media \(BA\)](#)

The Art major's curriculum provides you with training in the studio arts, illustration or photography/digital media. It also aims to prepare you for both professional practice and advanced study.

- **A minimum 73–92 credits are required for majors in art**, depending on your chosen emphasis, including 37–39 upper-division credits.
- **The Illustration/New Pictures concentration** has sequenced courses and will require a minimum of two years from the start of the admitted Autumn Quarter.
- **Application to this major requires submission of a portfolio** and written statement in addition to the online major application.
- **You will choose one of these emphases:** Studio Art; Illustration/New Pictures; Photography/Digital Media.
- **As a condition of graduation**, you are required to participate in a Senior Exhibition during Spring Quarter of your senior year.

ENTERING AND COMPLETING THE ART MAJOR (ILLUSTRATION/NEW PICTURES, PHOTOGRAPHY/DIGITAL MEDIA, AND STUDIO ARTS)

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **Admission to the Art major (all areas of emphasis) is selective** and based upon prior academic performance and portfolio.
- **If you are a transfer student with class status beyond the sophomore level**, you may apply to the major after an advising/work sample review with the [head of your intended concentration](#). You should be sure to apply in your first quarter at SPU.
- **If this is your first quarter at SPU or you are a continuing student with an SPU GPA of 2.0 or better**, [follow these instructions](#) to apply on Banner.
- **In addition to requesting admission to the major in Banner**, you must also submit the following:
 - **A written statement** on why you are choosing to pursue studies in the Art major. This should be approximately 200 words.
 - **A specified portfolio** for review. (See "Portfolio Guidelines" below.)
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once

for a higher grade.

- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

PORTFOLIO GUIDELINES

The Art major (all areas of emphasis) requires submission of a portfolio.

Before submitting a portfolio, you must apply for entrance to the major in Banner by [following these instructions](#). You should submit the Banner request **after** you have completed the following courses: ART 1105 Art Foundations 1: Surface; ART 1106 Art Foundations 2: Space; and ART 1107 Art Foundations 3: Time. **For equivalency of previous course offerings and/or transfer credits, please consult with the [head of your intended concentration](#).**

Portfolios must include:

- **A declaration that you intend to pursue studies in the Art major** with an emphasis in Studio Arts. Illustration/New Pictures, or Photography/Digital Media.
- **Anticipated date of graduation.**
- **A current transcript.**
- **A document listing the address of your online portfolio.**
- **Required artwork samples:** Three projects from each core course, for a minimum of nine pieces.
- **A current transcript.**
- **Suggested physical artwork samples:** In addition to the on-line portfolio, some programs require the submission of physical artifacts. **Please consult with the [head of your intended concentration](#) for specific requirements.**

The required contents may be emailed to the [head of your intended concentration](#), or these works may be submitted to the Art Department administrative office in a portfolio case large enough to contain all original work. If you are turning in a physical portfolio the exterior of the portfolio should include a document that includes your name, the major for which you are applying, your SPU email address, and your expected year of graduation.

APPLICATION DEADLINES

Freshmen/sophomores: We have a rolling deadline with opportunities to submit your portfolio throughout your freshman and sophomore years. Please notify the [head of your intended concentration](#) to let them know you have submitted your application and portfolio.

For Junior/seniors: The last date to submit your portfolio for entrance into the major for fall admissions is **June 15** prior to the Autumn Quarter you intend to begin the program. The Illustration/New Pictures concentration has sequenced courses and will require a minimum of two years from the start of the admitted Autumn Quarter. Please meet with the [head of your intended concentration](#) to discuss portfolio submission or change of major.

Post-application review process

You will be notified by email of the status and final decision regarding your application. Portfolios can be

You will be notified by email of the status and final decision regarding your application. Portfolios can be collected at the Art Department administrative office during office hours. Criteria for acceptance will be based upon the quality of the work, grades, essay content, and success in academic coursework.

Financial Arrangements and Services

SPU uses the [Banner Information System](#) to process registration materials and complete financial arrangements. After a student registers for classes online or in [Student Academic Services](#), the student is obligated to pay for the contracted services in accordance with the University's current schedule of charges.

The registration contract between SPU and the student remains binding to both parties unless either party terminates the contract pursuant to the applicable catalog procedures (see also [Refunds and Account Adjustments](#)).

STUDENT ACCOUNT SYSTEM

An electronic notification of a statement reflecting tuition and fee charges, miscellaneous charges, payments, and amounts due will be sent to the student's SPU email address and to authorized payers that are set by the student, each month.

It remains the student's responsibility, however, to see that proper payment reaches Student Financial Services by the payment due date. If students need assistance determining the proper amount due, they should contact Student Financial Services to talk with a coordinator.

Students will continue to receive a statement after they withdraw or graduate if they still have an outstanding balance. Statement notifications will continue to be sent to the student's SPU email address. Starting in 1999, SPU email accounts for former students are no longer purged. It is our intention that these addresses persist indefinitely, but we reserve the right to change this policy at some point in the future. If you graduated prior to 1999, your SPU account may have been purged.

Checks for the correct amount due should be made payable in U.S. dollars (\$US) to Seattle Pacific University, and should include the student's name and student identification number. Checks may be delivered in person to Student Financial Services, located in [Demaray Hall](#) 10 or be mailed to:

Seattle Pacific University
 Student Financial Services
 3307 Third Avenue West, Suite 114
 Seattle, Washington 98119-1922

In addition to checks, the University accepts [electronic payments](#) via an e-check (electronic payment directly from a checking or savings account) toward student accounts.

The University does not directly accept any credit cards for payment of student-account balances. Rather, it has arranged for a third-party provider to facilitate this type of payment if desired. Additional fees apply for this service. Students may authorize additional individuals to [pay a student account online](#).

PAYMENT POLICIES

Student Financial Services provides students with payment options. The default option is for students to pay quarterly. Visit the [Payment Options page](#) to view additional payment options.

Quarterly payments

Your remaining balance, after financial aid* is applied, will be due in full with the first payment due date for each quarter.

2020–21 academic year due dates

- **Autumn Quarter:** October 1, 2020
- **Winter Quarter:** January 10, 2021
- **Spring Quarter:** April 10, 2021

If payment in full is not received by these dates, the account will be subject to late fees and registration/diploma holds (see [Late Charges and Payments](#)).

Consult your monthly electronic statements for actual payment amounts due.

*Financial aid, defined

Financial aid includes SPU scholarships, grants, federal grants and scholarships, state grants and scholarships, outside scholarships, student loans, and parent PLUS loans. Work study cannot be used in the calculation of payments. Amount of financial aid listed is random.

STUDENT LOAN ADVOCATE

For information and resources about student loan repayment, or to submit a complaint relating to your student loans or student loan servicer, please visit www.wsac.wa.gov/loan-advocacy or contact the Student Loan Advocate at loanadvocate@wsac.wa.gov.

LATE PAYMENTS

If your billed statement balance is not paid each month, your account will be considered past due and the following penalties will apply:

- A late fee of 1.25 percent of the owing balance will be assessed each month after the payment due date.
- You will not be able to register for future quarters or obtain or diplomas until your account is in good standing.
- If you were signed up for a [payment plan](#), you will be removed from the plan.

Severely past due accounts may be referred to a collection agency. You will be responsible for collection fees of at least 30 percent and up to 40 percent of your outstanding balance in addition to the amount due SPU.

PRIVATE COLLEGE 529 PLAN AND INSTITUTIONAL GIFT AID

Students and families who are Private College 529 holders may redeem tuition plan certificates at Seattle Pacific according to the plan's stipulations. It is important to note that the total of institutional gift aid (grants and scholarships), plus the redeemed tuition certificate value, will be limited to the total cost of tuition, room, and board charged by SPU.

REIMBURSEMENT PROGRAM/ THIRD-PARTY BILLING

If your tuition is reimbursed by your employer or a third party (such as an embassy or government agency), you may be eligible for the Employer Reimbursement or Third-Party Billing program.

Documentation confirming enrollment in an employer reimbursement program is required annually and allows approved student account charges to be deferred up to approximately 30 days after the quarter ends. If a third party is involved, the University will bill the third party directly, provided SFS has been given the appropriate documents, such as a purchase order, official authorization, etc. All other account charges will be due when billed.

If you participate in the Boeing Tuition Voucher program, your eligibility is subject to approval by the Boeing Company. Until SFS receives an approved voucher from the Boeing Company for participation in its Third-Party Billing Program, you will receive monthly account statements and be responsible for all charges. Once the process has been completed, the Boeing approved charges will be paid on your student account. You will continue to receive monthly statements if you incur charges not covered by Boeing. For more information about this program, contact SFS.

UNPAID STUDENT CHARGES

A student who has delinquent financial obligations, will not be permitted to register or attend classes for subsequent quarters, or to receive their diploma until such obligations have been satisfied. Seattle Pacific University reserves the right to deny enrollment, including advance registration or extension of credit, and/or to have a student completely withdrawn from classes if the student does not meet past-due obligations or fulfill financial commitments to the University.

A continued failure to meet financial obligations may result in the referral of the delinquent account to an outside agency for collection of the total amount due, plus all applicable collection costs and the addition of a collection fee of at least 30 percent and up to 40 percent of the account balance.

REGISTRATION PETITIONS

Registration petitions are requests for exceptions to regular policies and procedures. Exceptions are not granted to supersede policies and procedures because of an inconvenience. The petition process provides students and faculty with the possibility of a response outside the normal bounds of policy when extenuating circumstances are judged to warrant such a response.

Extenuating circumstances include illness, injury, death in the family, and problems with immigration. Unresolved holds by the deadline do not constitute an extenuating circumstance and are not grounds for petition. The petition must not only voice the request, but must also substantiate the validity of the request.

Petition forms are available online and on the forms rack in the Demaray Hall lobby (first floor). Instructions for completing this process are included on the form. A student seeking late registration must seek permission from the instructor to sit in the class while the petition is pending.

In all cases, the final decision to approve or deny a petition will be made by Student Academic Services. SAS reserves the right to deny any petition for any reason. Each approved petition will incur a \$50 change of registration fee.

An approved SAS petition may not adjust charges; a balance may remain due.

Common Curriculum

The Common Curriculum includes nine required courses. These courses are designed to help you develop critical academic skills, to understand and engage our multicultural and complex world, and to embrace the Christian story as you become biblically and theologically literate.

Each of the courses in the Common Curriculum includes common texts and objectives to ensure common learning. A Senior Capstone course in your major rounds out the Common Curriculum.

As a first-year SPU student, you will begin the Common Curriculum in autumn quarter of your freshman year by taking the 1 credit **UCOL 1000 University Colloquium**. (Transfer students are exempt from UCOL 1000.) The word *colloquium* means conversation, and the University Colloquium is a place where you can enter into our academic community by studying and conversing about an interesting problem or academic topic with a faculty instructor and student peers.

In your first year you will also complete the first of the three* required **University Foundation** courses. The three foundation courses are centered in the foundations of faith.

- **In UFDN 1000: Christian Faith, completed during the freshman year, you study and reflect on the Christian life**, how our faith is formed, and what it means to live in Christian community.
- **In UFDN 2000: Christian Scriptures, completed during the sophomore year, you will study the Bible** and how the diverse collections of the Old and New Testaments narrate the story of God's redemption, reconciliation, and restoration of creation. (Note that students who enter SPU with 90 or more credits complete the upper-division version of this class: UFDN 3001.)
- **In UFDN 3100: Christian Theology, during your junior or senior year, you will learn about the doctrines** that are important to Christians and the ways they influence Christian thought and life.

***Note:** Students who enter SPU with junior or senior standing are not required to take UFDN 1000. These students complete UFDN 3001, an upper-division version of Christian Scriptures, followed by UFDN 3100.

The first year is rounded out by our two **academic writing (WRI) seminar courses**.

- **WRI 1000: Academic Inquiry and Writing, taught by English faculty**, provides an introduction to academic inquiry. Its central purpose is to immerse you in the types of reading, writing, and critical thinking that will be required of you as a university student. Students must earn a minimum C- (1.7) in this course in order to fulfill the WRI 1000 Academic Writing requirement.
- **WRI 1100: Disciplinary Research and Writing Seminar, taught by faculty across campus**, builds on the skills acquired in WRI 1000 as you learn to research complex and important questions in a disciplinary context. Students must earn a minimum C- (1.7) in this course in order to fulfill the WRI 1100 Academic Writing requirement.

Two additional **Core courses**, taken after the freshman year, complete the Common Curriculum. These courses look at the intersections of Christian faith with contemporary society and thought.

UCOR 2000: The Emergence of the Modern Global System explores how the modern global system was formed, with special emphasis on the history and patterns of human inequality that mark today's societies. The course asks how we as Christians should live in a world that is both deeply divided and globally interwoven. You will study how the Christian vision for equality has broken through patterns of injustice, by introducing reconciliation into contexts of inequality.

UCOR 3000: Faith, Philosophy, and Science explores challenging questions for the Christian faith that arise from science and modern philosophy, while teaching you to articulate responses to such questions in thoughtful

science and modern philosophy, while teaching you to articulate responses to such questions in thoughtful, informed, rational, and charitable ways.

The **Senior Capstone** course is a part of each academic major.

Notes: If you are admitted to the Professional Studies Program, you follow an alternative curriculum: the [Curriculum for Special Programs](#). Students in the Honors Program who complete the [Honors Liberal Arts major](#) will fulfill most of their General Education requirements through that major.

If you completed a [Direct Transfer Agreement \(DTA\)](#) associate's degree or recognized equivalent, in place of the regular General Education curriculum, you are required to complete only UFDN 3001 and UFDN 3100 in the Common Curriculum, as well as the Senior Capstone course in your major.

COMMON CURRICULUM (36 CREDITS)

University Colloquium

- UCOL 1000 [University Colloquium](#) (1)

Academic Writing (WRI)

- WRI 1000 [Academic Inquiry and Writing Seminar](#) (5)
- WRI 1100 [Disciplinary Research and Writing Seminar](#) (5)
- **To fulfill the Academic Writing requirement**, you must earn a grade of C- (1.7) or better in your academic writing course(s).
- **If you enter SPU with junior or senior standing**, you are required to complete only 5 credits of academic writing. Students who have not completed this requirement through transfer courses may take WRI 1100 or ENG 3301; approval for these courses is required.

University Core

- UCOR 2000 [The Emergence of the Modern Global System](#) (5)
- UCOR 3000 [Faith, Philosophy, and Science](#) (5)

University Foundations

- UFDN 1000 [The Christian Faith](#) (5)
- UFDN 2000 [Christian Scripture](#) (5)
- UFDN 3001 [Christian Scripture for Transfer Students](#) (5)
- UFDN 3100 [Christian Theology](#) (5)
- **If you enter SPU with freshman or sophomore standing** (fewer than 90 transferable credits), you must complete UFDN 1000, UFDN 2000, and UFDN 3100.
- **If you enter SPU with junior or senior standing** (90 transferable credits or more), you are required to take only UFDN 3001 and UFDN 3100.

Undergraduate Time Schedule



Note that all Summer Session 2020 classes and instruction will be offered through remote learning.

[View Summer 2020 Classes](#)

2019-2020

2020-2021

2020-2021

[Accounting](#)

[Anthropology](#)

[Art](#)

[Asian Studies](#)

[Biology](#)

[Business](#)

[Chemistry](#)

[Chinese](#)

[Classics](#)

[Communication](#)

[Computer Engineering](#)

[Computer Science](#)

[Criminal Justice](#)

[Data](#)

[Economics](#)

[Education \(EDU\)](#)

[Education: Mathematics](#)

[Education: Reading](#)

Education: Science
Education: Special (EDSP)
Education: Technology
Electrical Engineering
Engineering Science
English
Family Consumer Science
Film Studies
French
General Studies
Global Development Studies
Greek
Health Sciences
Health and Human Performance
History
Honors Program
Humanities
Information Studies
Italian
Journalism
Language, Culture and Linguistic
Latin
Leadership
Linguistics
Mathematics
Mechanical Engineering
Music
Natural and Mathematical Science
Nursing
Philosophy
Physics
Political Science
PreProfessional Health Science
Psychology
Russian
Social Justice/Cultrl Studies
Sociology
Spanish
Theatre
Theology
University Colloquium
University Core
University Foundations
Urban Studies

Women's Studies

Writing

Visual Arts (BA)

VIEW DEGREE REQUIREMENTS

- [Visual Arts \(BA\)](#)

If you are interested in receiving an overview of the visual arts without a professionalized specialization, this is the major for you. This major will provide you with a broad experience of the visual arts and a foundation for a rich, life-long engagement as a creator.

- **A minimum of 66 credits are required** for this major, including at least 23 upper-division credits.
- **You do not need to submit a portfolio** to enter this major.
- **Pairs well as secondary major or minor** due to relatively low credit requirement.
- **This major is well suited** to the pursuit of teacher certification, as outlined at the bottom of this page.
- Participation in a Senior Exhibition is not required for this major.

ENTERING AND COMPLETING THE VISUAL ARTS MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **You do not need to submit a portfolio** to enter this major.
- **If this is your first quarter at SPU** and you identified this major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter this major.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

FUTURE TEACHERS

VIEW DEGREE REQUIREMENTS

- [Integrated Studies: The Arts Concentration \(BA\)](#)

Elementary teacher certification

If you plan to obtain elementary Residency Teacher Certification and are interested in teaching art, you must choose the [Integrated Studies major](#) with a concentration in art.

- **This concentration includes an Arts core**, along with courses in mathematics, physical education, and the natural sciences.
- **The faculty advisor** for the Arts concentration, Dr. Andrew Ryder (aryder@spu.edu).

Secondary teacher certification

If you plan to obtain secondary Residency Teacher Certification with endorsement in art, you should pursue a BA in Art, and you must also complete [Requirements for Secondary Certification](#) through the School of Education.

If you plan to become a teacher, visit the [School of Education](#) for complete information.

Visual Communication (BA)

VIEW DEGREE REQUIREMENTS

- [Visual Communication \(BA\)](#)

In the Visual Communication major, you will become a trained designer educated in traditional and contemporary media and grounded in historical and cultural knowledge.

- **A minimum of 99 credits are required for this major**, including 30 upper-division credits.
- **Application to this major requires submission of a portfolio** and written statement in addition to the online major application.
- **You will learn the effective application** of fundamental elements and principles of visual communication design.
- **As a condition of graduation in this major**, you are required to participate in the Visual Communication Portfolio Exhibition during Spring Quarter of your senior year.

Visual Communication admission data

Admission to the Visual Communication major is selective and based upon a portfolio review and prior academic performance (the expectation is that students will have achieved a minimum of a "B" (3.0) average in SPU Art Foundations classes (ART 1105 Art Foundations 1-Surface; ART 1106 Art Foundations 2-Space; ART 1107 Art Foundations 3-Time; and ART 1205 Design Studio-Color) or equivalent transfer courses.

Academic Year	2017-18	2018-19	2019-20
Average GPA of Admitted Students	3.3	3.3	3.5
Lowest GPA of Admitted Students	2.8	2.2	2.3
Number of Applicants	18	19	25
Number Admitted	16	19	22

ENTERING AND COMPLETING THE VISUAL COMMUNICATION MAJOR

In order to earn a degree, you must complete at least one academic major.

- **Apply to the Visual Communications program** in Banner by [following these instructions](#).
- **In addition to submitting the online application form in Banner**, you must also submit the following:
 - **A written statement** on why you are choosing to pursue studies in the Visual Communication major. This should be approximately 200 words.
 - **A specified portfolio** for review. (See "Portfolio Guidelines" below.)
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.

you to explore options, which may include choosing a different major or minor.

- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Junior transfers to the Visual Communication major

If you are a transfer student with class status beyond the sophomore level, you may apply to the major after an advising/work sample review with the [head of the Visual Communication major](#). **The last date to submit your portfolio for entrance into the major for fall admissions is June 15th prior to the autumn quarter you intend to begin the program.** The Visual Communication major has sequenced courses and will require a minimum of two years from the start of the admitted Autumn Quarter.

See degree requirements for a full list of required courses and electives within the major or minor program.

PORTFOLIO GUIDELINES

The Visual Communication major requires submission of a portfolio. Before submitting a portfolio, you must apply for entrance to the major in Banner by [following these instructions](#). The application in Banner should be submitted **after** you have completed the following courses: ART 1105 Art Foundations 1: Surface; ART 1106 Art Foundations 2: Space; and ART 1107 Art Foundations 3: Time, or equivalent courses. **For equivalency of previous course offerings and/or transfer credits, please consult with the [head of the Visual Communication major](#).**

Portfolios must include:

- **A declaration that you intend to pursue studies in the Visual Communication major.**
- **Anticipated date of graduation.**
- **A current transcript.**
- **A document listing the address of your online portfolio.**
- **Required artwork samples:** Three projects from each core course, for a minimum of nine pieces.
- **A current transcript.**
- **Suggested physical artwork samples:** In addition to the on-line portfolio, some programs require the submission of physical artifacts. **Please consult with the [head of the Visual Communication major](#) for specific requirements.**

The required contents may be emailed to the head of the Visual Communication major, or these works may be submitted to the Art Department administrative office in a portfolio case large enough to contain all original work. If you are turning in a physical portfolio, the exterior of the portfolio should include a document that includes your name, the major for which you are applying, your SPU email address, and your expected year of graduation.

Application deadlines for Visual Communication Majors

Freshmen/Sophomores: We have a rolling deadline with opportunities to submit your portfolio throughout your freshman and sophomore years. Please notify the [head of the Visual Communication major](#) to let them know you have submitted your application and portfolio. **Deadline for the academic year is no later than June 15th for admittance the following autumn quarter.**

For Juniors or Transfer Students: The last date to submit your portfolio for entrance into the major for fall admissions is **June 15** prior to the Autumn Quarter you intend to begin the program. The Visual Communication major has sequenced courses and will require a minimum of two years from the start of the admitted Autumn Quarter.

Post-application review process

You will be notified by email of the status and final decision regarding your application. Portfolios can be collected at the Art Department administrative office during office hours. Criteria for acceptance will be based upon the quality of the work, grades, essay content, and success in academic coursework.

Classics

PROGRAMS OFFERED

- Classics (major and minor)

Owen Ewald, PhD, Contact

[Languages, Cultures, and Linguistics Faculty](#)

When you major or minor in Classics in SPU's Department of Languages, Cultures, and Linguistics, you will be provided with preparation for any of the liberal arts, as well as enrichment for personal satisfaction.

If you are interested in [pre-law](#), [pre-medicine](#), [pre-seminary](#), [education](#), or any of the [sciences](#), or if you are a [Business](#) major aspiring to management, you are encouraged to consider the Classics offerings as electives. The relatively small size of this major also lends itself well to pursuing a double major.

Find out more about this program's [mission, vision, and learning outcomes](#).

CLASSICS (BA)

VIEW DEGREE REQUIREMENTS

- [Classics: Cultural Emphasis \(BA\)](#)
- [Classics: Language Emphasis \(BA\)](#)
- **A minimum 52–53 credits are required for this major**, including 25 upper-division credits.
- **You will choose one of two emphases** in this major: cultural studies or language.
- **Consider a double major:** Classics and a major in another discipline.
- **A Senior paper** is required and is to be presented in conjunction with the Capstone Seminar.

CLASSICS MINOR

VIEW DEGREE REQUIREMENTS

- [Classics Minor](#)
- **A minimum 33 credits are required** for this minor, including 15 upper-division credits.
- **The Classics minor includes** 10 credits of core courses and 23 credits from additional approved courses.

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Classics major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).

- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Asian Studies

PROGRAMS OFFERED

- Asian Studies (major and minor)

[Asian Studies Faculty](#)

Sixty percent of the world's population lives in Asia. Additional millions of Asians live in other parts of the world — and Asia is home to the world's oldest modern civilizations, some of its richest cultures, and some of its most dynamic societies.

From our location in Seattle on the Pacific Rim, students and faculty at SPU learn about and encounter Asia because this is central to our mission of understanding and engaging our multicultural and complex world.

Pursuing Asian Studies as a major or minor will deepen your understanding of, and commitment to, global and cultural engagement, reconciliation, and human flourishing. In this major, your interdisciplinary coursework and diverse educational experiences will prepare you for service or further study in business, education, development, law, ministry, history, linguistics and many other fields.

ASIAN STUDIES (BA)

VIEW DEGREE REQUIREMENTS

- [Asian Studies \(BA\)](#)
- **A minimum 54 credits are required for this major**, including 23 upper-division credits.
- **Core coursework** is the study of the history, languages, and cultures of Asia.
- **Electives include coursework** from disciplines across the University, including art, business, economics, literature, music, political science, and others.
- **An Engagement Experience** is required, such as a study abroad, an internship, or a senior project.

ASIAN STUDIES MINOR

VIEW DEGREE REQUIREMENTS

- [Asian Studies Minor](#)
- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **Core coursework** is the study of history, languages, and cultures of Asia.
- **Electives include** coursework from disciplines across the University, including art, business, economics, literature, music, political science, and others.
- **An engagement experience** is required (e.g., study abroad, internship, or senior project).

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior

year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Asian Studies major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Social Justice and Cultural Studies

PROGRAM OFFERED

- Social Justice and Cultural Studies (major and tracks)

[Social Justice and Cultural Studies Faculty](#)

Program Director: [Kimberly Segall](#), PhD

In this major, you will study culture, representation, and power in order to analyze social formations — such as gender, race, class, sexuality — and explore forms of protest, resistance, and social change. The approach to this field will be informed by Christian theologies of social justice.

This major provides a gateway to a variety of vocations such as education, human rights law, refugee work, public policy, mediation in non-governmental organizations, and environmental advocacy, as well as the creative arts (e.g., documentary film-making, graphic design, creative writing, etc.). Students focus their study by selecting one of the following tracks in the major: Advanced Cultural Studies; Art for Social Change; Meditation, Peace, and Conflict Resolution; Pre-Law Human Rights and Policy; or Environmental Justice.

- **A minimum 65 credits** are required for this major, including 25 upper-division credits.
- **Students are encouraged** to pursue advocacy, internship, or study abroad opportunities.

Find out more about this program's [mission, vision, and learning outcomes](#).

SOCIAL JUSTICE AND CULTURAL STUDIES (BA)

VIEW DEGREE REQUIREMENTS

- [Social Justice & Cultural Studies: Advanced Cultural Studies](#)
- [Social Justice & Cultural Studies: Art for Social Change](#)
- [Social Justice & Cultural Studies: Environmental Justice](#)
- [Social Justice & Cultural Studies: Mediation, Peace&Conflict](#)
- [Social Justice&Cultural Studies: Pre-Law Human Rights&Policy](#)

This major includes these five separate tracks, allowing you to pursue your specific academic and vocational interest:

Track A: Pre-law human rights and policy

For those seeking social change in areas of: immigration law, mass incarceration, refugee work, sexuality issues, gender policies, health, education, housing policies, social activism for civil rights and human rights.

- For students interested in policy change or law school.
- A social-science statistics course is recommended for those invested in policy change and documentation.

Track B: Art for social change

For students invested in changing the world through artistic forms, including graphic design, creative writing, playwriting, photography, and documentary film.

- If you want to combine writing with graphic design or film production with documentary research, this track connects art and justice activism.
- The Social Venture Planning course is recommended for those wanting to start entrepreneurship enterprises.

Track C: Mediation, peace, and conflict resolution

For students interested in social services, political/non-governmental organizations (NGOs), human resources, and social work.

- Interested in changing the world? This track in Peace and Conflict resolution prepares you to work in a variety of corporate or social settings, preparing you to navigate socio-political schisms and mediate micro-aggressions.
- If you want to lead small groups, this track sets a foundation for social work.
- For future MA in Social Work, a social science statistics course is recommended.

Track D: Advanced cultural studies

For students committed to specializing in cultural studies, this track is ideal for future educators, graduate students, and double majors.

- If you are considering a future PhD, it is helpful to take the Literary Theory class.
- If your future graduate field is cultural studies, consider a double major with [film studies](#) or [Asian studies](#).
- If teaching is your vision with an [MA in Education](#), this is your track.

Track E: Environmental justice

For students interested in environmental law and forms of public policy, this track offers skills in environmental data, statistics, research, and graph analysis in order to help you assess the impact of policy on groups of people, regarding climate change, land management, locational risks, and water shortages.

- Concerned about the state of the world around you? This track is for future environmental lawyers, non-profits, and as a starting point for ecological research.
- Electives in environmental science or policy are recommended for this track.
- You are encouraged to complete an internship in environmental studies as part of your vocational exploration.

ENTERING AND COMPLETING THE SOCIAL JUSTICE AND CULTURAL STUDIES MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Social Justice and Cultural Studies major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a

new major or minor until they regain good academic standing.

- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

STUDY ABROAD OPPORTUNITIES

South Africa: Literature and Theatre

This SPU global seminar is a study abroad program to study literature, theater, commissions, and cultures in South Africa. Taken during the month of December (after Autumn Quarter), this biennial program includes service learning.

Spain and Morocco: Writing and Resistance

This SPU global seminar is a study abroad program to study literature and trans-national culture. Students enrolled in this every other year program, leave in late August (prior to Autumn Quarter), travelling from Seville in Moorish Spain to Meknes in Morocco.

For details about these and other study abroad opportunities, visit SPU's [Study Abroad](#) pages.

Art Minors

VIEW DEGREE REQUIREMENTS

- [Art Minor in Studio: Digital Media](#)
- [Art Minor in Studio: 3-D Media](#)
- [Art Minor in Studio: 2-D Media](#)
- [Art History and Visual Studies Minor](#)
- **A minimum 30–36 credits are required for minors in the Art Department**, depending on your chosen emphasis, including 15–17 upper-division credits.
- **You may choose between two minors:** Art History and Visual Studies; and Studio Art.
- **Within the Studio Art minor**, you may choose one of three emphases: 2-D Media; 3-D; and Digital Media.

ENTERING AND COMPLETING AN ART MINOR OR ART HISTORY AND VISUAL STUDIES MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **You do not need to submit a portfolio** to enter a Studio Arts minor or Art History and Visual Studies minor.
- **If this is your first quarter at SPU**, [follow these instructions](#) to request entry to an Art minor or the Art History and Visual Studies minor.
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter one of these minors.
- **Applications to the minors** are reviewed on a rolling basis.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

INTERDISCIPLINARY ART MINORS

Learn more about these additional [interdisciplinary art minors](#).

- Information Studies: Art minor

- Information Studies: Art History and Visual Studies minor
- Interactive Computing and Art minor
- Film Studies major and minor

English

PROGRAMS OFFERED

- English (major, minor, and concentrations)

English Faculty

As an English major or minor, you will encounter some of life's fundamental questions about the human condition. You will think about the truth-telling possibilities of story, cultivating an understanding of the word as God's uniquely human gift.

You will think, read, and write extensively in an English academic program marked by a strong degree of community both inside and outside the classroom. You will read texts including *Beowulf*, Shakespeare, and traditional great works of the Western canon, as well as emerging voices worldwide.

And because the study of English also rests on the rigorous tools of critical thinking and textual interpretation, you will find an English major or minor is excellent preparation for life beyond the university as well.

Find out more about this program's [mission, vision, and learning outcomes](#).

ENGLISH (BA)

VIEW DEGREE REQUIREMENTS

- [English: Creative Writing Concentration \(BA\)](#)
- [English: Literature Concentration \(BA\)](#)
- **A minimum 63–66 credits are required for this major**, including 30 upper-division credits.
- **In either the Literature or Creative Writing Concentration**, you must complete a shared core of courses that ground your understanding of literary history and the interpretive tools of our discipline.
- **Each concentration has a second core requirement** emphasizing craft and methodology.
- **If you choose both the Literature and Creative Writing concentrations**, no more than 10 credits outside the 30-credit common core may count toward both concentrations.
- **After you matriculate at SPU**, no more than 10 credits earned through another university, domestically or abroad, may be applied to the English major. Students with extenuating circumstances may petition this restriction.

ENGLISH MINORS

VIEW DEGREE REQUIREMENTS

- [English Literature Minor](#)
- [English Professional Writing Minor](#)
- [English Creative Writing Minor](#)
- **A minimum 30–33 credits are required for these minors**, including 15 upper-division credits.
- **Three minors** are available: Creative Writing, Literature, and Professional Writing.
- **Each minor includes** Core courses as well as electives.

- **If you are an English major**, no more than 10 English credits may be counted toward both the major and the minor.

ENTERING AND COMPLETING AN ENGLISH MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the English major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

FUTURE TEACHERS

VIEW DEGREE REQUIREMENTS

- [Integrated Studies: Language Arts Concentration \(BA\)](#)

Certification with elementary education endorsement

If you plan to teach in an elementary school and are interested in English or Language Arts, you must major in [Integrated Studies](#) with a concentration in Language Arts and complete the [Teacher Certification](#) program through the School of Education. The faculty advisor for the Language Arts concentration is [Dr. April Middeljans](#). Alternatively, you may pursue your certification as a post-baccalaureate or graduate student.

Certification with secondary education endorsement

If you plan to teach English in a middle or high school, you should major in English and complete the [Teacher Certification](#) program through the School of Education. Alternatively, you may pursue your certification as a post-baccalaureate or graduate student.

STUDY ABROAD OPPORTUNITIES

Scotland and Ireland Seminar

This SPU Global Seminar, taught by Dr. Chaney, is a biennial study abroad program offering you an opportunity to study literature and culture in Edinburgh and Dublin during the month of September.

South Africa Seminar

This SPU Global Seminar, taught by Dr. Segall, is a biennial study abroad program offering you an opportunity to study literature and culture in South Africa during the month of December.

Literature and Creative Writing in Rome

This biennial summer program, taught by Dr. Maier, offers you the opportunity to study literature and creative writing while staying in the Eternal City of Rome for a month.

Spain and Morocco Seminar

This SPU Global Seminar, taught by Dr. Segall, is a biennial study abroad program offering you an opportunity to study literature and culture during the month of September while making the transnational journey from Granada in Moorish Spain to Fes in Morocco.

For details about these and other study abroad opportunities, visit SPU's [Study Abroad](#) pages.

Linguistics and Cultural Studies

PROGRAMS OFFERED

- Linguistics and Cultural Studies (major and minor)

Katya Nemtchinova, PhD, Contact

[Languages, Cultures, and Linguistics Faculty](#)

The study of linguistics focuses on the nature of language itself and on human beings as creators and users of language. This program in SPU's Department of Languages, Cultures, and Linguistics explores systems of sound and meaning; phrase and sentence structure; linguistic diversity; both first- and second-language acquisition; and language change over time.

Both the major and the minor may be of interest and use to students pursuing studies in a variety of fields including anthropology, global development, global and urban ministries, sociology, and specific languages.

In this program you can prepare yourself to enter a professional field such as translation, teaching, or linguistic research.

Find out more about this department's [mission, vision, and learning outcomes](#).

LINGUISTICS AND CULTURAL STUDIES (BA)

VIEW DEGREE REQUIREMENTS

- [Linguistics and Cultural Studies \(BA\)](#)

The Linguistics and Cultural Studies major features a thorough grounding in general linguistic theory, as well as provides you with an opportunity for work in some more specific subfields (e.g., sociolinguistics, second-language acquisition).

- **A minimum 53 credits are required for this major**, including 38 upper-division credits.
- **It is required that you have a minimum competency** through the second-year sequence of a language.
- **You must complete all non-credited and language proficiency requirements** found [here](#), and on the [Languages, Cultures, and Linguistics website](#).
- **This major also offers Cultural Studies courses** in a minimum of three different cultures.
- **A senior paper** is required and is to be presented in conjunction with the Capstone Seminar.
- **The study abroad requirement** may be fulfilled through the [Study Abroad](#) programs, including European Quarter, or an approved alternative program.
- **Majors in Linguistics and Cultural Studies** are required to complete an Oral Proficiency Interview conducted by the American Council on the Teaching of Foreign Languages prior to graduation.

LINGUISTICS AND CULTURAL STUDIES MINOR

VIEW DEGREE REQUIREMENTS

- [Linguistics and Cultural Studies Minor](#)

VIEW DEGREE REQUIREMENTS

[Anthropology Minor](#) [Linguistics](#)

- [Anthropology Minor: Linguistics](#)

You can choose from one of three areas of emphasis in the [anthropology minor](#), including Linguistic Anthropology.

- **A minimum 30 credits are required** for each of these minors, including 15 upper-division credits.
- **10 credits of elective courses** are required.

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Linguistics and Cultural Studies major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Mandarin Chinese

With its Pacific Rim location, the Pacific Northwest is home to many companies and trading partners doing business with China. Because of China's importance to the Northwest and the Seattle area, Seattle Pacific University offers on-campus Mandarin Chinese courses.

Chinese courses are currently available at the 1000 and 2000 level. When you enroll in Mandarin language courses, you will build your proficiency in understanding, speaking, reading, and writing in this major world language. You will also investigate Chinese culture and its relationship to the language.

[View available Mandarin courses.](#)

STUDY ABROAD IN CHINA

China Fall Global Seminar

You can now visit China to fulfill your UCOR 2000 requirement. For this 5-credit study abroad course, you will visit two cities: Beijing and Wuhan, with a focus on global interaction since the 15th century.

Find out more about the China Fall Global Seminar and about study abroad courses through Best Semester and USAC China at SPU's [Study Abroad](#) site.

French and Francophone Studies

PROGRAMS OFFERED

- French and Francophone Studies (major)
- Francophone Studies (minor)

Michelle Beauclair, PhD, Contact

[Languages, Cultures, and Linguistics Faculty](#)

French is one of the most widely studied and widely spoken second languages in the world, and it is a primary language of communication in parts of Western Europe, North and West Africa, the Caribbean, and Quebec, as well as in numerous international and European organizations.

This major is built around academic coursework necessary to graduate students of competence in the globalized 21st century. When you major or minor in this program in SPU's Department of Languages, Cultures, and Linguistics, you will gain a deeper knowledge of the history, geography, socio-political, and religious traditions of Francophone communities and the linguistic and analytical framework to appreciate and engage with them.

Find out more about this program's [mission, vision, and learning outcomes](#).

FRENCH AND FRANCOPHONE STUDIES (BA)

VIEW DEGREE REQUIREMENTS

- [French and Francophone Studies \(BA\)](#)

This program includes not only study of the French language, but also of the broader Francophone world: the nations, regions, and people outside of mainland France who use French as their primary language or as a language for business, government, or education.

- **A minimum 54 credits are required for this major**, including 29 upper-division credits, with 18 credits taught in French.
- **Elementary and intermediate French language** courses include the study of both French and Francophone cultures, literatures, and film.
- **Upper-division courses include** French and Francophone Literature, *Écriture engagée*, *La France et le monde*, *Cinéma Francophone*, and *Francophone Capstone*.
- **Tutorial programs, Internships, and Independent Studies** options are available.
- **You may pursue a major in this program as part of a double major** with majors such as Global Development Studies, Theology, Nursing, Business, History, Linguistics and Cultural Studies, Political Science, and Communication.
- **The Study Abroad requirement** may be fulfilled through the SPU [Study Abroad](#) programs, including the Paris Study Abroad program (French Immersion program only), European Quarter, or an approved alternative program.
- **A senior paper** is required and is to be presented in conjunction with the Capstone Seminar.
- **Majors in French and Francophone Studies** are required to complete an Oral Proficiency Interview conducted by the American Council on the Teaching of Foreign Languages prior to graduation.

FRANCOPHONE STUDIES MINOR

VIEW DEGREE REQUIREMENTS

- [Francophone Studies Minor](#)
- **A minimum 35 credits are required** for this minor, including 15 upper-division credits.
- **This minor includes courses such as** Advanced French, European Civilization, French and Francophone Literature and Foundations of Language Study, Les Arts Français, History of Africa, and La France et le Monde.

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the French and Francophone Studies major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Music (BA)

VIEW DEGREE REQUIREMENTS

- [Music: Composition \(BA\)](#)
- [Music: Music Production \(BA\)](#)
- [Music: Performance \(BA\)](#)
- [Music: Research \(BA\)](#)

Our BA in Music degree has been completely reimagined to encourage lifelong growth and talent development and to address a wide range of vocational skills as a reality of working musicians in the 21st century. We have created a student-driven and project-focused curriculum that reflects and engages with the professional music-making culture in Seattle and across the nation.

- **In this program, you will learn to recognize** the interrelationship between music and the other creative arts.
- **You can choose from four areas** within the BA in Music degree — Composition, Performance, Recording, or Research.
- **A minimum 83–86 credits are required for these project-based concentrations**, including 37 upper-division credits.
- **Students completing Music: Performance (vocal version)** must complete MUS 2261 the Singer's Art II, for 86 credits total in the major.
- **Piano proficiency is required** for graduation for all Music majors.
- **If you are enrolled in "Music Theory I-II"** or any Creative Engagement course, you may be required to enroll in MUS 2200 until you can pass the Keyboard Proficiency Exam.
- **All students generate a professional-level project** in their senior year that synthesizes their learning, builds their portfolio, and reflects their identity as a musician and artist. It is our goal that you walk out of your time at SPU Music with your career already started.

ENTERING AND COMPLETING A MUSIC MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Music major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.

- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Music Therapy (BA)

VIEW DEGREE REQUIREMENTS

- [Music Therapy: Emphasis in Physical Ed & Exercise Sci \(BA\)](#)
- [Music Therapy: Emphasis in Psychology \(BA\)](#)
- [Music Therapy: Emphasis in Special Education \(BA\)](#)

The SPU Music Therapy Program's rigorous, multidisciplinary curriculum is designed to prepare you for the six-month clinical internship, and, ultimately, pass the national examination to earn your Board Certified Music Therapist (MT-BC) designation.

Music therapists are first and foremost strong musicians. Taking private lessons on your primary instrument is essential. Music therapy majors must pass proficiency exams in voice, guitar, and keyboard before graduation. Having experience with one or more of these instruments, especially piano, will be extremely helpful to your studies and clinical work.

- **A minimum 114 credits is required for this major**, including 29 upper-division credits.
- **Pass proficiency exams** on piano, guitar, and voice.
- **If you are enrolled in "Music Theory I-II"** or any Creative Engagement course, you may be required to enroll in MUS 2200 until you can pass the Keyboard Proficiency Exam.
- **Fulfill the requirements for the Music degree**, including a junior recital on your major instrument.
- **Your classes will be in core music therapy**, psychology, special education, and biology/physical education, as well as the required SPU courses.
- **You will also have the opportunity for practicum experiences** within diverse health care and educational institutions in the Seattle area.
- **You will have the close supervision by board-certified music therapists** in an educational climate.
- **You will fulfill 180 hours of practicum experience** during your undergraduate training.

MUSIC THERAPY MAJOR ADMISSION DATA

Admission to the Music Therapy major is limited to 10–12 students per year. Admission is selective and based upon prior academic performance, audition, an essay, and an interviews. Recent admission data is depicted below.

Academic Year	2015–16	2016–17	2018–19
Average GPA of Admitted Students	3.7	3.5	3.6
Lowest GPA of Admitted Students	3.4	2.8	3.2
Number of Applicants	8	9	6
Number Admitted	8	9	6

APPLYING TO THE MUSIC THERAPY MAJOR

- **You must have a minimum 3.0 GPA for admission** to the Music Therapy major.
- **Apply for the major** in Banner [following these instructions](#), and obtain the signatures of your music department advisor and private lesson instructor.

- **To apply for the major** you must:
 - **Perform** on your primary instrument.
 - **Play piano and guitar, and sing** with a strong voice. All three proficiencies are required for a degree in Music Therapy. If you are not proficient in one or more of these, we would discuss your ability to meet standard level within a reasonable time period.
 - **Write a short essay** on why you want to pursue a degree in Music Therapy and articulating your professional and personal interests.
 - **Be interviewed** by the [director of the Music Therapy program](#) as well as Music Department faculty.
- **You must complete the major or minor requirements** in effect when you are admitted to the major or minor.

Note: Music Therapy is a competitive program. Post-baccalaureate and transfer students, in particular, should carefully review admission requirements for the program on the [Music Therapy website](#).

Music Minors

VIEW DEGREE REQUIREMENTS

- [Music and Worship Arts Minor](#)
- [Music Minor](#)

As a Music minor, you will follow an integrative approach to advancing your musical skills. You will study music theory, aural skills, and the history of music, and will participate in context courses that further your knowledge of music, people, and culture.

A minor in Music and Worship Arts will train you to use your musical gifts — whether as a worship leader, a performer, a composer, a conductor, or a teacher. It will also provide you with advanced study in music theory and literature.

- **Each of these minors requires a minimum 30 credits**, including 15 upper-division credits.
- **Depending on the minor chosen**, courses include Core requirements, Theological and Historical Foundations, contemporary performance practice, and ensemble participation.

ENTERING AND COMPLETING A MUSIC MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **To apply to enter the Music minor**, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Biology (BA, BS)

BIOLOGY (BA)

[VIEW DEGREE REQUIREMENTS](#)

- [Biology \(BA\)](#)

The BA in Biology provides a broad foundation in biology and is especially appropriate for students planning to teach at the elementary or secondary level.

- **A minimum 81 credits are required for this major**, including 30 upper-division credits.
- **If you are preparing for a biology teaching career**, you should become familiar with Washington state endorsement requirements prior to selecting core and elective options.

BIOLOGY (BS)

[VIEW DEGREE REQUIREMENTS](#)

- [Biology \(BS\)](#)

A BS in Biology provides a broader and more in depth preparation than the BA program for students pursuing a wide variety of professional careers in biology including post-graduate training.

- **A minimum 104 credits are required for this major**, including 35 upper-division credits.
- **This major emphasizes** undergraduate research.
- **Depending upon your interests and professional goals**, you may choose the core and elective coursework to emphasize botany, cellular and molecular biology, ecology, marine biology, physiology, or zoology.
- **As a part of your core requirements or electives**, you are required to take a minimum of 3 credits of field biology coursework emphasizing outdoor research and data collection.
- **As part of your core requirements or electives**, you are also required to take at least one botany course (generally chosen from BIO 3453, 4415, or 4744).
- **Students should target a minimum 3.0 GPA** in their science coursework if they intend to pursue postgraduate training.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the BA or BS in Biology major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.

- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Music Education (BA)

VIEW DEGREE REQUIREMENTS

- [Music Education \(BA\)](#)

SPU's Education program is accredited at the state and national levels, and our graduates are among the most sought-after educators in the field. You'll benefit from a combination of class and field work, which includes opportunities for diverse experiences within public and private school settings in urban and suburban Seattle. Each component of the program is designed to sharpen your skills, develop your competence and character, and prepare you for teaching and service.

Undergraduate teacher candidates complete all requirements for a bachelor's degree in addition to the requirements for the P-12 Residency Teacher Certification Program. Music majors with an emphasis in Music Education are prepared to meet endorsement requirements for choral/vocal, instrumental, and/or general music endorsements. Courses are specially designed to meet state education requirements while also addressing music areas of specialization, such as "Music in Special Education" and "Music Technology" courses.

The BA in Music Education includes both a rigorous music program and the education coursework and internship for Washington P-12 music teaching certification.

- **A minimum 119 credits are required**, including 37 upper-division credits.
- **You must fulfill the requirements for the Music degree**, including ensemble experiences.
- **Piano and guitar proficiency** are required.
- **If you are enrolled in "Music Theory I-II"** or any Creative Engagement course, you may be required to enroll in MUS 2200 until you can pass the Keyboard Proficiency Exam.
- **You will present a junior recital** on your major instrument.
- **You can choose course options** that lead to general, instrumental or vocal/choral endorsements.
- **Once admitted to the major**, you should maintain a minimum 3.0 cumulative GPA.
- **This major requires separate admission to the School of Education**, in order to complete the certification program requirements.
- **Service learning, September experience, lab experiences, and internships** provide comprehensive experiences in local schools supervised by experienced music educators.

ENTERING AND COMPLETING A MUSIC EDUCATION MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Music Education major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.

- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

TEACHER CERTIFICATION

In order to complete the teacher certification courses required for the Music Education major, you will need to gain admission to SPU's School of Education. Find out more about [admission to the School of Education](#).

Ecology (BS)

VIEW DEGREE REQUIREMENTS

- [Ecology \(BS\)](#)

The Ecology program is intended for students interested in pursuing a career or postgraduate training in ecology. This major prepares you for careers in areas including forestry, fisheries, agriculture, and wildlife management.

- **A minimum 100 credits are required for this major**, including 40 upper-division credits in biology.
- **This major emphasizes undergraduate research.**
- **As a part of either core requirements or electives**, you are required to take a minimum 3 credits of field biology coursework emphasizing outdoor research and data collection.
- **Students should target a minimum 3.0 GPA** in their science coursework if they intend to pursue postgraduate training.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Ecology major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Art History and Visual Studies (BA)

VIEW DEGREE REQUIREMENTS

- [Art History and Visual Studies \(BA\)](#)

The Art History and Visual Studies major is designed to make you a wise navigator of our media-saturated environment. The program has a modern and contemporary focus, and encourages hands-on engagement with mounting, curating, and reviewing gallery shows.

- **A minimum 59 credits are required for this major**, including 24 upper-division credits.
- **You do not need to submit a portfolio** to enter this major.
- **You will probe the historical origins** of our present visual climate, develop strong research and writing skills, and investigate the latest trends in critical theory.
- **An optional biennial excursion to Rome, Italy**, gives you the opportunity to both absorb and critique the foundations of Western culture.

ENTERING AND COMPLETING THE ART HISTORY AND VISUAL STUDIES MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **You do not need to submit a portfolio** to enter this major.
- **If this is your first quarter at SPU** and you identified this major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter this major.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Physiology (BS)

VIEW DEGREE REQUIREMENTS

- [Physiology \(BS\)](#)

This major is designed for students intending to pursue postgraduate training in biology or health sciences. This major is particularly well suited for students pursuing pre-professional health training in medicine, dentistry, optometry, pharmacy, veterinary medicine, and other health-related careers.

- **A minimum 105 credits are required for this major**, including 35 upper-division credits in biology.
- **This major requires** courses in ethics or the completion of an undergraduate research project. The ethics focus is appropriate for students interested in medical school or other professional health-science training. Undergraduate research is essential if you are interested in graduate studies in other areas.
- **Students should target a minimum 3.0 GPA** in their science coursework if they intend to pursue postgraduate training.
- **If you are interested in pre-professional health-science training**, consult with your advisor as early as possible to determine how best to meet your career goals. Please visit the Biology PPHS resource site for more information.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Physiology major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Exploratory Curriculum

The General Education program at Seattle Pacific is designed to help students pursue the path of wisdom and engage the culture with the gospel of Jesus Christ. Each component of the Exploratory Curriculum makes a distinctive contribution to this goal.

People of wisdom understand their place in God's world, see life from a variety of perspectives, discern the appropriate use of knowledge, and thoughtfully evaluate ideas and claims. To that end, in the Exploratory Curriculum, you will take 35 total credits — 30 credits from "Ways of Knowing" courses and 5 credits from "Ways of Engaging" courses.

[Ways of Knowing Courses](#)

[Ways of Engaging Courses](#)

Biology Minors

BIOLOGY

[VIEW DEGREE REQUIREMENTS](#)

- [Biology Minor](#)
- **A minimum 34 credits are required for this minor**, including 15 upper-division credits.
- **This minor is appropriate for students** pursuing careers in business, computer science, government, law, psychology, and other majors that will be enriched by a foundation in biological principles.

ANTHROPOLOGY: BIOLOGICAL ANTHROPOLOGY

[VIEW DEGREE REQUIREMENTS](#)

- [Anthropology Minor: Biological Anthropology](#)

You can choose from among three areas of emphasis in the [anthropology minor](#), including biological anthropology, which is the study of the biological and behavioral aspects of human beings. In this minor, you are exposed to the disciplines of anthropology, and will think critically about what it means to be human “beings.”

- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **This is an excellent minor for students pursuing careers** in medicine, missions, public health, education, ecology, and forensics.

Learn about additional this [interdisciplinary minor](#).

BIOETHICS AND HUMANITIES

[VIEW DEGREE REQUIREMENTS](#)

- [Bioethics and Humanities Minor](#)

A minor in bioethics allows students to explore the human dimensions of health care, public health, and biomedical research to better prepare those seeking a career in the health sciences.

- **A minimum 36 credits are required for this minor**, including 15 upper-division credits.
- **You will explore the range of ethical issues** that arise in health care, public health, and biomedical research.

ECOTHEOLOGY

[VIEW DEGREE REQUIREMENTS](#)

- [Ecotheology Minor](#)

A minor in Ecotheology allows you to explore a scientifically and theologically informed understanding of creation care. As an interdisciplinary degree, the Ecotheology minor draws from a variety of subject areas to establish a multifaceted context. Because the minor is concerned with both theory and practice, fieldwork is a core component of the curriculum.

- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **This minor includes courses** from several schools and departments.
- **Course sequence within the minor** may be dictated by your major. For students not majoring in Biology, electives are available that require no prerequisites.

Learn more about this [interdisciplinary minor](#).

ENTERING AND COMPLETING YOUR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **Apply for entrance to your chosen minor** in Banner by [following these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Life Science (BA)

VIEW DEGREE REQUIREMENTS

- [Life Science \(BA\)](#)

The Life Science major is designed for students with a general interest in the biological sciences. This degree provides flexibility for those who want to focus on particular areas of biology that may complement other career options.

- **A minimum 73 credits are required for this major**, including 23 upper-division credits.
- **The 18 credits of core requirements** include general biology courses, as well as BIO 4899 Natural Sciences Seminar.
- **Biology electives include** lab or field experience.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Life Science major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

General Engineering

PROGRAMS OFFERED

- General Engineering (major and minor)

[Engineering faculty](#)

GENERAL ENGINEERING (BS)

VIEW DEGREE REQUIREMENTS

- [General Engineering: Appropriate & Sustainable Eng \(BS\)](#)
- [General Engineering: Mechanical Engineering Focus \(BS\)](#)
- [General Engineering: No Concentration \(BS\)](#)

The BS in General Engineering program provides you with a strong foundation to design and analyze a large range of engineering systems. Concentrations are available in Mechanical Engineering and Appropriate and Sustainable Engineering, or you may complete the major without a concentration.

The BS in General Engineering degree is accredited by the [Engineering Accreditation Commission of ABET](#).

- **The Mechanical Engineering concentration** provides you with a foundation to design and analyze mechanical and thermal systems.
- **The Appropriate and Sustainable concentration** is a direct response to our Christian calls for stewardship of our planet and service to the poor. Here, we seek to address our environmental footprint in the developed world through sustainable engineering solutions while addressing the needs of the world's poor through development of appropriate technology.
- **A minimum 131 credits are required in this major**, including 59–64 upper-division credits.
- **All Engineering majors are required to participate in an [engineering-related internship](#)** with industry or another career entity.
- **Chemistry: If you intend to major in General Engineering**, you must complete CHM 1211 General Chemistry I.

GENERAL ENGINEERING MINOR

VIEW DEGREE REQUIREMENTS

- [General Engineering Minor](#)
- **A minimum 53 credits are required for this minor**, including 26 upper-division credits.
- **The 49 required credits in the core courses include** EGR 1501 CAD Applications for Engineers, EGR 3310 Mechanics of Materials, and EGR 3500 Thermodynamics.
- **The required elective credits** can be chosen from courses such as EGR 3430 System Dynamics and EGR 4910 WA State FE Preparation.

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional

program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the General Engineering major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

History

PROGRAMS OFFERED

- History (major, minor, and track)
- Museum Studies (minor)

[History Faculty](#)

The History major and minor programs at SPU invite students to discover the complex worlds of the past across the globe, exploring cultural, political, and economic connections within and among societies. Our program emphasizes the usefulness of History in understanding social and economic inequalities and challenges, and the role that History can play in crafting solutions. As we study the past, we cultivate the practice of empathy and foster Christian hope for the future.

HISTORY: GENERAL TRACK (BA)

[VIEW DEGREE REQUIREMENTS](#)

- [History: General Track \(BA\)](#)

The History major highlights humanity's common heritage and shared future, and challenges you to ask how a Christian worldview can help us understand the sweep of human events, the variety of human cultures, and the influence of heritage on identity.

- **A minimum 60 credits are required for this major**, including 30 upper-division credits.
- **Coursework in History features** world regional study, "doing" history, and Christian perspectives on problems in history—plus electives chosen from the full array of History Department offerings.
- **You are encouraged to complement a History major with a minor or second major** such as [Sociology](#), [Political Science](#), [Social Justice](#), or a [foreign language](#).
- **Work closely with your faculty advisor** in selecting additional supporting courses tailored to your career goals.
- **Internships and other off-campus study opportunities** are highly recommended and provide you with practical skills and rich experiences in this major.
- **If you intend to enter graduate study**, you should acquire a reading mastery of a [foreign language](#).

HISTORY: MUSEUM STUDIES TRACK (BA)

[VIEW DEGREE REQUIREMENTS](#)

- [History: Museum Studies Track \(BA\)](#)

The Museum Studies Track supplements the History major core with coursework that helps you prepare for graduate study and employment in the vigorous and innovative field of museum studies and public history.

- **A minimum 71 credits are required for this major**, including 30 upper-division credits.
- **Graduates who complete this program will be well prepared** for immediate employment, or for further graduate study, in the vigorous and growing fields of museum, archival, and public history.

HISTORY MINOR

HISTORY MINOR

VIEW DEGREE REQUIREMENTS

- [History Minor](#)
- **A minimum 35 credits are required for the History minor**, including 15 upper-division credits.
- **Coursework in History features** world regional study, "doing" history, and Christian perspectives on problems in history— plus electives chosen from the full array of History Department offerings.
- **The History minor is encouraged as an enhancement** to related majors such as [Political Science](#), [Sociology](#), [Social Justice](#), etc.

MUSEUM STUDIES MINOR

VIEW DEGREE REQUIREMENTS

- [History: Museum Studies Minor](#)
- **A minimum 30 credits are required for the Museum Studies minor**, including 25 upper-division.
- **The Museum Studies minor** will supplement several relevant majors (or other minors) with focused coursework and practical experience.
- **Graduates who complete this program** will be well prepared for immediate employment, or for further graduate study, in the vigorous and growing fields of museum, archival, and public history.

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the history major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

FUTURE TEACHERS

VIEW DEGREE REQUIREMENTS

- [Integrated Studies: Social Sciences Concentration \(BA\)](#)

Certification with elementary education endorsement

- **If you plan to teach in an elementary school** and are interested in history, you must major in the [Integrated Studies major](#) with a concentration in the Social Sciences.
- **The concentration consists of courses** in history, political science, and geography.
- **Further information** about the Elementary Certification Program is available in the [School of Education](#).

Certification with secondary education endorsement

If you plan to obtain secondary Residency Teacher Certification with endorsement in History, you should pursue a BA in History, and include the course "History of the Pacific Northwest" HIS 3600. You must also complete [requirements for a Secondary Education Endorsement](#) through the School of Education.

If you plan to become a teacher, visit the [School of Education](#) for complete information.

Electrical Engineering

PROGRAMS OFFERED

- Electrical Engineering (major and minor)

[Engineering faculty](#)

ELECTRICAL ENGINEERING (BS)

[VIEW DEGREE REQUIREMENTS](#)

- [Electrical Engineering \(BS\)](#)

The BS in Electrical Engineering program provides students with a strong foundation to design and analyze electrical and electronics systems.

The BS in EE degree is accredited by the [Engineering Accreditation Commission of ABET](#).

- **A minimum 130 credits are required for this major**, including 64 upper-division credits.
- **All Engineering majors are required to participate in an [engineering-related internship](#)** with industry or another career entity.
- **Chemistry: You must score 75 percent or higher** on SPU's Chemistry Placement Test or complete CHM 1310 Survey of General Chemistry or CHM 1211 General Chemistry.
- **Degree requirements include courses** in mathematics, science, computer science, engineering, and electrical engineering.

ELECTRICAL ENGINEERING MINOR

[VIEW DEGREE REQUIREMENTS](#)

- [Electrical Engineering Minor](#)
- **A minimum 52 credits are required for this minor**, including 18 upper-division credits.
- **Some of the 42 credits of core requirements** include CSC 1230 Problem Solving & Programming, MAT 3237 Differential Equations, and EE 2726 Electrical Circuits I.
- **The 10 elective credits are chosen from upper-division courses** such as EE 3510 Power Electronics Fundamentals and EGR 3611 Alternative Energy Systems.

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Electrical Engineering major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).

major or minor, [follow these instructions](#).

- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Spanish Studies

PROGRAMS OFFERED

- Spanish Studies (major and minor)
- Spanish Heritage (minor)

[Robert Baah](#), PhD, Contact
[Languages, Cultures, and Linguistics Faculty](#)

Spanish is, after Chinese, the most common first language in the world, spoken by some 500 million people. It is an unofficial second language in the United States.

In support of the SPU mission to cultivate graduates of competence and character, the Spanish Studies major and minor programs seek to further your linguistic and cultural competence by affording you opportunities for learning in classroom settings and overseas.

Find out more about this program's [mission, vision, and learning outcomes](#).

SPANISH STUDIES (BA)

VIEW DEGREE REQUIREMENTS

- [Spanish Studies \(BA\)](#)
- **A minimum 56 credits is required for this major**, including 25 upper-division credits, 18 of which will be taught in Spanish.
- **You must complete all non-credited and language proficiency requirements.**
- **You are required to participate** in an accredited [study abroad program](#) to accumulate the required number of credits and to expand your knowledge of the language and country.
- **A Senior Paper** is required and is to be presented in conjunction with the Capstone Seminar.
- **You are required to complete** an Oral Proficiency Interview conducted by the American Council on the Teaching of Foreign Languages prior to graduation.

SPANISH STUDIES MINOR

VIEW DEGREE REQUIREMENTS

- [Spanish Studies Minor](#)
- **A minimum of 30 credits is required for this minor**, including 15 upper-division credits.
- **This minor's required courses include** Core courses, history courses, literature courses, and electives.

SPANISH HERITAGE MINOR

VIEW DEGREE REQUIREMENTS

- [Spanish Heritage Minor](#)
- **A minimum of 30 credits is required for this minor**, including 15 upper-division credits.

This minor is designed for Spanish heritage students who use the language in their home or have lived in a

- **This minor is designed for Spanish heritage speakers** who use the language in their home or have lived in a Spanish-speaking community or nation.
- **This minor honors students' existing knowledge and experiences**, while improving their skills in speaking, listening, reading, and writing.
- **This minor provides opportunities to reflect on identity and culture**, and ways to connect with Spanish-speaking communities.

ENTERING AND COMPLETING THE MAJOR OR A MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Spanish Studies major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Mechanical Engineering

PROGRAM OFFERED

- Mechanical Engineering (major)

[Engineering faculty](#)

MECHANICAL ENGINEERING (BS)

VIEW DEGREE REQUIREMENTS

- [Mechanical Engineering \(BS\)](#)

Mechanical engineers apply hands-on physics to model, analyze, and design mechanical and energy systems such as automobiles, aircraft, ships, heating and cooling systems, prosthetics, robots, household appliances, or industrial equipment and machinery. In this major, you'll learn to think critically and solve quandaries through multiple, extended hands-on projects.

- **A minimum 131 credits are required for this major**, including 59 upper-degree credits.
- **All Engineering majors are required to participate in an [engineering-related internship](#)** with industry or another career entity.
- **12 credits of technical electives** are also included in this major.
- **This degree can be completed** in four years at SPU.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Mechanical Engineering major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog

for the year you enter the major or minor.

Physical Science (3:2 Transfer Program)

PROGRAMS OFFERED

- Physical Science (major)

[Engineering faculty](#)

PHYSICAL SCIENCE (BA)

VIEW DEGREE REQUIREMENTS

- [Physical Sciences: 3/2 Program \(BA\)](#)

To offer the advantages of combining Christian liberal arts with Engineering majors not offered at SPU, SPU has dual-degree agreements with Washington State University and the University of Washington.

These agreements allow you to complete three years of study at SPU and two years at the partnering school, resulting in a Bachelor of Arts in Physical Sciences from SPU and a Bachelor of Science from the participating engineering school.

- **During your three years at SPU**, you complete the 51-credit Physical Sciences major.
- **You will satisfy both the requirements** for the SPU Bachelor of Arts degree and many fundamental requirements for the Bachelor of Science degree by taking the core Christian foundations, liberal arts, and prescribed courses in chemistry, physics, mathematics, and engineering.
- **If you fulfill the entrance requirements of the partner university**, you may then transfer to the participating university. At that university, you will spend two years taking upper-division engineering courses to complete the second degree.

The Physical Sciences (3:2 Engineering) major Capstone requirement can be met by completing one of the following:

- **At the University of Washington:** ME 495, CEE 441, CEE 442, CEE 444, CEE 445.
- **At Washington State University:** CE 465, ME 416, CHE 451, B E 411
- **By meeting an approved course** that includes a major design experience based on the knowledge and skills acquired in earlier coursework and incorporating appropriate engineering standards and multiple realistic constraints.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Physical Science major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or

application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).

- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Family and Consumer Sciences Secondary Education

PROGRAM OFFERED

- Family and Consumer Sciences Secondary Education (major)

[Family and Consumer Sciences Faculty](#)

FAMILY AND CONSUMER SCIENCES SECONDARY EDUCATION (BA)

VIEW DEGREE REQUIREMENTS

- [Family and Consumer Sciences Secondary Education \(BA\)](#)

The field needs you. The demand for new family and consumer sciences teachers is greater than the number teachers currently available. The BA in Family and Consumer Sciences Secondary Education prepares you to teach personal and family life skills — including financial literacy, health, human development, fashion, and nutrition.

This program prepares students for teaching positions in middle and senior high schools and informal educational settings, such as businesses, youth groups, and community programs. When you complete required courses in the major, you also meet endorsement standards in Secondary Certification, and Career and Technical Secondary Certification.

- **A minimum 68 credits are required for this major**, including 25 upper-division credits.
- **When you complete the required courses in this major**, you also meet state standards for certification in FCS Career and Technical Education.
- **If you are seeking teacher certification** with Secondary Education Endorsement in Family and Consumer Education, you must meet the requirements of the teacher education program. Review the School of Education's complete [FCS Secondary Education Requirements](#).
- **This degree requires completion of the Family and Consumer Sciences Core**, which includes:
 - FCS 1050 Introduction to FCS, completed in your freshman or sophomore year. (If you are a transfer student, you may complete this in your junior year.)
 - FCS 3240 Individual and Family Development, completed after FCS 1050.
 - FCS 4899 Senior Capstone, completed after FCS 3240, and during your senior year.
- **You will have met endorsement standards in Secondary Certification**, and Career and Technical Secondary Certification when you complete the required courses in the major.
- **Entrance to the Secondary Certification program** requires a minimum cumulative 2.8 GPA or a 3.0 GPA or higher in the most recent 30 credits.
- **You may combine this major** with the Human Development and Family Studies major.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Apparel Design and Merchandising

PROGRAMS OFFERED

- Apparel Design (major)
- Apparel Merchandising (major)
- Apparel Design and Merchandising (minor)

[Family and Consumer Sciences Faculty](#)

APPAREL DESIGN (BA)

VIEW DEGREE REQUIREMENTS

- [Apparel Design \(BA\)](#)

This major prepares you for a broad range of careers such as apparel designer, fashion editor, stylist, technical designer, fabric coordinator, product developer, sourcing specialist, apparel/textiles quality control manager, art director, pattern-maker, costume designer for films and plays, curator, and entrepreneur.

- **A minimum 78 credits are required for this major**, including 25 upper-division credits.
- **This major requires completion of the Family and Consumer Sciences Core**, which includes:
 - FCS 1050 Introduction to FCS, completed in your freshman or sophomore year. (If you are a transfer student, you may complete this in your junior year.)
 - FCS 3240 Individual and Family Development, completed after FCS 1050.
 - FCS 4899 Senior Capstone, completed after FCS 3240 and during your senior year.
- **You will participate in the Student Fashion Show** to present your design lines as an apparel design student.
- **All students in this major are required** to participate in the Senior Portfolio Show.
- **In FCS 4846 CAD for Apparel Portfolio**, you will have the opportunity to create a professional apparel design portfolio through CAD.
- **An Internship** is highly recommended for this major.

Spreadsheet Competency Requirement

[Demonstration of spreadsheet competency](#), explained in detail on the website of the School of Business, Government, and Economics, is required of all students graduating with this major. You can document this by passing BUS 1700 or by scoring at least 60 percent on the basic Microsoft Office Specialist exam for Microsoft Excel 2013, 2016, or later. For questions regarding the Spreadsheet Competency Requirement, contact Dr. Richard Sleight at sl8@spu.edu.

APPAREL MERCHANDISING (BA)

VIEW DEGREE REQUIREMENTS

- [Apparel Merchandising \(BA\)](#)

This major prepares you for a broad range of careers, such as retail buyer, retail merchandiser, sales manager, marketing director, fashion coordinator, production manager, sourcing specialist, product developer, brand manager, visual merchandiser, image consultant, business owner, entrepreneur, fashion stylist, and store manager.

- **A minimum 85 credits are required for this major**, including 25 upper-division credits.
- **This major requires completion of the Family and Consumer Sciences Core**, which includes:
 - FCS 1050 “Introduction to FCS,” completed in your freshman or sophomore year. (If you are a transfer student, you may complete this in your junior year.)
 - FCS 3240 “Individual and Family Development,” completed after FCS 1050.
 - FCS 4899 “Senior Capstone,” completed after FCS 3240 and during your senior year.
- **An Internship** is highly recommended for this major.

Spreadsheet Competency Requirement

Demonstration of spreadsheet competency, explained in detail on the website of the School of Business, Government, and Economics, is required of all students graduating with this major. You can document this by passing BUS 1700 or by scoring at least 60 percent on the basic Microsoft Office Specialist exam for Microsoft Excel 2013, 2016, or later. For questions regarding the Spreadsheet Competency Requirement, contact Dr. Richard Sleight at sl8@spu.edu.

Fashion Institute of Technology (FIT)

If you are majoring in one of the Apparel Design and Merchandising majors and have maintained a minimum 3.0 GPA, you may apply for one of the specializations offered by the Fashion Institute of Technology in New York City liaison program.

Specializations offered through the liaison program with FIT include these:

- Fashion buying and merchandising
- Advertising and communication
- Advertising design
- Apparel production management
- Textile technology
- Textile design
- Fashion design
- Accessories design

If accepted, you will study at FIT your senior year and earn a dual degree — a BA from SPU and an AAS from FIT — upon completion for graduation.

If you are considering this option, speak with your academic counselor and faculty advisor early in your academic career in order to meet the requirements of both FIT and SPU.

APPAREL DESIGN AND MERCHANDISING MINOR

[VIEW DEGREE REQUIREMENTS](#)

- [Apparel Design and Merchandising Minor](#)

A minimum 33 credits are required for this minor, including 15 upper-division credits.

ENTERING AND COMPLETING A MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Human Development and Family Studies

PROGRAMS OFFERED

- Human Development and Family Studies (major and minor)

[Family and Consumer Sciences Faculty](#)

HUMAN DEVELOPMENT AND FAMILY STUDIES (BA)

VIEW DEGREE REQUIREMENTS

- [Human Development & Family Studies \(BA\)](#)

VIEW DEGREE REQUIREMENTS

- [Human Development & Family Studies Minor](#)

The BA in in Human Development and Family Studies offers an interdisciplinary approach to individual and family development across the lifespan, providing opportunities for you to study how people develop physically, cognitively, emotionally and socially within the context of the family and society.

It is a versatile undergraduate degree for anyone who is intrigued by human nature and the forces that help shape it. As a graduate, you will be prepared to work with people in a variety of roles, including social and family services, teaching and education, advocacy and non-profit work, and business and health related careers.

- **A minimum 71 credits are required for this major**, including 25 upper-division credits.
- **This major includes elective upper-division coursework** in sociology, psychology, and health sciences.
- **This major requires completion of the Family and Consumer Sciences Core**, which includes:
 - FCS 1050 Introduction to FCS, completed in your freshman or sophomore year. (If you are a transfer student, you may complete this in your junior year.
 - FCS 3240 Individual and Family Development, completed after FCS 1050.
 - FCS 4899 Senior Capstone, completed after FCS3240, and during your senior year.
- **You may combine this major** with the Family and Consumer Sciences Secondary Education major.
- **A minimum of 30 credits are required for the minor**, including 15 upper-division credits.

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).

- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Costume Design and Production (FCS)

NOTE: No new applicants are being received into the FCS Costume Design and Production program in the 2020-21 academic year. However, the identical **TRE version of the program** is still receiving students.

PROGRAMS OFFERED

- Costume Design and Production (major and minor)

[Family and Consumer Sciences Faculty](#)

COSTUME DESIGN AND PRODUCTION (BA)

[VIEW DEGREE REQUIREMENTS](#)

- [Costume Design and Production \(BA\) \(FCS Dept\)](#)

[VIEW DEGREE REQUIREMENTS](#)

- [Costume Design and Production Minor \(FCS Dept\)](#)

The Costume Design and Production program is a joint program between the Department of Family and Consumer Sciences (FCS) and the [Theatre Departmente](#) (TRE).

Through the combined study of theatre, apparel design, clothing construction, clothing history, and theatre history, we prepare students to become costumers, wardrobe managers, costume technicians and costume designers in professional theatre, film, or other performance genres.

Note: This major and minor are found in TRE and FCS. Be advised that these programs are identical in scope and requirement. If you take a major in one department and would like to add a minor, it must be in the other department. For example, if you are majoring in FCS Apparel Merchandising and would like to minor in Costume Design and Production, you would need to take that minor as a TRE.

- **A minimum 88 credits are required for this major**, including 36 upper-division credits.
- **A minimum 35 credits are required for this minor**, including 15 upper-division credits.
- **This major requires completion of the Family and Consumer Sciences Core**, which includes:
 - FCS 3240 Individual and Family Development.
 - FCS 4899 Senior Capstone, completed after FCS 3240 and during your senior year.
- **Core major courses from the Family and Consumer Sciences Department** include History of Costume, Textiles, and Flat Pattern Design.
- **Core courses from the Theatre Department** include Stagecraft, Analyzing and Interpreting Theatre, and Production Practicum.

Anthropology Minor

DEGREES OFFERED

- Anthropology (minor, track)

[Biology Faculty](#)

[Languages, Cultures, and Linguistics Faculty](#)

[Sociology Faculty](#)

VIEW DEGREE REQUIREMENTS

- [Anthropology Minor: Linguistics](#)
- [Anthropology Minor: Cultural Anthropology](#)
- [Anthropology Minor: Biological Anthropology](#)

The field of anthropology studies humans and human cultures in the past and present. In the anthropology minor, you will think critically about what it means to be human “beings.” You can choose from among three areas of emphasis in this minor.

- **Biological anthropology** is the study of the biological and behavioral aspects of human beings.
- **Cultural anthropology** is a comparative study of human cultures.
- **Linguistic anthropology** studies the role of language in the social lives of individuals and communities.
- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **This is an excellent minor for students** pursuing careers in medicine, missions, public health, education, ecology, and forensics.

ENTERING AND COMPLETING THE MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course

progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.

- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Food and Nutritional Sciences

PROGRAMS OFFERED

- Food and Nutritional Sciences (major, minor, and emphases)
- Nutrition and Dietetics (major)
- Post-baccalaureate Nutrition and Dietetics Internship

[Family and Consumer Sciences Faculty](#)

FOOD AND NUTRITIONAL SCIENCES MAJOR AND MINOR

VIEW DEGREE REQUIREMENTS

- [Food & Nutritional Sciences: Food & Nutrition Emphasis \(BS\)](#)
- [Food & Nutritional Sciences: Sports & Exercise Emphasis \(BS\)](#)

VIEW DEGREE REQUIREMENTS

- [Food and Nutritional Sciences Minor](#)
- **A minimum 89–110 credits are required for this major**, including 25 upper-division credits.
- **You must complete one of the two emphases** for the BS degree in Food and Nutritional Sciences:
 - Food and Nutritional Sciences (General) Emphasis
 - Sports and Exercise Emphasis
- **This major requires completion of the Family and Consumer Sciences Core**, which includes:
 - FCS 1050 Introduction to FCS, completed during your freshman or sophomore year. (If you are a transfer student, you may complete this in your junior year.)
 - FCS 3240 Individual and Family Development, completed after FCS 1050.
 - FCS 4899 Senior Capstone, completed after FCS 3240 and during your senior year.
- **You should complete the prerequisite courses** in chemistry, biology, and Family and Consumer Sciences (FCS 1050 and FCS 2365 or FCS 3340) by your junior year.
- **A minimum 55 credits are required for the minor**, including 15 upper-division credits.

NUTRITION AND DIETETICS (BS)

VIEW DEGREE REQUIREMENTS

- [Nutrition and Dietetics \(BS\)](#)
- **A minimum of 116 credits are required for this major**, including at least 25 upper-division credits.
- **This major requires completion of the Family and Consumer Sciences Core**, which includes: FCS 1050 Introduction to FCS, FCS 3240 Individual and Family Development, and 4899 Senior Capstone.
- **Also known as the Didactic Program in Dietetics (DPD)**, this major is approved by the [Accreditation Council for Education in Nutrition and Dietetics](#) (ACEND).
- **After you complete the DPD and the baccalaureate degree**, you are awarded the DPD Verification.

If you intend to become a registered dietitian (RDN), you must also complete a post-baccalaureate dietetic internship and pass the national registration examination for dietitians offered by the [Commission on Dietetic Registration](#).

Appointments to dietetic internships are awarded on a competitive basis. Additional information on educational requirements, the RDN credential and a listing of dietetic internships is available from the [Academy of Nutrition and Dietetics](#).

Complete program information can be found in the Dietetics Handbook, which is located on the [Dietetic Emphasis webpage](#) in the Family and Consumer Sciences Department webpages.

Post-baccalaureate students and the major

If you are a post-baccalaureate student seeking DPD verification, your course requirements are identical to those of the Dietetics emphasis, except for the following:

FCS 1050 Introduction to FCS and FCS 3240 Individual and Family Development are not required.

If you are a post-baccalaureate student seeking a second bachelor's degree in addition to DPD verification, you must complete the requirements listed above, as well as the following:

- **At least 45 credits** from SPU as a matriculated student.
- **At least 15 upper-division credits** in the major.
- **Five credits in** Christian Scriptures or Christian Theology

Your previous academic work, if completed within the last seven years, will be considered for meeting DPD requirements. A transcript review by the DPD director will determine the courses that you must complete to fulfill requirements.

The admission requirements and application process for post-baccalaureate students are identical to those listed above for undergraduate students.

If you are completing the requirements for a second baccalaureate degree, you may be eligible for federal student financial aid; non-degree students are not eligible for financial aid.

Admission data for the Nutrition and Dietetics Major

Admission to the Nutrition and Dietetics major is selective and based upon prior academic performance. Recent admission data is depicted below.

Academic Year	2015–16	2016–17	2017–18
Average GPA of Admitted Students	3.4	3.3	3.5
Lowest GPA of Admitted Students	3.0	3.0	3.0
Number of Applicants	19	12	15
Number Admitted	19	10	15

ENTERING AND COMPLETING A MAJOR OR MINOR

In order to earn a degree, you must complete an academic major. SPU encourages students to explore various academic paths, and students are not required to enter a major immediately upon admission to the University. However, you should enter a major by the end of your sophomore year to help ensure your timely completion of a degree. Students who transfer as juniors and seniors should identify and enter their major within their first two quarters at SPU.

- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **To advance in your program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** in effect in the SPU Undergraduate Catalog for the year of admittance to the major or minor.

Entering the Food and Nutritional Sciences Major or Minor

- **If this is your first quarter at SPU** and you wish to enter the Food and Nutritional Sciences major (either emphasis) or the minor, you may select a program by using the online [Major or Minor Application form](#). You will receive an email notification of acceptance.
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, use the online [Major or Minor Application form](#) to select your major or minor. You will receive an email notification of acceptance.

Apply to the Nutrition and Dietetics Major

- **Admission to the Nutrition and Dietetics major is selective** and based upon prior academic performance.
- **Before being admitted to the Nutrition and Dietetics major**, you are required to complete the following courses with a grade of C- or higher:
 - BIO 2129, BIO 2130; CHM 1310, CHM 1330, CHM 1360; FCS 1050; and FCS 2365 or FCS 3340.
- **An overall college GPA of 3.0 or higher is required** for application to this major.
- **Once you have met minimum requirements for application**, you may apply by using the online [Major or Minor Application form](#).
- **Your application is due** on or before the first Friday of Autumn, Winter, or Spring quarter.
- **Applications are reviewed once per quarter.**

POST-BACCALAUREATE NUTRITION AND DIETETICS INTERNSHIP

The SPU Nutrition and Dietetics Internship Program is a nine-month, post-baccalaureate program that provides dietetics interns with a minimum of 1,200 hours of supervised professional experiences and learning activities in the areas of clinical nutrition, community nutrition, and food service management.

Upon program completion of the internship program, graduates will be eligible to sit for the Registration Examination for Dietitian Nutritionists.

[Learn more](#) about this program's requirements and admission.

Women's Studies Minor

[Jennifer McKinney](#), PhD, Director

[VIEW DEGREE REQUIREMENTS](#)

- [Women's Studies Minor](#)

As an institution that centers its mission in the historical Christian faith, Seattle Pacific University affirms that women are created in God's image, redeemed by Christ, and called to lives of scholarship, service, and leadership.

- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **WST 2350 Introduction to Women's Studies, WST 4940 Internship** and WST 4960 Independent Project are this minor's Core courses.
- **You will choose 20–24 credits of electives.**
- **Because of its adaptability, this minor can easily complement majors** in areas such as [Sociology](#), [Psychology](#), [Theology](#), [History](#), [Communication](#), [English](#), [Languages, Cultures & Linguistics](#), [Political Science](#), [Family and Consumer Sciences](#), and [Business](#).
- **This minor welcomes both** male and female students to pursue it.
- **You will develop an understanding of the social construction of gender** in historical, contemporary, Western, and global contexts.
- **This minor teaches you skills of critical analysis**, problem solving, and value reasoning.

ENTERING AND COMPLETING THE MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU**, apply in Banner to gain entry to the minor by [following these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Urban Studies Minor

The Urban Studies minor is an interdisciplinary program that examines how planning, politics, demography, and social inequality impact modern urban environments.

The historical and contemporary forces that impact cities are explored to gain an understanding of the dynamic nature of urban centers. A minor in Urban Studies equips students in developing new strategies for producing better urban communities.

VIEW DEGREE REQUIREMENTS

- [Urban Studies Minor](#)
- **A minimum 30 credits are required for this minor**, including 15 upper-division credits.
- **Foundation requirements** include Urban Sociology and Mapping Crime: Geographic Info.
- **Electives include courses** from departments such as Sociology, Theology, Political Science, and Family and Consumer Sciences.

ENTERING AND COMPLETING THE MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU**, apply in Banner to gain entry to the minor by [following these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Criminal Justice

PROGRAM OFFERED

- Criminal Justice (major)

Sociology Faculty

The interdisciplinary curriculum for this major examines criminology, crime data analysis and mapping, and the contexts in which crime is rooted, or conversely, communities flourish.

With a degree in Criminal Justice, you'll graduate with an understanding of criminal behavior and the procedures and institutions within the criminal justice system. You'll see the links among the criminal justice system and criminal behavior and larger social forces. You will understand alternative approaches to address crime and related social problems and how to apply Christian values and ethical principles to criminal justice practices.

CRIMINAL JUSTICE (BA)

VIEW DEGREE REQUIREMENTS

- [Criminal Justice \(BA\)](#)

This major provides the academic foundation for a career in law enforcement, social work, mental health services, or corrections, as well as graduate work in criminology, sociology, social work, or law.

- **A minimum 66 credits** are required for this major, including at least 30 upper-division credits.
- **A maximum 10 credits** of URB 4940 "Internship in Criminal Justice" can apply to this major.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options which may include choosing a different major or minor.

you to explore options, which may include choosing a different major or minor.

- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Sociology

DEGREES OFFERED

- Sociology (major, minor)

[Sociology Faculty](#)

SOCIOLOGY (BA)

[VIEW DEGREE REQUIREMENTS](#)

- [Sociology \(BA\)](#)

Majoring in Sociology allows you to do a systematic study of societies, groups, and human interaction. SPU graduates have obtained graduate degrees in sociology, and gone on to practice law, go into social work and counseling, and enter social policy fields.

- **A minimum 53 credits are required for this major**, including 25 upper-division credits.
- **A maximum 10 credits of SOC 4949** Internship in Sociology can apply toward the major.
- **If you are already majoring** in another discipline, this major can be a good second major to complement it.
- **This major prepares you** to apply sociological perspectives critically to social institutions and problems, and learn the skills of research design, data collection, and data analysis.

SOCIOLOGY MINOR

[VIEW DEGREE REQUIREMENTS](#)

- [Sociology Minor](#)
- **A minimum 30 credits** are required, including 15 upper-division credits for the Sociology and Anthropology minors.
- **SOC 4940 Internship in Sociology does not apply** toward the Sociology minor.

ENTERING AND COMPLETING THE MAJOR OR A MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.

- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Interior Design and Interior Design Merchandising

PROGRAMS OFFERED

- Interior Design (major)
- Interior Design Merchandising (major)

[Family and Consumer Sciences Faculty](#)

INTERIOR DESIGN (BA)

VIEW DEGREE REQUIREMENTS

- [Interior Design \(BA\)](#)

Curriculum for the Interior Design major educates and trains you for a variety of entry-level positions in interior design in residential, commercial, and hospitality design, and in specialized areas such as kitchen and bath design and lighting design.

- **A minimum 112 credits are required for this majors** including 25 upper-division credits.
- **Your courses will involve** interdisciplinary courses with art; business; and family and consumer sciences.
- **This major requires completion of the Family and Consumer Sciences Core**, which includes:
 - FCS 1050 Introduction to FCS, completed in your freshman or sophomore year. (If you are a transfer student, you may complete this in your junior year.)
 - FCS 3240 Individual and Family Development, completed after FCS 1050.
 - FCS 4899 Senior Capstone, completed after FCS 3240 and during your senior year.
- **Principles of universal design** and sustainability are integrated into all your studio courses.
- **A student Interior Design Club** is on campus to assist you as you prepare for entrance into the professional design community.

INTERIOR DESIGN MAJOR ADMISSION DATA

Admission to the Interior Design major is limited to 16 students selected each spring. In recent years, all applicants have been admitted to the major — 10 students per year, on average. Selection is based on performance in selected courses, a portfolio and a written component. Recent admission data is depicted below.

Academic Year	2015-16	2016-17	2017-18
Average GPA of Admitted Students	3.4	3.3	3.4
Lowest GPA of Admitted Students	2.8	2.8	2.7

ENTERING AND COMPLETING THE INTERIOR DESIGN MAJOR

In order to earn a degree, you must complete an academic major. You should enter a major by the end of your sophomore year to help ensure your timely completion of a degree. Students who transfer as juniors and seniors should identify and enter their major within their first two quarters at SPU or as soon as they are able to apply to

the major.

- **Your overall college GPA** must be a minimum of 2.5 for admission to the Interior Design Major.
- **You must submit both** a written component (via the online [Major or Minor Application form](#)) and a portfolio component submitted through the Canvas learning management system. See the [Color Board information and instructions](#) (PDF).
- **Interior Design applications are reviewed only once per year** and are due on or before the first Friday of Spring quarter.
- **Prior to applying**, you must successfully complete ART 1102, FCS 2702, and FCS 2204 with a minimum grade of C (2.0) in each course.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** in effect in the SPU Undergraduate Catalog for the year of admittance to the major or minor.

INTERIOR DESIGN MERCHANDISING (BA)

VIEW DEGREE REQUIREMENTS

- [Interior Design Merchandising \(BA\)](#)

Curriculum for the Interior Design Merchandising major educates and trains you for a variety of entry-level positions in retail or wholesale operations, sales, and promotion components of merchandising products used in interior spaces such as furniture, textiles, and lighting.

- **A minimum 90 credits are required for this major**, including 25 upper-division credits.
- **Your courses will involve** interdisciplinary courses in art; business; and family and consumer sciences.
- **This major requires completion of the Family and Consumer Sciences Core**, which includes:
 - FCS 1050 Introduction to FCS, completed in your freshman or sophomore year. (If you are a transfer student, you may complete this in your junior year.)
 - FCS 3240 Individual and Family Development, completed after FCS 1050.
 - FCS 4899 Senior Capstone, completed after FCS 3240 and during your senior year.
- **Principles of universal design** and sustainability are integrated into all your studio courses.
- **A student Interior Design Club** is on campus to assist you as you prepare for entrance into the professional design community.

Spreadsheet Competency Requirement

[Demonstration of spreadsheet competency](#), explained in detail on the website of the School of Business, Government, and Economics, is required of all students graduating with this major. You can document this by passing BUS 1700 or by scoring at least 60 percent on the basic Microsoft Office Specialist exam for Microsoft Excel 2013, 2016, or later. For questions regarding the Spreadsheet Competency Requirement, contact Dr. Richard Sleight at sl8@spu.edu.

ENTERING AND COMPLETING THE INTERIOR DESIGN MERCHANDISING MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Interior Design Merchandising major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Computer Engineering

PROGRAMS OFFERED

- Computer Engineering (major and minor)

[Engineering faculty](#)

COMPUTER ENGINEERING (BS)

[VIEW DEGREE REQUIREMENTS](#)

- [Computer Engineering \(BS\)](#)

The BS in Computer Engineering program provides you with a strong foundation to design and analyze computer hardware and low-level software. The BS in Computer Engineering degree is accredited by the [Engineering Accreditation Commission of ABET](#).

- **A minimum 131 credits are required for this major**, including 59 upper-division credits.
- **All Engineering majors are required to participate in an [engineering-related internship](#)** with industry or another career entity.
- **This major includes requirements in mathematics and science** such as MAT 2720 Discrete Mathematics and PHY 1121 Physics and Science and Engineering.
- **Engineering requirements include** EGR 3810 General Engineering Design and EGR 4899 Computer Engineering Capstone and Design.

COMPUTER ENGINEERING MINOR

[VIEW DEGREE REQUIREMENTS](#)

- [Computer Engineering Minor](#)
- **A minimum 55 credits are required for this minor**, including 15 upper-division credits.
- **The 50 credits of required core courses** include CSC 1230 Problem Solving & Programming, CPE 3280 Microcontroller System Design, and MAT 1234 Calculus I.
- **Electives can be chosen from courses** such as CSC 3221 Netcentric Computing and CSC 3430 Algorithm & Analysis.

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Computer Engineering major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).

- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

2020–21 University Academic Calendar

Current and complete information can be found in the online [University Calendar](#).

SUMMER SESSIONS 2020

First four-week Summer Session begins	Mon, June 15
First four-week Education Graduate Session begins	Mon, June 22
Summer tuition refund deadline	Varies
Independence Day (holiday); no classes	Fri, July 3
Second four-week Summer Session begins	Mon, July 13
Last day to register for independent study, internship, individual instruction, and dissertation	Mon, July 13
Second four-week Education Graduate Session begins	Mon, July 20
Final examinations or last class for all day and evening classes	Fri, Aug 14
Grades due	Fri, Aug 28

Note: Graduate programs start/end dates vary by program. See the [Time Schedule](#) for specifics about your program.

AUTUMN QUARTER 2020

Autumn registration begins for Admitted Undergraduate and Graduate/Doctoral Students currently in attendance	M
Autumn registration for New Admits begins	F
Autumn housing deposit refund deadline for New Students	M
Autumn registration for Non-Admitted Students begins	M A
Autumn Quarter September Session begins	M
Labor Day (holiday)	M
New <i>International</i> Student housing check-in	T
New <i>International</i> Student Orientation	T S
New Student campus housing check-in (move-in times to be determined)	T
New Student Orientation	T
Returning-Student campus housing check-in (11 a.m.–5 p.m.)	T
Returning Student campus housing check-in (1–5 p.m.)	T
Class instruction begins	M
Last day for New Autumn Admits to complete initial registration	M
Waitlist ends	F
Last day to register or add courses, to register without a late fee, or to apply for Audit	F
Autumn Quarter 100% tuition refund deadline	F
Last Day to apply for Independent Study, Internships, Individual Instruction, Pass/No Credit, and Dissertation	F
Autumn Quarter 75% tuition refund deadline	F
Autumn Quarter 50% tuition refund deadline	F
Autumn Quarter 25% tuition refund deadline	F
Last day to withdraw from courses	F

Winter registration for all Admitted Undergraduate and Graduate/Doctoral Students currently in attendance	M
Winter registration for New Admits begins	M
Veterans Day (holiday); no classes	V
Last day of instruction	W
Student Reading Day	T
Final examinations or last meeting for all evening classes	T
Final examinations or last meeting for all day classes	F
Residence halls close for Christmas Break (10 a.m.)	W
Christmas Break for Students	N
Thanksgiving (holiday); campus closed	T
Winter registration for Non-Admitted Students begins	M
Grades due	T
Campus offices closed	D

WINTER QUARTER 2021

Winter registration for all Admitted Undergraduate and Graduate/Doctoral Students currently in attendance	Mon-T
Winter registration for New Admits begins	Mon, I
Winter registration for Non-Admitted Students begins	Mon, I
Residence halls open (1 p.m.; New Student check-in 1–4 p.m.)	Mon, ,
Class instruction begins	Tue, J
Last Day for New Winter Admits to complete initial registration	Tue, J
Waitlist ends	Mon, ,
Last day to register or add courses, to register without late fee, or to apply for Audit	Mon, ,
Winter Quarter 100% tuition refund deadline	Mon, ,
Martin Luther King Jr. Day (holiday); Monday-only evening classes must meet	Mon, ,
Last day to apply for Independent Study, Internships, Individual Instruction, Dissertation, and Pass/No Credit	Tue, J
Winter Quarter 75% tuition refund deadline	Tue, J
Winter Quarter 50% tuition refund deadline	Tue, J
Winter Quarter 25% tuition refund deadline	Tue, F
All classes meet as scheduled on Presidents' Day (no holiday)	Mon, I
Last day to withdraw from courses	Fri, Fe
Spring registration for all Admitted Undergraduate and Graduate/Doctoral Students currently in attendance	Mon-T Feb 2:
Spring registration for New Admits begins	Mon, I
Last day of instruction	Fri, Ma
Student Reading/Faculty In-Service Day	Mon, I
Spring registration for Non-Admitted Students begins	Mon, I
Final examinations or last meeting for all evening classes	Mon-T
Final examinations or last meeting for all day classes	Tue-T
Residence halls close for Spring Break (10 a.m.)	Fri, Ma
Spring Vacation for Students	Mar 19
Grades due	Wed, I

SPRING QUARTER 2021

Spring registration for all Admitted Undergraduate and Graduate/Doctoral Students currently in attendance	Mon– Feb 2
Spring registration for New Admits begins	Mon,
Spring registration for Non-Admitted Students begins	Mon,
Residence halls open (1 p.m.; New Student check-in 1–4 p.m.)	Sun, M
Class instruction begins	Mon,
Last Day for New Spring Admits to complete initial registration	Mon,
Good Friday (holiday); no classes	Fri, Ap
Easter Monday (half-day holiday); class instruction begins at 12:30	Mon,
Waitlist ends	Mon,
Last day to register or add courses, to register without late fee, or to apply for Audit	Mon,
Spring Quarter 100% tuition refund deadline	Mon,
Last day to apply for Independent Study, Internships, Individual Instruction, Dissertation, and Pass/No Credit	Mon,
Spring Quarter 75% tuition refund deadline	Mon,
Spring Quarter 50% tuition refund deadline	Mon,
Spring Quarter 25% tuition refund deadline	Mon,
Summer registration begins	Mon,
Autumn registration for all Admitted Undergraduate and Graduate/Doctoral Students currently in attendance	Mon– May 1
Last day to withdraw from courses	Fri, M
Autumn registration for New Admits begins	Fri, M
Memorial Day (holiday)	Mon,
Last day of instruction	Fri, Ju
Student Reading/Faculty In-Service Day	Mon,
Final examinations or last meeting for all evening classes	Mon–
Final examination or last meeting for all day classes	Tue–T
Residence halls close for Summer Break (4:00 p.m.)	Fri, Ju
Ivy Cutting	TBD
Graduate Commencement	TBD
Undergraduate Commencement	Sun, J
Graduating seniors vacate housing (time TBD)	Mon,
Grades due	Mon,

Cellular and Molecular Biology (BS)

VIEW DEGREE REQUIREMENTS

- [Cellular and Molecular Biology \(BS\)](#)

The Cellular and Molecular Biology program is intended for students interested in pursuing a career or postgraduate training in cellular, developmental, genetics or molecular biology. This major prepares you for careers such as clinical microbiology, medical or agricultural biotechnology, medicine or genetic counseling.

- **A minimum 107 credits are required for this major**, including at least 26 upper-division credits in biology.
- **This major emphasizes** undergraduate research.
- **Students should target a minimum 3.0 GPA** in their science coursework if they intend to pursue postgraduate training.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Cellular and Molecular Biology major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Applied Human Biology (BS)

VIEW DEGREE REQUIREMENTS

- [Applied Human Biology \(BS\)](#)

The BS in Applied Human Biology is designed for students intending to pursue post-graduate training in physical therapy or physician's assistant programs.

- **A minimum 108 credits are required for this major**, including 23 upper-division credits.
- **The interdisciplinary curriculum in this major** will satisfy the basic requirements for entry into physical therapy as outlined by the [American Association of Physical Therapists](#).
- **Students intending to pursue postgraduate training** should target a minimum 3.0 GPA in their science coursework.
- **If you are interested in pre-professional health-science training**, consult with your advisor as early as possible to determine how best to meet your career goals. Please visit the [Biology PPHS resource site](#) for more information.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified the Applied Human Biology major as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Student Rights and Responsibilities Regarding Transfer

Seattle Pacific University endorses the rights and responsibilities regarding transfer students as established by the Washington Student Achievement Council.

1. **Students have the right to clear, accurate, and current information** about their transfer-admission requirements, transfer-admission deadlines, degree requirements, and transfer policies that include course equivalencies.
2. **Transfer and freshman-entry students** have the right to expect comparable standards for regular admission to programs and comparable program requirements.
3. **Students have the right to seek clarification** regarding their transfer evaluation and may request the reconsideration of any aspect of that evaluation. In response, the college will follow established practices and processes for reviewing its transfer credit decisions.
4. **Students who encounter other transfer difficulties** have the right to seek resolution. Each institution will have a defined process for resolution that is published and readily available to students.
5. **Students have the responsibility** to complete all materials required for admission and to submit the application on or before the published deadlines.
6. **Students have the responsibility** to plan their courses of study by referring to the specific published degree requirements of the college or academic program in which they intend to earn a bachelor's degree.
7. **When a student changes a major or degree program**, the student assumes full responsibility for meeting the new requirements.

Rights and Responsibilities of Seattle Pacific University Regarding Transfer

1. **Colleges and universities have the right and authority** to determine program requirements and course offerings in accordance with their institutional missions.
2. **Colleges and universities have the responsibility** to communicate and publish their requirements and course offerings to students and the public, including information about student transfer rights and responsibilities.
3. **Colleges and universities have the responsibility** to communicate their admission and transfer related decisions to students in writing (electronic or paper).

WHO WE ARE

The Art Department offers students three majors: Art History and Visual Studies, Visual Communications, and Art, which includes four different emphases: General Art, Studio Arts, Illustration/New Pictures, and Photography/Digital Media.

OUR MISSION

From tactile to technical mediums, students learn the elements and principles of the visual arts and communication. Critical thinking skills are also developed, equipping graduates to view their work in a broader historical, cultural and spiritual context. Graduates of our program are prepared to begin advanced study or work professionally in art and design.

LEARNING OUTCOMES

For students both during the time in the program and after graduation, the Art Department's goals for them include:

1. **Acquaint students with the fundamental elements** and principles of the visual arts and design.
2. **Develop students' skills** in the use of various traditional and experimental forms of studio and technological media.
3. **Encourage application of skills** in a manner that engages contemporary culture.
4. **Build cultural literacy** through exposure to art history and critical theory.
5. **Encourage students' exploration** of the spiritual nature of art and design as an expression of their faith. The curriculum provides training in studio arts, digital media, visual communication and art history, and aims to prepare students for both professional practice and advanced study.

English

PROGRAMS OFFERED

- English (major, minor, and concentrations)

English Faculty

As an English major or minor, you will encounter some of life's fundamental questions about the human condition. You will think about the truth-telling possibilities of story, cultivating an understanding of the word as God's uniquely human gift.

You will think, read, and write extensively in an English academic program marked by a strong degree of community both inside and outside the classroom. You will read texts including *Beowulf*, Shakespeare, and traditional great works of the Western canon as well as emerging voices worldwide.

And because the study of English also rests on the rigorous tools of critical thinking and textual interpretation, you will find an English major or minor is excellent preparation for life beyond the university as well.

Find out more about this program's [mission, vision, and learning outcomes](#).

ENGLISH (BA)

VIEW DEGREE REQUIREMENTS

- [English: Creative Writing Concentration \(BA\)](#)
- [English: Literature Concentration \(BA\)](#)
- **A minimum of 63–66 credits is required for this major**, including 30 upper-division credits.
- **In either the Literature or Creative Writing Concentration**, you must complete a shared core of courses that ground your understanding of literary history and the interpretive tools of our discipline.
- **Each concentration has a second core requirement** emphasizing craft and methodology.
- **If you choose both the Literature and Creative Writing concentrations**, the core English major courses may count toward both concentrations, but no more than 10 other English credits may be counted twice.
- **After you matriculate at SPU**, no more than 10 credits earned through another university, domestically or abroad, may be applied to the English major. Students with extenuating circumstances may petition this restriction.

ENGLISH MINOR

VIEW DEGREE REQUIREMENTS

- [English Literature Minor](#)
- [English Professional Writing Minor](#)
- [English Creative Writing Minor](#)
- **A minimum of 30–33 credits are required for this minor**, including 15 upper-division credits.
- **Three minors** are available: Creative Writing, Literature, and Professional Writing.
- **Each minor includes** Core courses as well as electives.

- **If you are an English major**, no more than 10 English credits may be counted toward both the major and the minor.

ENTERING AND COMPLETING THE MAJOR OR MINOR

In order to earn a degree, you must complete an academic major. SPU encourages students to explore various academic paths, and students are not required to enter a major immediately upon admission to the University; however, you will be expected to enter a major by the end of your sophomore year to help ensure your timely completion of a degree. Students who transfer as juniors and seniors should identify and enter their major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you wish to enter a major or minor in this department, you may select a program by using the online [Major or Minor Application form](#). You will receive an email notification of acceptance.
- **If you are a continuing SPU student with an SPU cumulative GPA of 2.0 or better**, use the online [Major or Minor Application form](#) to select your major or minor. You will receive an email notification of acceptance. Students on academic probation (with an SPU cumulative GPA below 2.0) will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing another major or minor.
- **You must complete the major or minor requirements** in effect in the SPU Undergraduate Catalog for the year of admittance to the major or minor.

FUTURE TEACHERS

[VIEW DEGREE REQUIREMENTS](#)

- [Integrated Studies: Language Arts Concentration \(BA\)](#)

Certification with elementary education endorsement

If you plan to teach in an elementary school and are interested in English or Language Arts, you must major in [Integrated Studies](#) with a concentration in Language Arts and complete the Teacher Certification program through the School of Education. The faculty advisor for the Language Arts concentration is Dr. Middeljans (amiddel@spu.edu). Alternatively, you may pursue your certification as a post-baccalaureate or graduate student.

Certification with secondary education endorsement

If you plan to teach English in a middle or high school, you should major in English and complete the [Teacher Certification program](#) through the School of Education. Alternatively, you may pursue your certification as a post-baccalaureate or graduate student.

STUDY ABROAD OPPORTUNITIES

Scotland and Ireland Seminar

This SPU Global Seminar, taught by Dr. Chaney, is a biennial study abroad program offering you an opportunity

This SPU Global Seminar, taught by Dr. Shanley, is a biennial study abroad program offering you an opportunity to study literature and culture in Edinburgh and Dublin during the month of September (prior to Autumn Quarter). [Learn more](#)

South Africa Seminar

This SPU Global Seminar, taught by Dr. Segall, is a biennial study abroad program offering you an opportunity to study literature and culture in South Africa during the month of September (prior to Autumn Quarter). [Learn more](#)

Literature and Creative Writing in Rome

This biennial summer program, taught by Dr. Maier, offers you the opportunity to study literature and creative writing while staying in the Eternal City of Rome for a month. [Learn more](#)

Spain and Morocco Seminar

This SPU Global Seminar, taught by Dr. Segall, is a biennial study abroad program offering you an opportunity to study literature and culture during the month of September (prior to Autumn Quarter) while making the transnational journey from Granada in Moorish Spain to Fes in Morocco. [Learn more](#)

For details about all study abroad opportunities, visit SPU's [Global Education: Study Abroad](#) pages.

WHO WE ARE

Historical study at SPU seeks a balanced understanding of world cultures, exploring the roots and development of Western civilization in the ancient and medieval periods, tracing the interaction between the West and the rest of the world, and probing more deeply into American, European, and non-Western history.

OUR MISSION

The Department of History prepares students for service by studying the past as it relates to the present and to the future; ours is an approach that affirms worthy heritages, welcomes long-neglected voices, applies innovative tools, interacts with other fields of study, and cultivates the virtue of hope in world both deeply divided and globally interwoven.

LEARNING OUTCOMES

Students taking history courses will:

- **Engage in wide reading**, deep thinking, and clear communication about the vast record of human experience.
- **Learn how to discover facts**, weigh interpretations, and draw conclusions in order to comprehend the present, envision alternative scenarios, and identify with generations to come.
- **Become knowledgeable about the human story** in its many phases and dimensions — ancient, medieval and modern; United States, European, non-Western, and global; and the heritage of Christian faith and practice.

WHO WE ARE

The Biology Department offers degrees in Biology, Applied Human Biology, Ecology, Molecular and Cellular Biology, and Physiology to prepare students for entry into post graduate professional schools and diverse careers in the field of Biology.

We are committed to immersing students in the processes of science by engaging them in authentic research projects both in our classrooms and research laboratories. We also provide a comprehensive [Pre-Professional Health Sciences program](#) that supports students pursuing careers in the health sciences through individual mentorship and a curriculum tailored to meet students' advising needs.

OUR MISSION

The Department of Biology has four primary goals:

1. **We seek to promote** the scientific study of life.
2. **We work to improve** communication and critical thinking in issues related to biology.
3. **We strive for excellence** in scientific training for those who pursue careers in scientific fields.
4. **We are committed** to the development of personal integrity and wholeness in our community of faculty and students.

LEARNING OUTCOMES

Please see the [Department of Biology website](#) for more information.

Degree Requirements

FILM STUDIES MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

FILM STUDIES MINOR CORE

Course	Attributes	Credits
FLM 2001 Film History I: Beginnings-1960	WKA	5
FLM 2002 Film History II: 1960-Present	WKA, CUE	5
FLM 3000 Directors & Genres	UD	5
COM 3780 Introduction to Film	WKA, W, UD	5
SECTION CREDITS REQUIRED		20

FILM ELECTIVES

Course	Attributes	Credits
FLM 1001 Intro to Film Genres (5)	WKA	10
ENG 1220 Film and Faith (5)	WKH	
FLM 3003 Documentary Film (5)	UD	
ENG 3325 Film and Story (5)	W, UD	
COM 3781 A World on Film (5)	W, UD, WE, CUE	
FLM 3781 A World on Film (5)	W, UD, WE, CUE	
COM 4604 Com Sem: Writing Film Criticism (5)	W, UD	
COM 4950 Advanced Topics in Commun (1-5)	UD	
FLM 4950 Special Topics in Film Studies (5)	UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

COMMUNICATION: COMMUNICATION STUDIES TRACK (BA)

60 Credits Minimum, Including 28 Upper Division (UD)

COMMUNICATION: GENERAL CORE

Course	Attributes	Credits
COM 1101 Intro to Interpersonal Commun	WKH	5
COM 1321 Public Speaking	WKH	5
COM 2323 Argumentation:Art of Inference	-	5
COM 3001 Theories of Communication	W, UD	5
COM 4899 Communication Ethics(Capstone)	W, UD	5
JRN 1000 Fundmntls Digital&Online Media	WKH	5
JRN 3355 The Public & the Media	UD	5
SECTION CREDITS REQUIRED		35

COMMUNICATION STUDIES TRACK

Course	Attributes	Credits
COM 3628 Foundations Western Rhetoric (5)	W, UD	5
COM 3629 Modern Rhetorical Theory (5)	W, UD	
COM 4265 Organizational Communication	UD	5
SECTION CREDITS REQUIRED		10

SENIOR SEMINARS (TAKE ONE)

Course	Attributes	Credits
COM 4601 Com Sem:Advancd Public Speakng (5)	UD	5
COM 4602 Com Sem: Adv Interpersonal Com (5)	UD	
COM 4603 Com Sem: Persuasive Campaigns (5)	UD	
COM 4604 Com Sem: Writing Film Criticism (5)	W, UD	
COM 4605 Com Semnr:Gender Communication (5)	UD	
COM 4606 Com Seminar: Special Topics (5)	UD	
COM 4607 Com Sem: Rhetoric of Dissent (5)	UD, CUE	
SECTION CREDITS REQUIRED		5

ELECTIVES (SENIOR SEMINARS NOT USED ABOVE CAN COUNT HERE)

Course	Attributes	Credits
BUS 3541 Marketing & Society (5)	UD	
BUS 3544 Digital & Social Media Mktg (5)	UD	
COM 1930 Forensics Practicum (1-2)	-	
COM 1930 Forensics Practicum (1-2)	-	
COM 3160 Conflict Management (5)	UD	
COM 3700 Health Communication (3)	UD	
COM 3701 Applied Health Communication (2)	UD	
COM 3780 Introduction to Film (5)	WKA, W, UD	
COM 3781 A World on Film (5)	W, UD, WE, CUE	
COM 3930 Forensics Practicum (1-2)	UD	
COM 3931 Communication Practicum (1-2)	UD	
COM 4180 Cultural Communication (5)	UD, CUE	
COM 4323 Performing Literature (5)	UD	
COM 4900 Independent Study (1-5)	UD	
COM 4930 Instructional Practicum (1-5)	UD	
COM 4940 Coop EDU: Internship in COM (1-5)	UD	
COM 4950 Advanced Topics in Commun (1-5)	UD	10
FLM 2001 Film History I: Beginnings-1960 (5)	WKA	
FLM 2002 Film History II: 1960-Present (5)	WKA, CUE	
FLM 3000 Directors & Genres (5)	UD	
JRN 2101 Media Writing (5)	-	
JRN 2202 Reporting and Storytelling (5)	-	
JRN 2203 Editing and Design (5)	-	
JRN 2801 Newspaper Production (1-2)	-	
JRN 2802 Newspaper Production (1-2)	-	
JRN 2803 Newspaper Production (1-2)	-	
JRN 3301 Media Law (5)	W, UD	
JRN 3930 Publication Editor Practicum (1-3)	UD	
JRN 3931 Publication Editor Practicum (1-3)	UD	
JRN 3932 Publication Editor Practicum (1-3)	UD	
JRN 4121 Convergence Journalism (5)	UD	
JRN 4940 Coop Ed: Journalism Internship (1-5)	UD	
JRN 4941 Coop Ed: Journalism Internship (1-5)	UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		60

WHO WE ARE

We are students and scholars who embrace the power of communication in oral, written, and mediated forms. We seek to understand the processes of creating and understanding messages.

OUR MISSION

The Department of Communication, Journalism, and Film prepares graduates of competence and character, who understand communication as a social, intellectual, ethical, and artistic process and who engage in communication and journalism as a responsible human behavior.

LEARNING OUTCOMES

- Majors create and comprehend messages in written, oral, and mediated forms, for a variety of public and personal forums.
- Majors research and explore both theories and skills, adopting three focal points: the person, the message, and the medium and cultural context.
- Majors understand approaches to ethical decision-making in the communication process.

Degree Requirements

FILM STUDIES (BA)

65 Credits Minimum, Including 30 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
FLM 1001 Intro to Film Genres	WKA	5
FLM 2001 Film History I: Beginnings-1960	WKA	5
FLM 2002 Film History II: 1960-Present	WKA, CUE	5
FLM 3000 Directors & Genres	UD	5
COM 3780 Introduction to Film	WKA, W, UD	5
COM 4604 Com Sem: Writing Film Criticism	W, UD	5
FLM 3781 A World on Film (5) COM 3781 A World on Film (5)	W, UD, WE, CUE W, UD, WE, CUE	5
SECTION CREDITS REQUIRED		35

PRODUCTION COURSES

Course	Attributes	Credits
ART 1107 Art Foundations 3: Time	-	5
ART 3700 Experimental Video Art	UD	5
ART 3800 Film Production (5) FLM 3800 Film Production (5)	UD UD	5
ART 4943 Art Internship	UD	5
SECTION CREDITS REQUIRED		20

ELECTIVES (CHOOSE 10 CREDITS BELOW OR CCCU LA FILM STUDIES)

Course	Attributes	Credits
FLM 3003 Documentary Film (5)	UD	10
FLM 4950 Special Topics in Film Studies (5)	UD	
ENG 1220 Film and Faith (5)	WKH	
ENG 3325 Film and Story (5)	W, UD	
FRE 3260 Les Arts Francais (3)	UD	
SECTION CREDITS REQUIRED		10

MINIMUM TOTAL CREDITS REQUIRED	65
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WHO WE ARE

The Engineering and Computer Science Department provides majors and minors in Computer Science, Computer Engineering, Electrical Engineering, General Engineering, Mechanical Engineering, and Information Systems.

OUR MISSION

Our mission is to equip students with theoretical knowledge and applied skills to create and utilize appropriate solutions in Engineering and Computing disciplines. Within a supportive Christian community, we prepare our students to become responsible and effective servant-leaders.

LEARNING OUTCOMES

Please see the [Engineering Department website](#) for learning outcomes.

Degree Requirements

MATHEMATICS (BA)

64 Credits Minimum, Including 35 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
MAT 1234 Calculus I	WKQR	5
MAT 1235 Calculus II	-	5
MAT 1236 Calculus III	-	5
MAT 2360 Intro to Stats for Sciences	WKQR	5
MAT 2401 Linear Algebra	-	3
MAT 2720 Discrete Mathematics	-	3
MAT 3237 Differential Equations	UD	3
MAT 3238 Vector Calculus	UD	3
MAT 3442 Geometry	UD	4
MAT 3749 Introduction to Analysis	UD	5
MAT 3751 Real Analysis II (3)	UD	3
MAT 4403 Modern Algebra II (3)	W, UD	
MAT 3899 Mathematical Writing	W, UD	2
MAT 4402 Modern Algebra I	W, UD	3
MAT 4899 Senior Capstone Seminar	W, UD	3
SECTION CREDITS REQUIRED		52

Appr UD MAT Electives (2cr max in MAT 4930). See Addt'l Info	12
MINIMUM TOTAL CREDITS REQUIRED	64

ADDITIONAL REQUIREMENTS AND INFORMATION

- For Sec Edu Endorsement, take MAT 3401 & (MAT 3333 or 3360)
- MAT 3562 not permitted as UD Math Elective

Degree Requirements

COMMUNICATION MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

COMMUNICATION MINOR CORE

Course	Attributes	Credits
COM 1101 Intro to Interpersonal Commun	WKH	5
COM 1321 Public Speaking	WKH	5
COM 3001 Theories of Communication	W, UD	5
SECTION CREDITS REQUIRED		15

ELECTIVE CREDITS IN COMMUNICATION (INCL AT LEAST 10 UD)

Course	Attributes	Credits
BUS 3544 Digital & Social Media Mktg (5)	UD	
COM 2227 Small Group Disc & Leadership (5)	-	
COM 2323 Argumentation:Art of Inference (5)	-	
COM 3160 Conflict Management (5)	UD	
COM 3628 Foundations Western Rhetoric (5)	W, UD	
COM 3629 Modern Rhetorical Theory (5)	W, UD	
COM 3700 Health Communication (3)	UD	
COM 3701 Applied Health Communication (2)	UD	
COM 3780 Introduction to Film (5)	WKA, W, UD	
COM 3781 A World on Film (5)	W, UD, WE, CUE	
COM 4180 Cultural Communication (5)	UD, CUE	
COM 4323 Performing Literature (5)	UD	
COM 4601 Com Sem:Avanccd Public Speakng (5)	UD	
COM 4602 Com Sem: Adv Interpersonal Com (5)	UD	
COM 4603 Com Sem: Persuasive Campaigns (5)	UD	
COM 4604 Com Sem: Writing Film Criticism (5)	W, UD	
COM 4605 Com Semnr:Gender Communication (5)	UD	
COM 4606 Com Seminar: Special Topics (5)	UD	15
COM 4607 Com Sem: Rhetoric of Dissent (5)	UD, CUE	
COM 4950 Advanced Topics in Commun (1-5)	UD	
JRN 1000 Fundmntls Digital&Online Media (5)	WKH	
JRN 2101 Media Writing (5)	-	
JRN 2202 Reporting and Storytelling (5)	-	
JRN 2203 Editing and Design (5)	-	
JRN 2801 Newspaper Production (1-2)	-	
JRN 2802 Newspaper Production (1-2)	-	
JRN 2803 Newspaper Production (1-2)	-	

JRN 3301 Media Law (5)	W, UD	
JRN 3355 The Public & the Media (5)	UD	
JRN 3930 Publication Editor Practicum (1-3)	UD	
JRN 3931 Publication Editor Practicum (1-3)	UD	
JRN 3932 Publication Editor Practicum (1-3)	UD	
JRN 4121 Convergence Journalism (5)	UD	
JRN 4940 Coop Ed:Journalism Internship (1-5)	UD	
JRN 4941 Coop Ed:Journalism Internship (1-5)	UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		30

WHO WE ARE

The Mathematics Department offers three degree paths — a bachelor of arts, a bachelor of science, and a flexible degree in Applied Mathematics, where the student chooses the applied area to study.

Our graduates have gone to graduate school in mathematics and other fields and are employed in teaching, data analysis, actuarial work, statistics, legal work, and programming, as well as other areas.

OUR MISSION

The Mathematics Department at Seattle Pacific University seeks to provide excellent instruction to enable our students to become competent in the mathematics required for their chosen fields, and to share our expertise with the community through service and leadership.

LEARNING OUTCOMES

- **Students who have completed a math** course at SPU will have an increased appreciation for the beauty and utility of mathematics.
- **Graduates will have mastery of**, and confidence in, the core materials of mathematics.
- **Graduates will serve as mentors** to others in mathematical skills and knowledge.
- **Graduates will prepare and present** a substantial project to the Seattle Pacific community.
- **Graduates will be able to solve** complex problems using mathematical tools.

WHO WE ARE

SPU's Music Department trains undergraduates interested in pursuing a career in music, as well as for those wanting to sharpen their musical skills, or pursue music as an avocation. SPU-educated musicians, music educators, and music therapists are in high demand throughout the Pacific Northwest and beyond. The Music Department values the richness that diversity brings to the learning community at SPU, and faculty and students strive to maintain respect for the rigor of learning from and with one another.

OUR MISSION

The Music Department at Seattle Pacific University seeks to be an exemplary community committed to helping students to develop their talents and abilities fully, to engage cultural heritage, and to integrate music knowledge and skills in a life characterized by Christian faith, wholeness, and service.

MUSIC DEPARTMENT GOALS

- We are committed to helping students develop their talents and abilities fully. As Christians, we affirm that we are formed in the image of God, and are endowed with the ability and the mandate to be creative. Therefore, we expect students to embrace their own giftedness, understand their potential, and exercise good stewardship through study, practice, and performance.
- Through the study of music in its cultural, sociological, and historical contexts, we seek to graduate people who engage cultural heritage, who understand who they are, who possess historical perspective, and who will, therefore, be positive change agents in their communities.
- We value music as a way to serve God and the greater community. Therefore, we are committed to helping students to integrate their knowledge and skills with their faith, equipping them for lives of service.

LEARNING OUTCOMES

A 21st Century musician trained at Seattle Pacific University will have strong abilities in three primary areas:

Musicianship core

Our core classes in music will acknowledge and message lifelong growth and talent development. Here, content and the skills developed are timeless, unchanging, and culturally / genre universal.

- Music Fundamentals (Aural Skills, Ear Training, Rhythm Development)
- Music Theory (Harmony, voice-leading, analysis, composition)
- Music History (Critical listening, understanding of musical styles from the Renaissance to today and across the globe.)

Cultural and contextual understanding

- Reflecting on how to create art with a social consciousness
- Exploring the intersection of faith and our work
- Developing identity and cultural context

21st century essential skills

Certainly, these skills are not new as Bach, Mozart, and Beethoven were all improvisers, performers, composers,

and business people. However, these components not systemically and universally taught in most traditional music schools. We believe that these skills are crucial to defining what will become a complete musician in the coming decades of the 21st century.

- **Performance:** Technique development and repertoire knowledge of the student's primary instrument or vocal type.
- **Composition:** Creative application of learned skills in both traditional written contexts and in electronic sound design. Skills in arranging and collaboration.
- **Improvisation:** As a separate and unique skill in need of study and development. Much of the music of the past century is of an improvised language and we anticipate that the convergence of improvisation, performance, and composition will continue long into the future.
- **Technology Integration:** Understanding and competence in the professional technological capabilities in music is of crucial importance for all musicians. Students will work from music creating and generation, to recording and producing, to integration of electronic elements in live performance.
- **Business Savvy:** The modern musician is often self-employed and has a portfolio-based career. Skills in marketing and promotion, fundraising, budgets, networking, and freelancing are essential to both financial and artistic success.

With a Music degree, graduates enter a wide variety of careers, from church musician to ethnomusicologist, composer to music critic, music librarian to music teacher. They also work in arenas as diverse as business or entertainment.

The Music Therapy Program's rigorous, multidisciplinary curriculum trains students to realize their potential as a music therapist, prepare for the six-month clinical internship, and, ultimately, pass the national examination to earn Board Certified Music Therapist (MT-BC) designation.

Degree Requirements

APPLIED MATHEMATICS (BS)

78 Credits Minimum, Including 47 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
CSC 2230 Comptr Programmng for Engineers	WKAS	5
MAT 1234 Calculus I	WKQR	5
MAT 1235 Calculus II	-	5
MAT 1236 Calculus III	-	5
MAT 2360 Intro to Stats for Sciences	WKQR	5
MAT 2401 Linear Algebra	-	3
MAT 2720 Discrete Mathematics	-	3
MAT 3899 Mathematical Writing	W, UD	2
MAT 4899 Senior Capstone Seminar	W, UD	3
SECTION CREDITS REQUIRED		36

Approved Upper Division Math Electives	22
Approved Upper Division Electives in Related Field	20
MINIMUM TOTAL CREDITS REQUIRED	78

ADDITIONAL REQUIREMENTS AND INFORMATION

- MAT 3237, 3238, and 3360 are strongly recommended.
- CSC 2430 may replace CSC 2230 if emphasizing computing.
- MAT 3562 & MAT 4930 are not permitted as UD Math Electives

Russian Studies

The Russian Studies Program is no longer accepting applicants for the major or minor. Although Russian courses are offered during the 2018–19 academic year, as indicated in the [Time Schedule](#), the program will be eliminated after Spring Quarter 2019.

ADDITIONAL LANGUAGE PROGRAMS

The Languages, Cultures, and Linguistics Department also offers the following programs:

- [Classics](#) (major, minor)
- [French and Francophone Studies](#) (major, minor)
- [Linguistics and Cultural Studies](#) (major, minor)
- [Mandarin Chinese](#) (1000- and 2000-level courses)
- [Spanish](#) (major, minor, tracks)

Degree Requirements

MATH MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

OPEN ELECTIVES IN MAT

Course	Attributes	Credits
MAT 1234 Calculus I (5)	WKQR	15
MAT 1235 Calculus II (5)	-	
MAT 1236 Calculus III (5)	-	
SECTION CREDITS REQUIRED		15

UD Credits (max 3 cr may be applied in MAT 4904 or MAT 4930)	15
MINIMUM TOTAL CREDITS REQUIRED	30

ADDITIONAL REQUIREMENTS AND INFORMATION

- MAT 3749 and MAT 4402 are strongly recommended.
- Teaching minor must include MAT 3749, 4402, and 3442

Degree Requirements

INTEGRATED STUDIES: MATHEMATICS CONCENTRATION (BA)

86 Credits Minimum, Including 36 Upper Division (UD)

LANGUAGE ARTS CORE

Course	Attributes	Credits
LIN 2100 Foundations of Language Study (5)	WKH	5
COM 1101 Intro to Interpersonal Commun (5)	WKH	
COM 1321 Public Speaking (5)	WKH	
EDRD 3516 Children's Literature (3)	UD	3
EDRD 3517 Young Adult Literature (3)	UD	
SECTION CREDITS REQUIRED		8

MATHEMATICS CORE

Course	Attributes	Credits
MAT 1560 Numerical Reasoning	-	4
MAT 2561 Statistical & Algebraic Reasng	WKQR	4
MAT 3562 Geometric Reasoning	UD	4
SECTION CREDITS REQUIRED		12

THE ARTS CORE

Course	Attributes	Credits
ART 3546 Art Education	WKA, UD	3
MUS 3501 Elementary Music Education	WKA, UD	3
TRE 3800 Theatre Education	WKA, UD	3
SECTION CREDITS REQUIRED		9

HEALTH & FITNESS CORE

Course	Attributes	Credits
HHP 3510 Teaching Physical Education	UD	5
SECTION CREDITS REQUIRED		5

NATURAL SCIENCES CORE

Course	Attributes	Credits
BIO 2571 Introduction to Biology	WKFS	5
PHY 2567 Devlp Concepts Physcl Science I	WKAS	3
PHY 2568 Devlp Concpt Physcl Science II	WKAS	4
SECTION CREDITS REQUIRED		12

SOCIAL SCIENCES CORE

Course	Attributes	Credits
POL 1120 American Government & Politics	WKSS	5
HIS 2502 The United States to 1876 (5)	WKSS	5
HIS 2503 The United States Since 1876 (5)	WKSS	
SECTION CREDITS REQUIRED		10

MATHEMATICS CONCENTRATION REQUIREMENTS

Course	Attributes	Credits
MAT 1234 Calculus I	WKQR	5
MAT 1235 Calculus II	-	5
MAT 2360 Intro to Stats for Sciences	WKQR	5
MAT 3442 Geometry	UD	4
MAT 3100 Introduction to Proof	UD	1
SECTION CREDITS REQUIRED		20

EDU OR MATHEMATICS CAPSTONE REQUIREMENT

Course	Attributes	Credits
EDU 4899 Teacher as Person-Capstone (2)	W, UD	2
MAT 4899 Senior Capstone Seminar (3)	W, UD	
SECTION CREDITS REQUIRED		2

ELECTIVES (THE FOLLOWING OR OTHER APPROVED UD MAT COURSE)

Course	Attributes	Credits
EDMA 3357 Teaching Secondary Mathematics (3)	UD	8
MAT 3401 Number Theory (3)	UD	
MAT 3333 Statistical Modeling (3)	UD	
MAT 4930 Practicum in Mathematics (2)	UD	
SECTION CREDITS REQUIRED		8
MINIMUM TOTAL CREDITS REQUIRED		86

WHO WE ARE

Family and Consumer Sciences (FCS) is an integrated discipline that serves families and individuals by providing holistic, interdisciplinary, integrative, and preventative perspectives in addressing the needs of individuals and families as consumers.

OUR MISSION

The Seattle Pacific University Department of Family and Consumer Sciences prepares students to address problems faced by individuals, families, and communities globally that involve food, clothing, and shelter through Christ-centered values of love, integrity, and justice.

LEARNING OUTCOMES

Goal 1: Graduates will be competent within an FCS program area.

- Students will demonstrate effective **communication skills** to convey ideas and information effectively.
- Students will use **critical thinking** to solve complex problems.
- Students will demonstrate **proficiency in skills** related to their program.
- Students will demonstrate the ability to **work collaboratively** to solve problems.
- Students will practice good **digital citizenship** through proper technology etiquette.

Goal 2: Graduates will demonstrate strength of character through personal and professional integrity.

- Students will complete course assignments while upholding the university expectations for **academic integrity**.
- Students will apply **ethical decision making** to current issues in their program.

Goal #3 Graduates will be faithful stewards in service to diverse communities.

- Students will differentiate characteristics of diverse communities (such as culture, race, ethnicity, socioeconomic status, ability, and marginalization or at-risk, etc.)
- Students will participate in a **service-learning** project and reflect on their experience in written form.
- Students will describe activities of **responsible citizenship and civic engagement** to create a more just society.

Degree Requirements

JOURNALISM MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

JOURNALISM MINOR CORE

Course	Attributes	Credits
JRN 2101 Media Writing	-	5
JRN 2202 Reporting and Storytelling	-	5
JRN 2203 Editing and Design	-	5
JRN 3355 The Public & the Media	UD	5
SECTION CREDITS REQUIRED		20

JOURNALISM MINOR ELECTIVES

Course	Attributes	Credits
JRN 3301 Media Law (5)	W, UD	5
JRN 4121 Convergence Journalism (5)	UD	
SECTION CREDITS REQUIRED		5

STUDENT MEDIA/INTERNSHIPS (5 UD CREDITS REQUIRED)

Course	Attributes	Credits
JRN 2801 Newspaper Production (1-2)	-	5
JRN 2802 Newspaper Production (1-2)	-	
JRN 2803 Newspaper Production (1-2)	-	
JRN 3930 Publication Editor Practicum (1-3)	UD	
JRN 3931 Publication Editor Practicum (1-3)	UD	
JRN 3932 Publication Editor Practicum (1-3)	UD	
JRN 4940 Coop Ed:Journalism Internship (1-5)	UD	
JRN 4941 Coop Ed:Journalism Internship (1-5)	UD	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		30

WHO WE ARE

The Engineering and Computer Science Department provides majors and minors in Computer Science, Computer Engineering, Electrical Engineering, General Engineering, Mechanical Engineering, and Information Systems.

OUR MISSION

Our mission is to equip students with theoretical knowledge and applied skills to create and utilize appropriate solutions in Engineering and Computing disciplines. Within a supportive Christian community, we prepare our students to become responsible and effective servant-leaders.

LEARNING OUTCOMES

Computer Science faculty have identified 12 primary Program Learning Objectives for students in our majors. Each of the courses in our curriculum is designed to help students achieve specific learning objectives that will help them progress toward the goal of becoming competent, responsible, and effective computing professionals.

Objective 1: Attainment of problem-solving skills, especially those required to analyze, design, and implement solutions involving the use of a computer.

Objective 2: Ability to program computers in a current programming language and use modern software and hardware engineering tools.

Objective 3: Understanding of modern computing systems and the theoretical aspects of computer science.

Objective 4: Demonstration of the necessary math and science skills to solve computing problems.

Objective 5: Reliability and responsibility in meeting commitments.

Objective 6: Ability to manage projects within multiple constraints and to meet multiple goals.

Objective 7: Ability to successfully lead and work in teams with diverse membership.

Objective 8: Effective oral and written communication of technical information using a variety of techniques.

Objective 9: Awareness of the ethical and social impacts of technology, and the ability to take responsible action.

Objective 10: Articulation of Christian perspectives on personal, societal, technical, and theological issues.

Objective 11: Preparation for continued learning in a rapidly changing discipline.

Objective 12: Ability to locate, analyze and apply information on current events and new technologies obtained from a wide variety of sources and experiences.

of sources and experiences.

Degree Requirements

COMPUTER SCIENCE (BS)

108 Credits Minimum, Including 46 Upper Division (UD)

GENERAL CORE: B.S. IN COMPUTER SCIENCE DEGREE

Course	Attributes	Credits
CSC 1230 Problem Solving & Programming	WKAS	5
CSC 2430 Data Structures I (5) CSC 2431 Data Structures II (5)	- -	10
CSC 3150 Systems Design	W, UD	5
CSC 3220 Applications Programming	UD	3
CSC 3221 Netcentric Computing	UD	3
CSC 3310 Concepts in Programming Langs	UD	3
CSC 3350 Operating Systems Programming	UD	3
CSC 3430 Algorithm Design & Analysis	UD	3
CSC 3760 Computer Orgnztion & Assem Lang	UD	5
CSC 4898 Senior Capstone Seminar	W, UD	2
MAT 1234 Calculus I (5) MAT 1235 Calculus II (5) MAT 1236 Calculus III (5)	WKQR - -	15
MAT 2200 Engineering Probability&Stats (3) MAT 2360 Intro to Stats for Sciences (5)	- WKQR	3
MAT 2401 Linear Algebra (3) MAT 3237 Differential Equations (3)	- UD	3
MAT 2720 Discrete Mathematics	-	3
EE 1210 Intro to Logic System Design	-	5
CPE 3280 Microcontroller System Design (5) EE 3280 Microcontroller System Design (5)	UD UD	5
SECTION CREDITS REQUIRED		76

SELECT 15 CR (MINIMUM OF 10 MUST BE FROM SAME DISCIPLINE)

Course	Attributes	Credits
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BIO 2101 General Biology (5)	WKFS	
BIO 2102 General Biology (5)	-	
BIO 2103 General Biology (5)	WKAS	
CHM 1211 General Chemistry I (5)	WKFS	
CHM 1212 General Chemistry II (5)	-	
CHM 1213 General Chemistry III (3)	-	15
CHM 2213 Inorganic Qualitative Analysis (2)	-	
CHM 1330 Survey of Organic Chemistry (5)	-	
PHY 1121 Physics for Sci & Engineering (5)	WKFS	
PHY 1122 Physics for Sci & Engineering (5)	-	
PHY 1123 Physics for Sci & Engineering (5)	-	
SECTION CREDITS REQUIRED		15

PROJECT & INTERNSHIP

Course	Attributes	Credits
CSC 3000 CSC Internship Preparation (1)	W, UD	
CSC 4151 Software Engineering I (3)	UD	8
CSC 4152 Software Engineering II (3)	UD	
CSC 4941 CSC Internship Review (1)	UD	
SECTION CREDITS REQUIRED		8

TECHNICAL ELECTIVES: SELECT 3 COURSES (9 OR MORE CREDITS)

Course	Attributes	Credits
CSC 4210 Theory of Computatn & Algorithn (3)	UD	
CSC 4310 Compiler Design (3)	UD	
CSC 4350 Advanced Operating Systems (3)	UD	
CSC 4410 Database Management (5)	UD	9
CSC 4430 Advanced Programming (3-5)	UD	
CSC 4750 Computer Networks (5)	UD	
CSC 4760 Advanced Computer Architecture (5)	UD	
CSC 4800 Adv Issues in Computer Science (3-5)	UD	
SECTION CREDITS REQUIRED		9
MINIMUM TOTAL CREDITS REQUIRED		108

Degree Requirements

COMMUNICATION: JOURNALISM TRACK (BA)

63 Credits Minimum, Including 25 Upper Division (UD)

COMMUNICATION: GENERAL CORE

Course	Attributes	Credits
COM 1101 Intro to Interpersonal Commun	WKH	5
COM 1321 Public Speaking	WKH	5
COM 2323 Argumentation:Art of Inference	-	5
COM 3001 Theories of Communication	W, UD	5
COM 4899 Communication Ethics(Capstone)	W, UD	5
JRN 1000 Fundmntls Digital&Online Media	WKH	5
JRN 3355 The Public & the Media	UD	5
SECTION CREDITS REQUIRED		35

JOURNALISM TRACK

Course	Attributes	Credits
JRN 2101 Media Writing	-	5
JRN 2202 Reporting and Storytelling	-	5
JRN 2203 Editing and Design	-	5
JRN 3301 Media Law	W, UD	5
JRN 4121 Convergence Journalism	UD	5
SECTION CREDITS REQUIRED		25

STUDENT MEDIA/INTERNSHIPS

Course	Attributes	Credits
JRN 2801 Newspaper Production (1-2)	-	3
JRN 2802 Newspaper Production (1-2)	-	
JRN 2803 Newspaper Production (1-2)	-	
JRN 3930 Publication Editor Practicum (1-3)	UD	
JRN 3931 Publication Editor Practicum (1-3)	UD	
JRN 3932 Publication Editor Practicum (1-3)	UD	
JRN 4940 Coop Ed: Journalism Internship (1-5)	UD	

JRN 4940 Coop Ed:Journalism Internship (1-5)	UD	
JRN 4941 Coop Ed:Journalism Internship (1-5)	UD	
SECTION CREDITS REQUIRED		3
MINIMUM TOTAL CREDITS REQUIRED		63

WHO WE ARE

The Theatre Department offers students four emphases with its Theatre major: Performance; Production & Design, Theatre Studies; and [P-12 Teaching](#). Students have many opportunities to be involved in theatre, both on and off campus. We strongly encourage them to take advantage of the strength of our department by getting to know our faculty.

OUR MISSION

The Theatre Department at Seattle Pacific has as its mission and vision to educate, train, and prepare theatre artists of character and competence who will engage and transform culture through faithful use of their creative gifts and talents. We help students learn to model the inherent connections between the theatre arts and Christian faith that comment on the human condition and experience, and reflect the human spirit.

LEARNING OUTCOMES

Studying theatre, performing theatre, costume design and production, and otherwise engaging in the world and work of theatre offers students many benefits. Students studying in the Theatre Department learn to:

- **Analyze and interpret play scripts** for purposes of production, using dramatic theory and theatre history.
- **Understand and utilize** design concepts and visual language.
- **Understand and employ** performance concepts such as voice, body, and character.
- **Communicate** through performance, writing, speaking & other modes the results of research, analysis, critical judgment & other discoveries.
- **Respond to** performance as critically informed members of the audience.
- **Constructively contribute** to intellectual & theological discussion & aesthetic development in a community context.

As career preparation, the study of theatre offers students challenges and meaningful rewards. Students' participation in this human endeavor is one that can change their lives and change the world.

Degree Requirements

COMPUTER SCIENCE MINOR

33 Credits Minimum, Including 15 Upper Division (UD)

CORE - BOTH COURSES REQUIRED

Course	Attributes	Credits
CSC 1230 Problem Solving & Programming	WKAS	5
CSC 2430 Data Structures I	-	5
SECTION CREDITS REQUIRED		10

INTERMEDIATE PROGRAMMING - SELECT ONE OF THE FOLLOWING

Course	Attributes	Credits
CSC 2431 Data Structures II (5)	-	3
CSC 3220 Applications Programming (3)	UD	
SECTION CREDITS REQUIRED		3

MATH - SELECT ONE OF THE FOLLOWING

Course	Attributes	Credits
MAT 1221 Survey of Calculus (5)	WKQR	5
MAT 1234 Calculus I (5)	WKQR	
MAT 2360 Intro to Stats for Sciences (5)	WKQR	
MAT 2700 Statistics for Business & Econ (5)	WKQR	
PSY 2360 Intro to Stats Soc & Behav Sci (5)	WKQR	
SOC 2360 Intro to Stats Soc & Behav Sci (5)	WKQR	
SECTION CREDITS REQUIRED		5

15 Approved UD credits (min. of 10 must be CSC 3000-4850)	15
MINIMUM TOTAL CREDITS REQUIRED	33

ADDITIONAL REQUIREMENTS AND INFORMATION

- 6 cr toward minor must not apply to any other major or minor

Degree Requirements

COMPUTER SCIENCE (BA)

74 Credits Minimum, Including 41 Upper Division (UD)

GENERAL CORE: B.A. IN COMPUTER SCIENCE DEGREE

Course	Attributes	Credits
CSC 1230 Problem Solving & Programming	WKAS	5
CSC 2430 Data Structures I (5) CSC 2431 Data Structures II (5)	- -	10
CSC 3150 Systems Design	W, UD	5
CSC 3220 Applications Programming	UD	3
CSC 3221 Netcentric Computing	UD	3
CSC 3310 Concepts in Programming Langs	UD	3
CSC 3350 Operating Systems Programming	UD	3
CSC 3430 Algorithm Design & Analysis	UD	3
CSC 3750 Computer Architectr/Organztion	UD	5
CSC 3011 Living in a Digital World	W, UD, WE	3
CSC 4898 Senior Capstone Seminar	W, UD	2
MAT 1221 Survey of Calculus	WKQR	5
MAT 2360 Intro to Stats for Sciences (5) MAT 2700 Statistics for Business & Econ (5)	WKQR WKQR	5
MAT 1720 Math for Computer Science	-	5
SECTION CREDITS REQUIRED		60

TECHNICAL ELECTIVES: SELECT 2 COURSES

Course	Attributes	Credits
CSC 4210 Theory of Computatn & Algorithm (3)	UD	6
CSC 4310 Compiler Design (3)	UD	
CSC 4350 Advanced Operating Systems (3)	UD	
CSC 4410 Database Management (5)	UD	
CSC 4430 Advanced Programming (3-5)	UD	
CSC 4750 Computer Networks (5)	UD	
CSC 4760 Advanced Computer Architecture (5)	UD	

CSC 4760 Advanced Computer Architecture (5)	UD	
CSC 4800 Adv Issues in Computer Science (3-5)	UD	
SECTION CREDITS REQUIRED		6

PROJECT & INTERNSHIP

Course	Attributes	Credits
CSC 3000 CSC Internship Preparation (1)	W, UD	
CSC 4151 Software Engineering I (3)	UD	8
CSC 4152 Software Engineering II (3)	UD	
CSC 4941 CSC Internship Review (1)	UD	
SECTION CREDITS REQUIRED		
MINIMUM TOTAL CREDITS REQUIRED		74

Degree Requirements

INTEGRATED STUDIES: NATURAL SCIENCES CONCENTRATION (BA)

91 Credits Minimum, Including 39 Upper Division (UD)

LANGUAGE ARTS CORE

Course	Attributes	Credits
LIN 2100 Foundations of Language Study (5)	WKH	5
COM 1101 Intro to Interpersonal Commun (5)	WKH	
COM 1321 Public Speaking (5)	WKH	
EDRD 3516 Children's Literature (3)	UD	3
EDRD 3517 Young Adult Literature (3)	UD	
SECTION CREDITS REQUIRED		8

MATHEMATICS CORE

Course	Attributes	Credits
MAT 1560 Numerical Reasoning	-	4
MAT 2561 Statistical & Algebraic Reasng	WKQR	4
MAT 3562 Geometric Reasoning	UD	4
SECTION CREDITS REQUIRED		12

THE ARTS CORE

Course	Attributes	Credits
ART 3546 Art Education	WKA, UD	3
MUS 3501 Elementary Music Education	WKA, UD	3
TRE 3800 Theatre Education	WKA, UD	3
SECTION CREDITS REQUIRED		9

HEALTH & FITNESS CORE

Course	Attributes	Credits
HHP 3510 Teaching Physical Education	UD	5
SECTION CREDITS REQUIRED		5

NATURAL SCIENCES CORE

Course	Attributes	Credits
BIO 2101 General Biology (5)	WKFS	15
BIO 2102 General Biology (5)	-	
BIO 2103 General Biology (5)	WKAS	
PHY 2567 Devlp Concepts Physcl Science I (3)	WKAS	7
PHY 2568 Devlp Concept Physcl Science II (4)	WKAS	
SECTION CREDITS REQUIRED		22

SOCIAL SCIENCES CORE

Course	Attributes	Credits
POL 1120 American Government & Politics	WKSS	5
HIS 2502 The United States to 1876 (5)	WKSS	5
HIS 2503 The United States Since 1876 (5)	WKSS	
SECTION CREDITS REQUIRED		10

EDU OR NATURAL SCIENCES CAPSTONE REQUIREMENT

Course	Attributes	Credits
BIO 4899 Natural Sciences Seminar (2)	UD	2
CHM 4899 Natural Sciences Capstone Sem (2)	UD	
EDU 4899 Teacher as Person-Capstone (2)	W, UD	
PHY 4899 Natural Sciences Seminar (2)	UD	
SECTION CREDITS REQUIRED		2

LOWER-DIVISION ELECTIVE COURSE (SEE RESTRICTIONS BELOW)

Course	Attributes	Credits
CHM 1211 General Chemistry I (5)	WKFS	5
CHM 1212 General Chemistry II (5)	-	
CHM 1330 Survey of Organic Chemistry (5)	-	
HIS 2491 Origins of Western Science (5)	WKSS	
HIS 2492 The Founding of Modern Science (5)	WKSS	
PHY 1135 Astronomy: Individual & Univers (5)	WKFS	
PHY 1142 Earth System Science (5)	WKFS	
SECTION CREDITS REQUIRED		5

16 UD ELEC. CREDITS (INCLUDING 3 W). SEE RESTRICTIONS BELOW.

Course	Attributes	Credits
BIO 3000 Intro Biological Anthropology (5)	UD, WE, CUE	
BIO 3302 Coral Reef Ecology (5)	UD, CUE	
BIO 3303 Evolutionary Ecology Galapagos (5)	UD	
BIO 3304 Oceanography of the Galapagos (5)	UD	

BIO 3310 Ecology (5)	W, UD	
BIO 3351 General Microbiology (5)	UD	
BIO 3432 Biodiversity:Vertebrate Biology (5)	UD	
BIO 3434 Animal Behavior (5)	W, UD	
BIO 3453 Biodiversity:Plant Ident & Tax (5)	UD	
BIO 3615 Issues and Values in Biology (3)	W, UD, WE	
BIO 4415 Plant Physiology (5)	W, UD	
BIO 4435 Biodiversity:Parasites & Pests (5)	UD	
BIO 4744 Marine Botany (5)	UD	
BIO 4810 Marine Ecology (5)	W, UD	16
BIO 4815 Aquatic Ecology (5)	UD	
BIO 4825 Forest Ecology (5)	UD	
BIO 4835 Conservation Biology (5)	UD	
BIO 4880 Blakely Field Studies (1)	UD	
BIO 4978 Biological Research Proposal (1)	W, UD	
BIO 4979 Biological Research (1-4)	UD	
CHM 3225 Quantitativ Analysis&Equilibrm (5)	UD	
CHM 3228 Electroanalytical Chemistry (2)	UD	
CHM 3229 Analytical Spectroscopy (2)	UD	
CHM 3371 Organic Chemistry I (5)	UD	
CHM 3372 Organic Chemistry II (5)	UD	
CHM 3373 Organic Chemistry III (5)	UD	
PHY 3011 Global Climate Change (5)	UD, WE	
SECTION CREDITS REQUIRED		16

PRACTICUM REQUIREMENT

Course	Attributes	Credits
BIO 4930 Biology Practicum (1-5)	UD	
CHM 4930 Chemstry/Biochmstry Practicum (1-5)	UD	2
PHY 4520 Preparing to Teach (2)	UD	
PHY 4950 Special Topics in Physics (3)	UD	
SECTION CREDITS REQUIRED		2
MINIMUM TOTAL CREDITS REQUIRED		91

ADDITIONAL REQUIREMENTS AND INFORMATION

- Restricted Electives: No more than 8 credits total from
- HIS 2491, HIS 2492, BIO 3000, BIO 3615, BIO 4899, BIO 4930
- CHM 4899, CHM 4930, PHY 3010, PHY 4520, PHY 4899

Degree Requirements

THEATRE: PERFORMANCE EMPHASIS (BA)

80 Credits Minimum, Including 30 Upper Division (UD)

THEATRE (PERFORMANCE) CORE

Course	Attributes	Credits
TRE 1200 Theatre as Vocation	-	1
TRE 1340 Acting Fundamentals I	WKA	5
TRE 1720 Stagecraft	-	5
TRE 1750 Introduction to Theatre Design	-	5
TRE 1930 Performance Practicum (2) TRE 3930 Performance Practicum (2)	WKA WKA, UD	2
TRE 1931 Production Practicum (2) TRE 3931 Production Practicum (2)	- UD	2
TRE 2330 Stage Combat	-	3
TRE 2450 Analyzng & Interpretng Theatre	WKA	5
TRE 2740 Introduction Lighting & Sound	-	3
TRE 3600 Theatre Literature and Theory	W, UD, CUE	5
TRE 3710 Play Directing	UD	5
TRE 4899 Theatre Capstone	UD	2
TRE 4911 History of the Theatre I (5) TRE 4913 History of the Theatre II (5)	W, UD W, UD	5
TRE 4961 Senior Project in Theatre	UD	3
SECTION CREDITS REQUIRED		51

PERFORMANCE EMPHASIS

Course	Attributes	Credits
TRE 2320 Stage Movement	-	3
TRE 2340 Acting Fundamentals II	-	5
TRE 2350 Theatre Voice	-	3
TRE 2360 Theatre Writing	UD	5

TRE 3340 <u>Acting III: Styles</u>	UD	5
SECTION CREDITS REQUIRED		16

PERFORMANCE ELECTIVES (2 ADDL/CR 3930 OK,PICK CR TO MEET UD)

Course	Attributes	Credits
TRE 1110 <u>The Theatre Experience</u> (5)	WKA	13
TRE 2360 <u>Improv</u> (3)	-	
TRE 3331 <u>Auditioning</u> (3)	UD	
TRE 3350 <u>Acting Shakespeare</u> (5)	UD	
TRE 3360 <u>Actors Lab</u> (5)	UD	
TRE 3760 <u>Theatre Management</u> (3)	UD, CUE	
TRE 4760 <u>Playwriting</u> (5)	W, UD	
TRE 4931 <u>Audition Practicum</u> (2)	UD	
TRE 4943 <u>Theatre Internship</u> (1-5)	UD	
TRE 4934 <u>Directing Practicum</u> (1-5)	UD	
SECTION CREDITS REQUIRED		13
MINIMUM TOTAL CREDITS REQUIRED		80

ADDITIONAL REQUIREMENTS AND INFORMATION

- Up to 5cr Approved Music/Dance may sub in electives

Degree Requirements

THEATRE: THEATRE STUDIES EMPHASIS (BA)

80 Credits Minimum, Including 30 Upper Division (UD)

THEATRE STUDIES CORE

Course	Attributes	Credits
TRE 1200 Theatre as Vocation	-	1
TRE 1340 Acting Fundamentals I	WKA	5
TRE 1720 Stagecraft	-	5
TRE 1750 Introduction to Theatre Design	-	5
TRE 1930 Performance Practicum (2) TRE 3930 Performance Practicum (2)	WKA WKA, UD	2
TRE 1931 Production Practicum (2) TRE 3931 Production Practicum (2)	- UD	2
TRE 2320 Stage Movement (3) TRE 2330 Stage Combat (3) TRE 2350 Theatre Voice (3)	- - -	3
TRE 2450 Analyzng & Interpretng Theatre	WKA	5
TRE 2740 Introduction Lighting & Sound	-	3
TRE 3600 Theatre Literature and Theory	W, UD, CUE	5
TRE 3710 Play Directing	UD	5
TRE 4899 Theatre Capstone	UD	2
TRE 4911 History of the Theatre I	W, UD	5
TRE 4961 Senior Project in Theatre	UD	3
SECTION CREDITS REQUIRED		51

THEATRE STUDIES EMPHASIS

Course	Attributes	Credits
TRE 3500 Dramaturgy	W, UD	5
TRE 4913 History of the Theatre II	W, UD	5
SECTION CREDITS REQUIRED		10

THEATRE STUDIES ELECTIVES (ADD'L CR TRE 3930&3931 OK)

Course	Attributes	Credits
TRE 1110 The Theatre Experience (5)	WKA	
TRE 4760 Playwriting (5)	W, UD	
TRE 4932 Dramaturgy Practicum (1-5)	UD	19
TRE 4934 Directing Practicum (1-5)	UD	
TRE 4943 Theatre Internship (1-5)	UD	
SECTION CREDITS REQUIRED		19
MINIMUM TOTAL CREDITS REQUIRED		80

ADDITIONAL REQUIREMENTS AND INFORMATION

- Up to 5 cr Approved ART/CLA/ENG/HIS/PHI can sub in electives

Degree Requirements

MATHEMATICS (BS)

72 Credits Minimum, Including 40 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
MAT 1234 Calculus I	WKQR	5
MAT 1235 Calculus II	-	5
MAT 1236 Calculus III	-	5
MAT 2360 Intro to Stats for Sciences	WKQR	5
MAT 2401 Linear Algebra	-	3
MAT 2720 Discrete Mathematics	-	3
MAT 3237 Differential Equations	UD	3
MAT 3238 Vector Calculus	UD	3
MAT 3360 Probability & Statistics	UD	5
MAT 3749 Introduction to Analysis	UD	5
MAT 3751 Real Analysis II	UD	3
MAT 3899 Mathematical Writing	W, UD	2
MAT 4402 Modern Algebra I	W, UD	3
MAT 4403 Modern Algebra II	W, UD	3
MAT 4899 Senior Capstone Seminar	W, UD	3
SECTION CREDITS REQUIRED		56

Approved Upper Division MAT Electives	16
MINIMUM TOTAL CREDITS REQUIRED	72

ADDITIONAL REQUIREMENTS AND INFORMATION

- 15 credits in approved courses in which math is applied
- You must maintain a GPA of 2.5 for all Mathematics courses
- MAT 2562 & MAT 4030 are not permitted as UD Math Electives

- MAT 3502 & MAT 4930 are not permitted as UD Math Electives

Degree Requirements

INFORMATION SYSTEMS (BS)

84 Credits Minimum, Including 51 Upper Division (UD)

COMPUTING CORE

Course	Attributes	Credits
CSC 1230 Problem Solving & Programming	WKAS	5
CSC 2430 Data Structures I (5)	-	10
CSC 2431 Data Structures II (5)	-	
CSC 3150 Systems Design	W, UD	5
CSC 3220 Applications Programming	UD	3
CSC 3221 Netcentric Computing	UD	3
CSC 3750 Computer Architectr/Organztion	UD	5
CSC 4151 Software Engineering I (3)	UD	6
CSC 4152 Software Engineering II (3)	UD	
CSC 4410 Database Management	UD	5
CSC 4898 Senior Capstone Seminar	W, UD	2
SECTION CREDITS REQUIRED		44

QUANTITATIVE ANALYSIS

Course	Attributes	Credits
MAT 1221 Survey of Calculus	WKQR	5
MAT 2360 Intro to Stats for Sciences (5)	WKQR	5
MAT 2700 Statistics for Business & Econ (5)	WKQR	
MAT 1720 Math for Computer Science	-	5
SECTION CREDITS REQUIRED		15

IS ENVIRONMENT

Course	Attributes	Credits
BUS 3620 Management Information Systems	UD	5
BUS 3614 Organizatnl Behavr for Managrs (5)	UD	5
BUS 4644 Operations Management (5)	UD	

COM 4265 <u>Organizational Communication</u>	UD	5
CSC 3011 <u>Living in a Digital World</u>	W, UD, WE	3
CSC 3000 <u>CSC Internship Preparation</u>	W, UD	1
CSC 4941 <u>CSC Internship Review</u>	UD	1
BUS 4625 <u>Organization's Presence on Net</u> (5)	UD	5
BUS 4650 <u>Data Analytics & Visualization</u> (5)	UD	
CSC 4750 <u>Computer Networks</u> (5)	UD	
SECTION CREDITS REQUIRED		25
MINIMUM TOTAL CREDITS REQUIRED		84

Degree Requirements

THEATRE: TEACHING EMPHASIS (BA)

80 Credits Minimum, Including 30 Upper Division (UD)

THEATRE (TEACHING) CORE

Course	Attributes	Credits
TRE 1200 Theatre as Vocation	-	1
TRE 1340 Acting Fundamentals I	WKA	5
TRE 1720 Stagecraft	-	5
TRE 1750 Introduction to Theatre Design	-	5
TRE 1930 Performance Practicum (2) TRE 3930 Performance Practicum (2)	WKA WKA, UD	2
TRE 1931 Production Practicum (2) TRE 3931 Production Practicum (2)	- UD	2
TRE 2320 Stage Movement (3) TRE 2330 Stage Combat (3) TRE 2350 Theatre Voice (3)	- - -	3
TRE 2450 Analyzng & Interpretng Theatre	WKA	5
TRE 2740 Introduction Lighting & Sound	-	3
TRE 3600 Theatre Literature and Theory	W, UD, CUE	5
TRE 3710 Play Directing	UD	5
TRE 4899 Theatre Capstone	UD	2
TRE 4911 History of the Theatre I (5) TRE 4913 History of the Theatre II (5)	W, UD W, UD	5
TRE 4961 Senior Project in Theatre	UD	3
SECTION CREDITS REQUIRED		51

TEACHING EMPHASIS

Course	Attributes	Credits
TRE 3500 Dramaturgy	W, UD	5
TRE 3800 Theatre Education	WKA, UD	3

EDU 4030 Educational Methods in Theatre	UD	3
SECTION CREDITS REQUIRED		11

TEACHING ELECTIVES (PICK CR TO MEET UD)

Course	Attributes	Credits
TRE 1110 The Theatre Experience (5)	WKA	
TRE 2340 Acting Fundamentals II (5)	-	
TRE 2360 Improv (3)	-	
TRE 2733 Scene Painting (3)	-	
TRE 2751 Stage Management (3)	-	
TRE 3331 Auditioning (3)	UD	
TRE 3340 Acting III: Styles (5)	UD	
TRE 3350 Acting Shakespeare (5)	UD	
TRE 3360 Actors Lab (5)	UD	
TRE 3720 Stage Make-up (3)	UD	18
TRE 3733 Scenic Design (5)	UD	
TRE 3740 Advanced Sound Design (3)	UD	
TRE 3750 Costume Design (5)	UD	
TRE 3760 Theatre Management (3)	UD, CUE	
TRE 4760 Playwriting (5)	W, UD	
TRE 4932 Dramaturgy Practicum (1-5)	UD	
TRE 4933 Design Practicum (1-5)	UD	
TRE 4934 Directing Practicum (1-5)	UD	
TRE 4943 Theatre Internship (1-5)	UD	
SECTION CREDITS REQUIRED		18
MINIMUM TOTAL CREDITS REQUIRED		80

ADDITIONAL REQUIREMENTS AND INFORMATION

- Up to 5cr Music/Dance may sub in Electives
- 2320/2330/2350/3930/3931 count as Elective if extra in Core
- (Optional) SOE P-12 Cert Requirements (54cr)

Degree Requirements

THEATRE: PRODUCTION & DESIGN EMPHASIS (BA)

80 Credits Minimum, Including 30 Upper Division (UD)

THEATRE (PRODUCTION AND DESIGN) CORE

Course	Attributes	Credits
TRE 1200 Theatre as Vocation	-	1
TRE 1340 Acting Fundamentals I	WKA	5
TRE 1720 Stagecraft	-	5
TRE 1750 Introduction to Theatre Design	-	5
TRE 1930 Performance Practicum (2) TRE 3930 Performance Practicum (2)	WKA WKA, UD	2
TRE 1931 Production Practicum	-	2
TRE 2320 Stage Movement (3) TRE 2330 Stage Combat (3) TRE 2350 Theatre Voice (3)	- - -	3
TRE 2450 Analyzng & Interpretng Theatre	WKA	5
TRE 2740 Introduction Lighting & Sound	-	3
TRE 3600 Theatre Literature and Theory	W, UD, CUE	5
TRE 3710 Play Directing	UD	5
TRE 4899 Theatre Capstone	UD	2
TRE 4911 History of the Theatre I (5) TRE 4913 History of the Theatre II (5)	W, UD W, UD	5
TRE 4961 Senior Project in Theatre	UD	3
SECTION CREDITS REQUIRED		51

PRODUCTION AND DESIGN EMPHASIS

Course	Attributes	Credits
TRE 1730 AutoCAD Drafting	-	3
TRE 3760 Theatre Management	UD, CUE	3
TRE 3931 Production Practicum	UD	4

SECTION CREDITS REQUIRED	10
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PRODUCTION AND DESIGN ELECTIVES (PICK CR TO MEET UD)

Course	Attributes	Credits
TRE 1110 The Theatre Experience (5)	WKA	
TRE 2733 Scene Painting (3)	-	
TRE 2751 Stage Management (3)	-	
TRE 3720 Stage Make-up (3)	UD	
TRE 3733 Scenic Design (5)	UD	
TRE 3740 Advanced Sound Design (3)	UD	19
TRE 3750 Costume Design (5)	UD	
TRE 4760 Playwriting (5)	W, UD	
TRE 4933 Design Practicum (1-5)	UD	
TRE 4934 Directing Practicum (1-5)	UD	
TRE 4943 Theatre Internship (1-5)	UD	
SECTION CREDITS REQUIRED		19
MINIMUM TOTAL CREDITS REQUIRED		80

ADDITIONAL REQUIREMENTS AND INFORMATION

- Up to 5cr Approved Art/FCS may sub in Electives

Degree Requirements

THEATRE MINOR

35 Credits Minimum, Including 18 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
TRE 1340 Acting Fundamentals I	WKA	5
TRE 1750 Introduction to Theatre Design	-	5
TRE 1931 Production Practicum (2) TRE 3931 Production Practicum (2)	- UD	2
TRE 2450 Analyzng & Interpretng Theatre	WKA	5
TRE 3600 Theatre Literature and Theory	W, UD, CUE	5
TRE 3710 Play Directing	UD	5
SECTION CREDITS REQUIRED		27

UPPER DIVISION THEATRE ELECTIVES

Course	Attributes	Credits
TRE 3331 Auditioning (3)	UD	8
TRE 3340 Acting III: Styles (5)	UD	
TRE 3350 Acting Shakespeare (5)	UD	
TRE 3360 Actors Lab (5)	UD	
TRE 3500 Dramaturgy (5)	W, UD	
TRE 3720 Stage Make-up (3)	UD	
TRE 3733 Scenic Design (5)	UD	
TRE 3740 Advanced Sound Design (3)	UD	
TRE 3750 Costume Design (5)	UD	
TRE 3760 Theatre Management (3)	UD, CUE	
TRE 3800 Theatre Education (3)	WKA, UD	
TRE 3930 Performance Practicum (2)	WKA, UD	
TRE 4760 Playwriting (5)	W, UD	
TRE 4899 Theatre Capstone (2)	UD	
TRE 4900 Independent Study in Theatre (1-5)	UD	
TRE 4911 History of the Theatre I (5)	W, UD	
TRE 4913 History of the Theatre II (5)	W, UD	
TRE 4930 Theatre Practicum (1-3)	UD	
TRE 4931 Audition Practicum (2)	UD	
TRE 4932 Dramaturgy Practicum (1-5)	UD	
TRE 4933 Design Practicum (1-5)	UD	

TRE 4934 <u>Directing Practicum</u> (1-5)	UD	
TRE 4943 <u>Theatre Internship</u> (1-5)	UD	
TRE 4950 <u>Special Topics in Theatre</u> (1-5)	UD	
TRE 4951 <u>Special Topics in Theatre</u> (1-5)	UD	
TRE 4961 <u>Senior Project in Theatre</u> (1-3)	UD	
SECTION CREDITS REQUIRED		8
MINIMUM TOTAL CREDITS REQUIRED		35

WHO WE ARE

The Department of Physics is dedicated to educating and preparing students for a variety of careers in science, education, engineering, and business. We seek to provide a broad program of studies in theoretical and applied physics informed by a Christian worldview, graduating students who are equipped for continued graduate study, professional careers, and service.

OUR MISSION

The Physics Department at Seattle Pacific University seeks to prepare our students to use the history and ideas of physics and their analytical, computational, and research skills to engage the culture, the Creation, their minds, and the minds of others.

LEARNING OUTCOMES

Please see the [Department of Physics website](#) for more information.

Degree Requirements

COSTUME DESIGN AND PRODUCTION (BA) (THEATRE)

88 Credits Minimum, Including 36 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
ART 1102 Drawng Studio:Observtn&Realism	WKA	5
FCS 1840 Basic Clothing Construction	-	5
FCS 3240 Individual & Family Developmnt	UD	5
FCS 3830 Textiles	UD	5
FCS 3840 Flat Pattern Design	UD	5
FCS 3870 History of Costume	W, UD	5
FCS 4840 Apparel Design through Draping	UD	5
TRE 1340 Acting Fundamentals I	WKA	5
TRE 1720 Stagecraft	-	5
TRE 1750 Introduction to Theatre Design	-	5
TRE 1931 Production Practicum	-	2
TRE 2450 Analyzng & Interpretng Theatre	WKA	5
TRE 3750 Costume Design	UD	5
FCS 4899 FCS Senior Capstone	UD	3
TRE 4961 Senior Project in Theatre	UD	3
SECTION CREDITS REQUIRED		68

DESIGN & TECHNOLOGY (ONE ART CLASS, MAX 6CR PROD PRAC)

Course	Attributes	Credits
ART 1205 Design Studio Color (5)	-	10
TRE 1931 Production Practicum (2)	-	
TRE 3931 Production Practicum (2)	UD	
TRE 2740 Introduction Lighting & Sound (3)	-	
TRE 3720 Stage Make-up (3)	UD	
TRE 3733 Scenic Design (5)	UD	

SECTION CREDITS REQUIRED	10
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HISTORY, LITERATURE & CULTURE

Course	Attributes	Credits
ART 2602 West Trad I: Ancient&Medvl Art (5)	WKA	10
ART 2603 West Trad II: Art since Renssnc (5)	WKA	
FCS 3823 Explornng Global Dress&Behavior (5)	UD, WE	
TRE 4911 History of the Theatre I (5)	W, UD	
TRE 4913 History of the Theatre II (5)	W, UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		88

Degree Requirements

COSTUME DESIGN AND PRODUCTION MINOR (THEATRE DEPT)

35 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
FCS 1840 Basic Clothing Construction	-	5
FCS 3840 Flat Pattern Design	UD	5
FCS 3870 History of Costume	W, UD	5
TRE 1750 Introduction to Theatre Design	-	5
TRE 3750 Costume Design	UD	5
SECTION CREDITS REQUIRED		25

ELECTIVE COURSES

Course	Attributes	Credits
ART 1205 Design Studio Color (5)	-	10
ART 3113 Drawing Studio: Beginnng Figure (5)	UD	
TRE 1931 Production Practicum (2)	-	
TRE 3931 Production Practicum (2)	UD	
TRE 2740 Introduction Lighting & Sound (3)	-	
TRE 3720 Stage Make-up (3)	UD	
TRE 3733 Scenic Design (5)	UD	
ART 2602 West Trad I: Ancient&Medvl Art (5)	WKA	
ART 2603 West Trad II: Art since Renssnc (5)	WKA	
FCS 3823 Explornng Global Dress&Behavior (5)	UD, WE	
TRE 4911 History of the Theatre I (5)	W, UD	10
TRE 4913 History of the Theatre II (5)	W, UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		35

WHO WE ARE

The School of Business, Government, and Economics offers majors in Business Administration; Accounting; Economics; Global Development Studies; Political Science; and Politics, Philosophy and Economics.

We also offer minors in Business Administration, Economics, Entrepreneurship, Geopolitics, and Political Science.

OUR MISSION

Deeply grounded in Christian faith and values, we develop leaders who advance human flourishing through service in business, government, and civil society.

LEARNING OUTCOMES

Competence: SBGE graduates will be able to articulate discipline specific knowledge and apply skills essential for service and leadership.

Character: SBGE graduates will embody personal and professional integrity by serving the public good in doing what is right and doing so with an awareness of consequences.

Community: SBGE graduates will cultivate a life of friendship, civility and community through responsible discourse and respect for each other. Copy here about the learning outcomes for this academic program.

For more learning outcomes, visit the School's [Economics website](#).

Degree Requirements

PHYSICS: GENERAL EMPHASIS (BA)

79 Credits Minimum, Including 36 Upper Division (UD)

INTRODUCTORY CLASSES

Course	Attributes	Credits
PHY 1101 General Physics (5)	WKFS	15
PHY 1102 General Physics (5)	-	
PHY 1103 General Physics (5)	-	
- OR -		
PHY 1121 Physics for Sci & Engineering (5)	WKFS	15
PHY 1122 Physics for Sci & Engineering (5)	-	
PHY 1123 Physics for Sci & Engineering (5)	-	
PHY 2321 Intermediate Physics	-	5
SECTION CREDITS REQUIRED		20

MATH

Course	Attributes	Credits
MAT 1234 Calculus I	WKQR	5
MAT 1235 Calculus II	-	5
MAT 1236 Calculus III	-	5
MAT 2401 Linear Algebra	-	3
MAT 3238 Vector Calculus	UD	3
SECTION CREDITS REQUIRED		21

REQUIRED LAB CLASSES

Course	Attributes	Credits
PHY 3311 Experimental Methods I	WKAS, W, UD	3
PHY 3312 Experimental Methods II	WKAS, W, UD	3
SECTION CREDITS REQUIRED		6

REQUIRED UPPER DIVISION*

Course	Attributes	Credits
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EGR 3400 Dynamics (5)	UD	3
ME 3400 Dynamics (5)	UD	
PHY 3110 Mechanical Modeling (3)	UD	
EGR 3500 Thermal Science I:Thermodynmc s (5)	UD	3
ME 3500 Thermal Science I:Thermodynmc s (5)	UD	
PHY 3401 Thermal & Statistical Physics (3)	UD	
PHY 3315 Electricity and Magnetism I	UD	3
PHY 3340 Quantum Mechanics I	UD	3
PHY 4899 Natural Sciences Seminar	UD	2
SECTION CREDITS REQUIRED		14

ELECTIVES (INCLUDING UD TO REACH 36 AND 79 TOTAL) *

Course	Attributes	Credits
EGR 3611 ASE I:Alternative Energy System (5)	UD	18
PHY 3011 Global Climate Change (5)	UD, WE	
PHY 3211 Acoustics (5)	UD	
PHY 3313 Experimental Methods III (3)	W, UD	
PHY 4101 Astrophysics of Stars (5)	UD	
PHY 4242 Atmospheric Science (2-5)	UD	
PHY 4311 Optics and Lasers (5)	UD	
PHY 4315 Electricity and Magnetism II (3)	UD	
PHY 4340 Quantum Mechanics II (3)	UD	
PHY 4515 Science Teaching Immersion Exp (1-3)	UD	
PHY 4520 Preparing to Teach (2)	UD	
PHY 4900 Independent Study (1-5)	UD	
PHY 4905 Independent Study in Physics (1-5)	UD	
PHY 4930 Physics Practicum (1-5)	UD	
PHY 4940 Internship in Physics (1-5)	UD	
PHY 4950 Special Topics in Physics (1-5)	UD	
PHY 4970 Undergraduate Research (1-5)	UD	
SECTION CREDITS REQUIRED		18
MINIMUM TOTAL CREDITS REQUIRED		79

ADDITIONAL REQUIREMENTS AND INFORMATION

- PHY 4899 must be repeated to reach 2 credits
- *If not used for Required UD, EGR 3500 may be used as Electv
- *If not used for Required UD, PHY 3401 may be used as Electv

Degree Requirements

ECONOMICS: FINANCIAL ECONOMICS (BA)

68 Credits Minimum, Including 41 Upper Division (UD)

GENERAL ECONOMICS CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics (5)	WKSS	10
ECN 2102 Principles of Macroeconomics (5)	WKSS	
BUS 2700 Statistics for Business & Econ	WKQR	5
ECN 3201 Intermediate Microeconomics (5)	UD	10
ECN 3202 Intermediate Macroeconomics (5)	W, UD	
ECN 3321 Money & Banking (5)	UD	5
BUS 3690 Inclusive Financial Services (5)	UD	
ECN 3690 Inclusive Financial Services (5)	UD	
BUS 3700 Quant Meth for Decision Making	UD	5
ECN 3811 Microeconomics of Development (5)	W, UD, WE, CUE	5
ECN 3812 Macroeconomics of Development (5)	W, UD, WE, CUE	
ECN 4899 Capstone: Political Economy	W, UD	5
BUS 4899 Business Ethics	W, UD	5
BUS 2910 Internship & Career Strategies (1)	-	3
BUS 4942 Internship Reflectn&Prof Devlp (2)	UD	
- OR -		
MAT 1234 Calculus I (5)	WKQR	15
MAT 1235 Calculus II (5)	-	
MAT 1236 Calculus III (5)	-	
SECTION CREDITS REQUIRED		53

FINANCIAL ECONOMICS*

Course	Attributes	Credits
ACCT 2361 Financial Accounting	-	5
BUS 3250 Business Finance	UD	5
BUS 3251 Investments (5)	UD	5
BUS 4650 Data Analytics & Visualization (5)	UD	

SECTION CREDITS REQUIRED	15
MINIMUM TOTAL CREDITS REQUIRED	68

ADDITIONAL REQUIREMENTS AND INFORMATION

- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement
- *ECN 3811 may count toward Electives if not used in Core
- *ECN 3812 may count toward Electives if not used in Core
- *ECN 3321 or BUS/ECN 3690 may count here if not used in Core

Degree Requirements

PHYSICS MINOR

35 Credits Minimum, Including 15 Upper Division (UD)

PHYSICS MINOR CORE REQUIREMENTS

Course	Attributes	Credits
PHY 1101 General Physics (5)	WKFS	15
PHY 1102 General Physics (5)	-	
PHY 1103 General Physics (5)	-	
- OR -		
PHY 1121 Physics for Sci & Engineering (5)	WKFS	15
PHY 1122 Physics for Sci & Engineering (5)	-	
PHY 1123 Physics for Sci & Engineering (5)	-	
PHY 2321 Intermediate Physics	-	5
SECTION CREDITS REQUIRED		20

PHYSICS MINOR CORE UPPER DIVISION REQUIREMENTS*

Course	Attributes	Credits
PHY 3311 Experimental Methods I (3)	WKAS, W, UD	6
PHY 3312 Experimental Methods II (3)	WKAS, W, UD	
PHY 4520 Preparing to Teach (2)	UD	
SECTION CREDITS REQUIRED		6

ELECTIVES IN UPPER-DIVISION PHYSICS COURSES*

Course	Attributes	Credits
EGR 3400 Dynamics (5)	UD	9
ME 3400 Dynamics (5)	UD	
EGR 3500 Thermal Science I:Thermodynmc s (5)	UD	
ME 3500 Thermal Science I:Thermodynmc s (5)	UD	
EGR 3611 ASE I:Alternative Energy System (5)	UD	
PHY 3211 Acoustics (5)	UD	
PHY 3313 Experimental Methods III (3)	W, UD	
PHY 3315 Electricity and Magnetism I (3)	UD	
PHY 3340 Quantum Mechanics I (3)	UD	
PHY 3401 Thermal & Statistical Physics (3)	UD	
PHY 4242 Atmospheric Science (2-5)	UD	
PHY 4311 Optics and Lasers (5)	UD	
PHY 4315 Electricity and Magnetism II (3)	UD	

PHY 4340 Quantum Mechanics II (3)	UD	
PHY 4515 Science Teaching Immersion Exp (1-3)	UD	
PHY 4899 Natural Sciences Seminar (1)	UD	
PHY 4900 Independent Study (1-5)	UD	
PHY 4905 Independent Study in Physics (1-5)	UD	
PHY 4930 Physics Practicum (1-5)	UD	
PHY 4940 Internship in Physics (1-5)	UD	
PHY 4950 Special Topics in Physics (1-5)	UD	
PHY 4970 Undergraduate Research (1-5)	UD	
SECTION CREDITS REQUIRED		9
MINIMUM TOTAL CREDITS REQUIRED		35

ADDITIONAL REQUIREMENTS AND INFORMATION

- *Courses not used for Core UD may count for UD PHY Electv

Degree Requirements

ECONOMICS: DEVELOPMENT ECONOMICS (BA)

68 Credits Minimum, Including 41 Upper Division (UD)

GENERAL ECONOMICS CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics (5)	WKSS	10
ECN 2102 Principles of Macroeconomics (5)	WKSS	
BUS 2700 Statistics for Business & Econ	WKQR	5
ECN 3201 Intermediate Microeconomics (5)	UD	10
ECN 3202 Intermediate Macroeconomics (5)	W, UD	
ECN 3321 Money & Banking (5)	UD	5
BUS 3690 Inclusive Financial Services (5)	UD	
ECN 3690 Inclusive Financial Services (5)	UD	
BUS 3700 Quant Meth for Decision Making	UD	5
ECN 3811 Microeconomics of Development (5)	W, UD, WE, CUE	10
ECN 3812 Macroeconomics of Development (5)	W, UD, WE, CUE	
BUS 4899 Business Ethics	W, UD	5
ECN 4899 Capstone: Political Economy	W, UD	5
BUS 2910 Internship & Career Strategies (1)	-	3
BUS 4942 Internship Reflectn&Prof Devlp (2)	UD	
- OR -		
MAT 1234 Calculus I (5)	WKQR	15
MAT 1235 Calculus II (5)	-	
MAT 1236 Calculus III (5)	-	
SECTION CREDITS REQUIRED		58

DEVELOPMENT ECONOMICS*

Course	Attributes	Credits
ECN 3000 African Development (5)	UD	5
ECN 3100 E Asian Poltcs&Ecnomc Developmt (5)	UD	
ECN 3500 Environmental Economics (5)	UD	
ECN 4010 Health Economics (5)	W, UD	
POL 3330 Global Women's Issues (5)	UD, WE, CUE	
SECTION CREDITS REQUIRED		-

SECTION CREDITS REQUIRED	5
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Participate in approved study abroad program	5
MINIMUM TOTAL CREDITS REQUIRED	68

ADDITIONAL REQUIREMENTS AND INFORMATION

- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement
- *ECN 3321 or BUS/ECN 3690 may count here if not used in Core

Degree Requirements

ECONOMICS: GENERAL TRACK (BA)

68 Credits Minimum, Including 41 Upper Division (UD)

GENERAL ECONOMICS CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics (5) ECN 2102 Principles of Macroeconomics (5)	WKSS WKSS	10
BUS 2700 Statistics for Business & Econ	WKQR	5
ECN 3201 Intermediate Microeconomics (5) ECN 3202 Intermediate Macroeconomics (5)	UD W, UD	10
ECN 3321 Money & Banking (5) BUS 3690 Inclusive Financial Services (5) ECN 3690 Inclusive Financial Services (5)	UD UD UD	5
BUS 3700 Quant Meth for Decision Making	UD	5
ECN 3811 Microeconomics of Development (5) ECN 3812 Macroeconomics of Development (5)	W, UD, WE, CUE W, UD, WE, CUE	5
ECN 4899 Capstone: Political Economy	W, UD	5
BUS 4899 Business Ethics	W, UD	5
BUS 2910 Internship & Career Strategies (1) BUS 4942 Internship Reflectn&Prof Devlp (2)	- UD	3
- OR -		
MAT 1234 Calculus I (5) MAT 1235 Calculus II (5) MAT 1236 Calculus III (5)	WKQR - -	15
SECTION CREDITS REQUIRED		53

ELECTIVES* (BUS 3680 & 3682 MUST BOTH BE TAKEN TO COUNT)

Course	Attributes	Credits
BUS 3250 Business Finance (5)	UD	
BUS 3251 Investments (5)	UD	
BUS 3680 Social Enterprise (3)	UD	
BUS 3682 Social Venture Planning (2)	UD	
BUS 3828 International Business (5)	UD	
BUS 3830 International Business Seminar (1-5)	UD	

BUS 4650 Data Analytics & Visualization (5)	UD	
ECN 3000 African Development (5)	UD	
ECN 3050 Institutns&Institutnl Analysis (5)	UD	
ECN 3100 E Asian Poltcs&Ecnomc Developmt (5)	UD	15
ECN 3231 Urban Economics (5)	UD	
ECN 3500 Environmental Economics (5)	UD	
ECN 4010 Health Economics (5)	W, UD	
ECN 4641 History of Economic Thought I (1-5)	W, UD	
POL 3320 Pol & Econ Developmt of Nations (5)	W, UD	
POL 3330 Global Women's Issues (5)	UD, WE, CUE	
POL 3440 War, Peace & World Order (5)	UD, WE	
POL 4310 Internationl Political Economy (5)	UD	
POL 4452 International Law (3)	UD, CUE	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		68

ADDITIONAL REQUIREMENTS AND INFORMATION

- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement
- *ECN 3811 may count toward Electives if not used in Core
- *ECN 3812 may count toward Electives if not used in Core
- *ECN 3321 or BUS/ECN 3690 may count here if not used in Core

Degree Requirements

ECONOMICS MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

ECONOMICS MINOR CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics	WKSS	5
ECN 2102 Principles of Macroeconomics	WKSS	5
ECN 3201 Intermediate Microeconomics (5) ECN 3202 Intermediate Macroeconomics (5)	UD W, UD	5
BUS 4899 Business Ethics	W, UD	5
SECTION CREDITS REQUIRED		20

10 Elective Credits (5 UD) in ECN or approved coursework	10
MINIMUM TOTAL CREDITS REQUIRED	30

WHO WE ARE

We offer students three chemistry degrees: BA in Chemistry; BS in Chemistry; and a BS in Biochemistry. A minor in Chemistry is also available.

OUR MISSION

The curriculum is designed to serve students who desire a career in chemistry, biochemistry, or science education, or are interested in pursuing further study in medicine, dentistry, pharmacy, engineering, or the other sciences.

LEARNING OUTCOMES

Graduates with degrees in chemistry and biochemistry have many options. SPU alumni are working at places such as the National Oceanic and Atmospheric Administration, Washington State Patrol Forensic Lab, Los Alamos National Laboratories, Fred Hutchinson Cancer Research Center, Bristol-Meyer/Squibb, Seattle Biomedical Research Institute, Rapigene, May Clinic and a wide variety of public and private schools.

Many alumni have also entered medical school or other graduate programs at such places as the University of Washington, Johns Hopkins University and Georgetown University.

Degree Requirements

PHYSICS (BS)

99 Credits Minimum, Including 47 Upper Division (UD)

INTRODUCTORY CLASSES

Course	Attributes	Credits
PHY 1101 General Physics (5)	WKFS	15
PHY 1102 General Physics (5)	-	
PHY 1103 General Physics (5)	-	
- OR -		
PHY 1121 Physics for Sci & Engineering (5)	WKFS	15
PHY 1122 Physics for Sci & Engineering (5)	-	
PHY 1123 Physics for Sci & Engineering (5)	-	
PHY 2321 Intermediate Physics	-	5
SECTION CREDITS REQUIRED		20

MATH

Course	Attributes	Credits
MAT 1234 Calculus I	WKQR	5
MAT 1235 Calculus II	-	5
MAT 1236 Calculus III	-	5
MAT 2401 Linear Algebra	-	3
MAT 3237 Differential Equations	UD	3
MAT 3238 Vector Calculus	UD	3
CSC 2230 Comptr Programmng for Engineers (5)	WKAS	3
MAT 3724 Applied Analysis (3)	UD	
MAT 4725 Numerical Analysis (5)	UD	
MAT 4830 Mathematical Modeling (5)	UD	
PHY 3700 Math Mthds for Phys&Engineerng (3)	UD	
SECTION CREDITS REQUIRED		27

REQUIRED UPPER DIVISION

Course	Attributes	Credits
EGR 3400 Dynamics (5)	UD	

ME 3400 Dynamics (5)	UD	5
EGR 3500 Thermal Science I:Thermodynms (5)	UD	5
ME 3500 Thermal Science I:Thermodynms (5)	UD	
PHY 3110 Mechanical Modeling	UD	3
PHY 3315 Electricity and Magnetism I	UD	3
PHY 3340 Quantum Mechanics I	UD	3
PHY 3401 Thermal & Statistical Physics	UD	3
PHY 4315 Electricity and Magnetism II (3)	UD	3
PHY 4340 Quantum Mechanics II (3)	UD	
PHY 4899 Natural Sciences Seminar	UD	2
PHY 4970 Undergraduate Research	UD	2
SECTION CREDITS REQUIRED		29

REQUIRED LAB CLASSES

Course	Attributes	Credits
PHY 3311 Experimental Methods I	WKAS, W, UD	3
PHY 3312 Experimental Methods II	WKAS, W, UD	3
PHY 3313 Experimental Methods III	W, UD	3
SECTION CREDITS REQUIRED		9

ELECTIVES (INCLUDING UD TO REACH 47 AND 99 TOTAL)

Course	Attributes	Credits
EGR 3611 ASE I:Alternative Energy System (5)	UD	14
PHY 1135 Astronomy:Individual & Univers (5)	WKFS	
PHY 1140 Physics of Sound (5)	WKFS	
PHY 1142 Earth System Science (5)	WKFS	
PHY 1910 Special Topics in Physics Semn (1)	-	
PHY 2567 Devlp Concepts Physcl Science I (3)	WKAS	
PHY 2568 Devlp Concpt Physcl Science II (4)	WKAS	
PHY 3011 Global Climate Change (5)	UD, WE	
PHY 3211 Acoustics (5)	UD	
PHY 4101 Astrophysics of Stars (5)	UD	
PHY 4242 Atmospheric Science (2-5)	UD	
PHY 4311 Optics and Lasers (5)	UD	
PHY 4515 Science Teaching Immersion Exp (1-3)	UD	
PHY 4520 Preparing to Teach (2)	UD	
PHY 4900 Independent Study (1-5)	UD	
PHY 4905 Independent Study in Physics (1-5)	UD	
PHY 4930 Physics Practicum (1-5)	UD	

PHY 4940 <u>Internship in Physics</u> (1-5)	UD	
PHY 4950 <u>Special Topics in Physics</u> (1-5)	UD	
SECTION CREDITS REQUIRED		14
MINIMUM TOTAL CREDITS REQUIRED		99

Degree Requirements

ECONOMICS: BUSINESS ANALYSIS (BA)

68 Credits Minimum, Including 41 Upper Division (UD)

GENERAL ECONOMICS CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics (5)	WKSS	10
ECN 2102 Principles of Macroeconomics (5)	WKSS	
BUS 2700 Statistics for Business & Econ	WKQR	5
ECN 3201 Intermediate Microeconomics (5)	UD	10
ECN 3202 Intermediate Macroeconomics (5)	W, UD	
ECN 3321 Money & Banking (5)	UD	5
BUS 3690 Inclusive Financial Services (5)	UD	
ECN 3690 Inclusive Financial Services (5)	UD	
BUS 3700 Quant Meth for Decision Making	UD	5
ECN 3811 Microeconomics of Development (5)	W, UD, WE, CUE	5
ECN 3812 Macroeconomics of Development (5)	W, UD, WE, CUE	
ECN 4899 Capstone: Political Economy	W, UD	5
BUS 4899 Business Ethics	W, UD	5
BUS 2910 Internship & Career Strategies (1)	-	3
BUS 4942 Internship Reflectn&Prof Devlp (2)	UD	
- OR -		
MAT 1234 Calculus I (5)	WKQR	15
MAT 1235 Calculus II (5)	-	
MAT 1236 Calculus III (5)	-	
SECTION CREDITS REQUIRED		53

BUSINESS TRACK*

Course	Attributes	Credits
BUS 3541 Marketing & Society (5)	UD	15
BUS 3620 Management Information Systems (5)	UD	
BUS 3828 International Business (5)	UD	
BUS 4644 Operations Management (5)	UD	
SECTION CREDITS REQUIRED		15

MINIMUM TOTAL CREDITS REQUIRED

68

ADDITIONAL REQUIREMENTS AND INFORMATION

- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement
- *ECN 3811 may count toward Electives if not used in Core
- *ECN 3812 may count toward Electives if not used in Core

Degree Requirements

ECONOMICS: PUBLIC POLICY (BA)

68 Credits Minimum, Including 41 Upper Division (UD)

GENERAL ECONOMICS CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics (5)	WKSS	10
ECN 2102 Principles of Macroeconomics (5)	WKSS	
BUS 2700 Statistics for Business & Econ	WKQR	5
ECN 3201 Intermediate Microeconomics (5)	UD	10
ECN 3202 Intermediate Macroeconomics (5)	W, UD	
ECN 3321 Money & Banking (5)	UD	5
BUS 3690 Inclusive Financial Services (5)	UD	
ECN 3690 Inclusive Financial Services (5)	UD	
BUS 3700 Quant Meth for Decision Making	UD	5
ECN 3811 Microeconomics of Development (5)	W, UD, WE, CUE	5
ECN 3812 Macroeconomics of Development (5)	W, UD, WE, CUE	
ECN 4899 Capstone: Political Economy	W, UD	5
BUS 4899 Business Ethics	W, UD	5
BUS 2910 Internship & Career Strategies (1)	-	3
BUS 4942 Internship Reflectn&Prof Devlp (2)	UD	
- OR -		
MAT 1234 Calculus I (5)	WKQR	15
MAT 1235 Calculus II (5)	-	
MAT 1236 Calculus III (5)	-	
SECTION CREDITS REQUIRED		53

PUBLIC POLICY CORE COURSE

Course	Attributes	Credits
POL 4000 Public Policy & Administration	UD	5
SECTION CREDITS REQUIRED		5

PUBLIC POLICY ELECTIVES*

Course	Attributes	Credits
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Course	Attributes	Credits
ECN 3050 <u>Institutns&Institutnl Analysis</u> (5)	UD	
ECN 3100 <u>E Asian Poltcs&Ecnomc Developmt</u> (5)	UD	
ECN 3500 <u>Environmental Economics</u> (5)	UD	
ECN 4010 <u>Health Economics</u> (5)	W, UD	
GDEV 3050 <u>Institutns&Institutnl Analysis</u> (5)	UD	10
POL 3320 <u>Pol & Econ Developmt of Nations</u> (5)	W, UD	
POL 3330 <u>Global Women's Issues</u> (5)	UD, WE, CUE	
POL 3400 <u>International Organizations</u> (3)	UD, CUE	
POL 3677 <u>Urban Politics</u> (5)	UD, WE	
POL 4310 <u>Internationl Political Economy</u> (5)	UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		68

ADDITIONAL REQUIREMENTS AND INFORMATION

- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement
- *ECN 3811 may count toward Electives if not used in Core
- *ECN 3812 may count toward Electives if not used in Core

WHO WE ARE

The School of Business, Government, and Economics offers majors in Business Administration; Accounting; Economics; Global Development Studies; Political Science; and Politics, Philosophy and Economics.

We also offer minors in Business Administration, Economics, Entrepreneurship, Geopolitics, and Political Science.

OUR MISSION

Deeply grounded in Christian faith and values, we develop leaders who advance human flourishing through service in business, government, and civil society.

LEARNING OUTCOMES

Competence: SBGE graduates will be able to articulate discipline specific knowledge and apply skills essential for service and leadership.

Character: SBGE graduates will embody personal and professional integrity by serving the public good in doing what is right and doing so with an awareness of consequences.

Community: SBGE graduates will cultivate a life of friendship, civility, and community through responsible discourse and respect for each other.

For more learning outcomes, visit the School's [Global Development website](#).

Degree Requirements

CHEMISTRY (BA)

80 Credits Minimum, Including 37 Upper Division (UD)

GENERAL CORE: CHEMISTRY

Course	Attributes	Credits
CHM 1211 General Chemistry I (5)	WKFS	13
CHM 1212 General Chemistry II (5)	-	
CHM 1213 General Chemistry III (3)	-	
CHM 3225 Quantitativ Analysis&Equilibrum	UD	5
CHM 3371 Organic Chemistry I (5)	UD	15
CHM 3372 Organic Chemistry II (5)	UD	
CHM 3373 Organic Chemistry III (5)	UD	
CHM 3410 Survey of Physical Chemistry	UD	5
CHM 3540 Intro Inorganic Chemistry	UD	5
CHM 4361 Biochemistry	W, UD	5
CHM 4899 Natural Sciences Capstone Sem	UD	2
SECTION CREDITS REQUIRED		50

REQUIRED MATHEMATICS AND PHYSICS COURSES

Course	Attributes	Credits
MAT 1221 Survey of Calculus (5)	WKQR	10
MAT 2360 Intro to Stats for Sciences (5)	WKQR	
- OR -		
MAT 1234 Calculus I (5)	WKQR	10
MAT 1235 Calculus II (5)	-	
PHY 1121 Physics for Sci & Engineering (5)	WKFS	15
PHY 1122 Physics for Sci & Engineering (5)	-	
PHY 1123 Physics for Sci & Engineering (5)	-	
- OR -		
PHY 1101 General Physics (5)	WKFS	15
PHY 1102 General Physics (5)	-	
PHY 1103 General Physics (5)	-	
SECTION CREDITS REQUIRED		25

Chemistry Electives Needed (2000-level or above)	5
MINIMUM TOTAL CREDITS REQUIRED	80

Degree Requirements

BIOCHEMISTRY (BS)

103 Credits Minimum, Including 49 Upper Division (UD)

REQUIRED CHEMISTRY AND BIOLOGY COURSES

Course	Attributes	Credits
BIO 2101 General Biology	WKFS	5
BIO 3325 Genetics	UD	5
BIO 4325 Molecular Biology	W, UD	5
CHM 1211 General Chemistry I (5)	WKFS	13
CHM 1212 General Chemistry II (5)	-	
CHM 1213 General Chemistry III (3)	-	
CHM 2960 Intro to Research Methods	-	1
CHM 3371 Organic Chemistry I	UD	5
CHM 3372 Organic Chemistry II	UD	5
CHM 3373 Organic Chemistry III	UD	5
CHM 3225 Quantitativ Analysis&Equilibrum	UD	5
CHM 3422 Statistical Thermodynamics	UD	4
CHM 4361 Biochemistry	W, UD	5
CHM 4362 Biochemistry	UD	5
CHM 4363 Biochemistry	UD	3
CHM 4899 Natural Sciences Capstone Sem	UD	2
SECTION CREDITS REQUIRED		68

CHEMISTRY & BIOLOGY ELECTIVES (TAKE ANY TO EQUAL 7 CREDITS)

Course	Attributes	Credits
BIO 2102 General Biology (5)	-	
BIO 2103 General Biology (5)	WKAS	
BIO 3350 Immunology (3)	UD	
BIO 4352 Cell Biology (5)	W, UD	
BIO 4360 Biostatistics (5)	UD	
CHM 2213 Inorganic Qualitative Analysis (2)	-	
CHM 2227 General Chemistry (2)	UD	

CHM 3227 Separation Science (2)	UD	
CHM 3228 Electroanalytical Chemistry (2)	UD	7
CHM 3229 Analytical Spectroscopy (2)	UD	
CHM 3421 Quantum Mechanics (4)	UD	
CHM 3423 Molecular Dynamics (2)	UD	
CHM 3461 Physical Chemistry Lab I (2)	W, UD	
CHM 3540 Intro Inorganic Chemistry (5)	UD	
CHM 4542 Transition Metals (3)	UD	
CHM 4960 Undergrad Research Chem/Biochem (1-10)	W, UD	
SECTION CREDITS REQUIRED		7

REQUIRED MATHEMATICS AND PHYSICS COURSES

Course	Attributes	Credits
MAT 1234 Calculus I (5)	WKQR	
MAT 1235 Calculus II (5)	-	13
MAT 2401 Linear Algebra (3)	-	
PHY 1121 Physics for Sci & Engineering (5)	WKFS	
PHY 1122 Physics for Sci & Engineering (5)	-	15
PHY 1123 Physics for Sci & Engineering (5)	-	
- OR -		
PHY 1101 General Physics (5)	WKFS	
PHY 1102 General Physics (5)	-	15
PHY 1103 General Physics (5)	-	
SECTION CREDITS REQUIRED		28
MINIMUM TOTAL CREDITS REQUIRED		103

Degree Requirements

CHEMISTRY MINOR

35 Credits Minimum, Including 20 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
CHM 1211 General Chemistry I	WKFS	5
CHM 1212 General Chemistry II	-	5
SECTION CREDITS REQUIRED		10

Electives: CHM 2000-4999 chosen from 3 or more areas below	25
MINIMUM TOTAL CREDITS REQUIRED	35

ADDITIONAL REQUIREMENTS AND INFORMATION

- Inorganic: CHM 2213, 3540, 4542
- Organic: CHM 3371, 3372, 3373, 4374
- Analytical: CHM 3225, 3227, 3228, 3229
- Physical: CHM 3410, 3421, 3422, 3423, 3461, 3462
- Biochemistry: CHM 4361, 4362, 4363, 4371, 4372
- Environmental: CHM 2410

Degree Requirements

CHEMISTRY (BS)

100 Credits Minimum, Including 52 Upper Division (UD)

GENERAL CORE: CHEMISTRY

Course	Attributes	Credits
CHM 1211 General Chemistry I (5)	WKFS	15
CHM 1212 General Chemistry II (5)	-	
CHM 1213 General Chemistry III (3)	-	
CHM 2213 Inorganic Qualitative Analysis (2)	-	
CHM 2960 Intro to Research Methods	-	1
CHM 3225 Quantitativ Analysis&Equilibrum (5)	UD	11
CHM 3227 Separation Science (2)	UD	
CHM 3228 Electroanalytical Chemistry (2)	UD	
CHM 3229 Analytical Spectroscopy (2)	UD	
CHM 3371 Organic Chemistry I (5)	UD	15
CHM 3372 Organic Chemistry II (5)	UD	
CHM 3373 Organic Chemistry III (5)	UD	
CHM 3421 Quantum Mechanics (4)	UD	10
CHM 3422 Statistical Thermodynamics (4)	UD	
CHM 3423 Molecular Dynamics (2)	UD	
CHM 3461 Physical Chemistry Lab I (2)	W, UD	4
CHM 3462 Physical Chemistry Lab II (2)	W, UD	
CHM 3540 Intro Inorganic Chemistry	UD	5
CHM 4542 Transition Metals	UD	3
CHM 4899 Natural Sciences Capstone Sem	UD	2
SECTION CREDITS REQUIRED		66

REQUIRED MATHEMATICS AND PHYSICS COURSES

Course	Attributes	Credits
MAT 1234 Calculus I (5)	WKQR	13
MAT 1235 Calculus II (5)	-	
MAT 2401 Linear Algebra (3)	-	
PHY 1121 Physics for Sci & Engineering (5)	WKFS	15
PHY 1122 Physics for Sci & Engineering (5)	-	

PHY 1123 <u>Physics for Sci & Engineering</u> (5)	-
SECTION CREDITS REQUIRED	28

Electives: CHM 2000-4999, including at least 2 UD*	6
MINIMUM TOTAL CREDITS REQUIRED	100

ADDITIONAL REQUIREMENTS AND INFORMATION

- *CHM 4361 recommended

Degree Requirements

GLOBAL DEVELOPMENT STUDIES (BA)

75 Credits Minimum, Including 42 Upper Division (UD)

REQUIRED CORE

Course	Attributes	Credits
GDEV 2000 Intro to Global Development	-	5
POL 2320 Comparative Political Systems	-	5
POL 3320 Pol & Econ Developmt of Nations	W, UD	5
ECN 3811 Microeconomics of Development (5) ECN 3812 Macroeconomics of Development (5)	W, UD, WE, CUE W, UD, WE, CUE	5
ECN 2101 Principles of Microeconomics	WKSS	5
BUS 3670 Management Non-Profit Sector	UD	5
BUS 3680 Social Enterprise (3) BUS 4631 Entrepreneurship (5)	UD UD	3
BUS 3682 Social Venture Planning	UD	2
GDEV 4899 Capstone: Civil Society	W, UD	3
GDEV 4940 Global Development Internship	UD	3
THEO 2620 Intro to Global & Urban Mnstry	CUE	5
HSC 4700 Issues in Global Health (3) ECN 3500 Environmental Economics (5) ECN 4010 Health Economics (5)	UD UD W, UD	3
BUS 2700 Statistics for Business & Econ (5) EDU 2600 Statistics Unleashed (5) MAT 1300 Intro to Statistical Reasoning (5) SOC 2360 Intro to Stats Soc & Behav Sci (5)	WKQR WKQR WKQR WKQR	5
BUS 3614 Organizatnl Behavr for Managrs	UD	5
SECTION CREDITS REQUIRED		59

DEVELOPMENT ISSUES ELECTIVES*

Course	Attributes	Credits
BUS 3690 Inclusive Financial Services (5)	UD	
ECN 2201 Intermediate Microeconomics (5)	UD	

ECN 3201 Intermediate Microeconomics (5)	UD	
ECN 4310 International Political Economy (5)	UD	
EGR 3614 Appropriate&Sustainable Engrnr III (4)	UD	
GDEV 3000 African Development (5)	UD	
GDEV 3050 Institutns&Institutnl Analysis (5)	UD	
GDEV 3100 E Asian Poltcs&Ecnmc Developmt (5)	UD	
POL 2330 International Relations (5)	WKSS, CUE	8
POL 2642 Christianity & World Politics (5)	WE	
POL 3330 Global Women's Issues (5)	UD, WE, CUE	
POL 3400 International Organizations (3)	UD, CUE	
POL 3440 War, Peace & World Order (5)	UD, WE	
POL 4310 International Political Economy (5)	UD	
POL 4452 International Law (3)	UD, CUE	
SOC 3320 Homelessness in America (5)	UD	
SECTION CREDITS REQUIRED		8

CROSS-CULTURAL ELECTIVES

Course	Attributes	Credits
ASIA 3765 Traditional East Asia (5)	W, UD, WE	
ASIA 3785 East Asian Modernities (5)	W, UD, WE	
COM 4180 Cultural Communication (5)	UD, CUE	
ENG 3380 African Literature (5)	W, UD, CUE	
ENG 3381 Middle Eastern Literature (5)	W, UD, CUE	
ENG 3382 South Africa (5)	UD, WE, CUE	
SJC 3382 South Africa (5)	UD, WE, CUE	
ENG 3383 Arab Spring (5)	W, UD, WE, CUE	
FRE 3100 Advanced French (2-5)	UD	
FRE 3105 Ecriture Engagee (5)	W, UD, WE	
FRE 3205 Topics: Francophone Literature (5)	W, UD, WE, CUE	
FRE 3250 La France et le Monde (3)	UD, CUE	
FRE 3267 Cinema Francophone (3-5)	UD	
FRE 4460 La Lit:Moyen Age au 18e Siecle (3)	W, UD	
FRE 4461 La Litterature:19e-21e Siecles (3)	UD	
HIS 3356 The Holocaust (5)	UD, CUE	
HIS 3440 War, Peace & World Order (5)	UD, WE	
HIS 3720 Rise of Islamic Civilization (5)	W, UD, WE, CUE	8
HIS 3730 Modern Middle East (5)	UD, WE	
HIS 3750 Latin America (5)	UD, CUE	
HIS 3765 Traditional East Asia (5)	W, UD, WE	
HIS 3785 East Asian Modernities (5)	W, UD, WE	
HIS 3786 Nation City&Identity in China (5)	UD, WE	
HIS 3790 History of Africa (5)	UD, WE	
PSY 3410 Cross-Cultural Psychology (5)	UD, CUE	
SOC 4210 Gender in the Global Context (5)	UD, CUE	
SPN 3100 Advanced Spanish (1-5)	FORL, UD	
SPN 3101 Advanced Spanish (5)	UD	
SPN 3110 Composicion y conversacion (5)	UD	
SPN 3120 Civilizacion y Cultura (5)	UD	
SPN 4100 Intensive Spanish (1-5)	UD	

SPN 4105 Literature Survey:Golden Age (5)	W, UD	
SPN 4401 Topics in Spanish Literature (5)	W, UD	
SPN 4501 Topics in Latin American Lit (5)	W, UD	
SECTION CREDITS REQUIRED		8
MINIMUM TOTAL CREDITS REQUIRED		75

ADDITIONAL REQUIREMENTS AND INFORMATION

- Required Attendance at New Majors Dessert
- Spreadsheet Competency Requirement
- MAT 2360/2700 may complete stats if taken for another prog
- PSY 2360 may complete stats if taken for another program
- *ECN 3500, 4010 or HSC 4700 may count if extra from core

WHO WE ARE

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Character: SBGE graduates will embody personal and professional integrity by serving the public good in doing what is right and doing so with an awareness of consequences.

Community: SBGE graduates will cultivate a life of friendship, civility, and community through responsible discourse and respect for each other.

For more learning outcomes, visit the School's [Political Science website](#).

Degree Requirements

POLITICS, PHILOSOPHY & ECONOMICS: APPLIED ECONOMICS (BA)

89 Credits Minimum, Including 41 Upper Division (UD)

REQUIRED CORE: POLITICAL SCIENCE COURSES

Course	Attributes	Credits
POL 1110 Introduction to Politics	WKSS	5
POL 1120 American Government & Politics (5)	WKSS	5
POL 4450 Constitutional Law:Powers (5)	UD	
POL 4451 Constutional Law:Liberties (5)	UD	
POL 2320 Comparative Political Systems (5)	-	5
POL 2330 International Relations (5)	WKSS, CUE	
POL 4641 Theories of Poltcl Sys:Ancient (5)	W, UD	5
POL 4642 Theories of Politcl Sys:Modern (5)	W, UD	
SECTION CREDITS REQUIRED		20

REQUIRED CORE: PHILOSOPY COURSES*

Course	Attributes	Credits
PHI 1001 Logic and Critical Thinking	WKH	5
PHI 1002 Ethics and the Good Life (5)	WKH	3
PHI 1004 The Examined Life (5)	WKH	
PHI 3770 Political Philosophy (3)	W, UD	
PHI 3601 Ancient Philosophy (5)	W, UD	3
PHI 3602 Medieval Philosophy (3)	W, UD	
PHI 3633 Early Modern Philosophy (5)	W, UD	
PHI 3651 Contemporary Ethical Theory	W, UD	5
SECTION CREDITS REQUIRED		18

REQUIRED CORE: ECONOMICS COURSES

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics	WKSS	5
ECN 2102 Principles of Macroeconomics	WKSS	5
ECN 3202 Intermediate Macroeconomics	W, UD	5

ECN 4310 International Political Economy (5)	UD	5
POL 4310 International Political Economy (5)	UD	
SECTION CREDITS REQUIRED		20

REQUIRED APPLIED ECONOMICS COURSES

Course	Attributes	Credits
ECN 3201 Intermediate Microeconomics	UD	5
ECN 4010 Health Economics	W, UD	5
ECN 3321 Money & Banking (5)	UD	5
ECN 3500 Environmental Economics (5)	UD	
ECN 3690 Inclusive Financial Services (5)	UD	
ECN 3811 Microeconomics of Development (5)	W, UD, WE, CUE	
ECN 3812 Macroeconomics of Development (5)	W, UD, WE, CUE	
SECTION CREDITS REQUIRED		15

SUPPORTING COURSES

Course	Attributes	Credits
BUS 2910 Internship & Career Strategies (1)	-	1
GS 3001 Internship & Job Search Stratg (1)	UD	
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 3700 Quant Meth for Decision Making (5)	UD	5
POL 4643 Methods of Political Analysis (5)	UD	
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
ECN 4899 Capstone: Political Economy (5)	W, UD	3
BUS 4899 Business Ethics (5)	W, UD	
POL 4899 Political Science Capstone (3)	W, UD	
PHI 4897 Philosophy of Religion (5)	UD	
SECTION CREDITS REQUIRED		16
MINIMUM TOTAL CREDITS REQUIRED		89

ADDITIONAL REQUIREMENTS AND INFORMATION

- *If course needed to reach 18-PHI-CR, take PHI 2500 or 4653
- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement

Degree Requirements

POLITICS, PHILOSOPHY & ECONOMICS: INTERNATIONAL AFFAIRS (BA)

89 Credits Minimum, Including 41 Upper Division (UD)

REQUIRED CORE: POLITICAL SCIENCE COURSES

Course	Attributes	Credits
POL 1110 Introduction to Politics	WKSS	5
POL 1120 American Government & Politics (5)	WKSS	5
POL 4450 Constitutional Law:Powers (5)	UD	
POL 4451 Constutional Law:Liberties (5)	UD	
POL 2320 Comparative Political Systems (5)	-	5
POL 2330 International Relations (5)	WKSS, CUE	
POL 4641 Theories of Poltcl Sys:Ancient (5)	W, UD	5
POL 4642 Theories of Politcl Sys:Modern (5)	W, UD	
SECTION CREDITS REQUIRED		20

REQUIRED CORE: PHILOSOPY COURSES*

Course	Attributes	Credits
PHI 1001 Logic and Critical Thinking	WKH	5
PHI 1002 Ethics and the Good Life (5)	WKH	3
PHI 1004 The Examined Life (5)	WKH	
PHI 3770 Political Philosophy (3)	W, UD	
PHI 3601 Ancient Philosophy (5)	W, UD	3
PHI 3602 Medieval Philosophy (3)	W, UD	
PHI 3633 Early Modern Philosophy (5)	W, UD	
PHI 3651 Contemporary Ethical Theory	W, UD	5
SECTION CREDITS REQUIRED		18

REQUIRED CORE: ECONOMICS COURSES

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics	WKSS	5
ECN 2102 Principles of Macroeconomics	WKSS	5
ECN 3202 Intermediate Macroeconomics	W, UD	5

ECN 4310 International Political Economy (5)	UD	5
POL 4310 International Political Economy (5)	UD	
SECTION CREDITS REQUIRED		20

REQUIRED INTERNATIONAL AFFAIRS COURSES

Course	Attributes	Credits
POL 3320 Pol & Econ Developmt of Nations (5)	W, UD	15
POL 3400 International Organizations (3)	UD, CUE	
POL 3670 Hist of Amer Foreign Relations (5)	W, UD, WE	
POL 4452 International Law (3)	UD, CUE	
POL 4643 Methods of Political Analysis (5)	UD	
SECTION CREDITS REQUIRED		15

SUPPORTING COURSES

Course	Attributes	Credits
BUS 2910 Internship & Career Strategies (1)	-	1
GS 3001 Internship & Job Search Stratg (1)	UD	
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 3700 Quant Meth for Decision Making (5)	UD	5
POL 4643 Methods of Political Analysis (5)	UD	
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
BUS 4899 Business Ethics (5)	W, UD	3
ECN 4899 Capstone: Political Economy (5)	W, UD	
PHI 4897 Philosophy of Religion (5)	UD	
POL 4899 Political Science Capstone (3)	W, UD	
SECTION CREDITS REQUIRED		16
MINIMUM TOTAL CREDITS REQUIRED		89

ADDITIONAL REQUIREMENTS AND INFORMATION

- *If course needed to reach 18-PHI-CR, take PHI 2500 or 4653
- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement

WHO WE ARE

The School of Business, Government, and Economics offers majors in Business Administration; Accounting; Economics; Global Development Studies; Political Science; and Politics, Philosophy and Economics.

We also offer minors in Business Administration, Economics, Entrepreneurship, Geopolitics, and Political Science.

OUR MISSION

Deeply grounded in Christian faith and values, we develop leaders who advance human flourishing through service in business, government, and civil society.

LEARNING OUTCOMES

Competence: SBGE graduates will be able to articulate discipline specific knowledge and apply skills essential for service and leadership.

Character: SBGE graduates will embody personal and professional integrity by serving the public good in doing what is right and doing so with an awareness of consequences.

Community: SBGE graduates will cultivate a life of friendship, civility, and community through responsible discourse and respect for each other.

For more learning outcomes, visit the School's [Accounting website](#).

WHO WE ARE

The Department of Sociology at Seattle Pacific University considers and studies the systematic study of groups, how they influence individuals, and the effects of their collective interaction.

OUR MISSION

The central premise of sociology is that the individual cannot be understood apart from societal and interpersonal contexts. Therefore, our coursework is designed to help students gain perspective on themselves and the world around them through an analysis of social structure and culture.

LEARNING OUTCOMES

Students majoring in sociology have secured positions in government, business, industry, and private research agencies. Others hold jobs in planning agencies and research departments of city, county, state, and federal government. They also serve in religious organizations, law enforcement agencies, and many other settings.

Degree Requirements

POLITICS, PHILOSOPHY & ECONOMICS: LAW (BA)

89 Credits Minimum, Including 41 Upper Division (UD)

REQUIRED CORE: POLITICAL SCIENCE COURSES

Course	Attributes	Credits
POL 1110 Introduction to Politics	WKSS	5
POL 1120 American Government & Politics (5)	WKSS	5
POL 4450 Constitutional Law:Powers (5)	UD	
POL 4451 Constutional Law:Liberties (5)	UD	
POL 2320 Comparative Political Systems (5)	-	5
POL 2330 International Relations (5)	WKSS, CUE	
POL 4641 Theories of Poltcl Sys:Ancient (5)	W, UD	5
POL 4642 Theories of Politcl Sys:Modern (5)	W, UD	
SECTION CREDITS REQUIRED		20

REQUIRED CORE: PHILOSOPY COURSES*

Course	Attributes	Credits
PHI 1001 Logic and Critical Thinking	WKH	5
PHI 1002 Ethics and the Good Life (5)	WKH	3
PHI 1004 The Examined Life (5)	WKH	
PHI 3770 Political Philosophy (3)	W, UD	
PHI 3601 Ancient Philosophy (5)	W, UD	3
PHI 3602 Medieval Philosophy (3)	W, UD	
PHI 3633 Early Modern Philosophy (5)	W, UD	
PHI 3651 Contemporary Ethical Theory	W, UD	5
SECTION CREDITS REQUIRED		18

REQUIRED CORE: ECONOMICS COURSES

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics	WKSS	5
ECN 2102 Principles of Macroeconomics	WKSS	5
ECN 3202 Intermediate Macroeconomics	W, UD	5

ECN 4310 International Political Economy (5)	UD	5
POL 4310 International Political Economy (5)	UD	
SECTION CREDITS REQUIRED		20

LAW TRACK (SEE ADDITIONAL OPTIONS AT BOTTOM OF THE PAGE)*

Course	Attributes	Credits
BUS 2414 Legal Environment of Business (5)	-	15
POL 3780 Law & Society (5)	UD, WE	
POL 4452 International Law (3)	UD, CUE	
SECTION CREDITS REQUIRED		15

SUPPORTING COURSES

Course	Attributes	Credits
BUS 2910 Internship & Career Strategies (1)	-	1
GS 3001 Internship & Job Search Stratg (1)	UD	
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 3700 Quant Meth for Decision Making (5)	UD	5
POL 4643 Methods of Political Analysis (5)	UD	
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
BUS 4899 Business Ethics (5)	W, UD	3
ECN 4899 Capstone: Political Economy (5)	W, UD	
PHI 4897 Philosophy of Religion (5)	UD	
POL 4899 Political Science Capstone (3)	W, UD	
SECTION CREDITS REQUIRED		16
MINIMUM TOTAL CREDITS REQUIRED		89

ADDITIONAL REQUIREMENTS AND INFORMATION

- *If course needed to reach 18-PHI-CR, take PHI 2500 or 4653
- *POL 4450 may count here if not used elsewhere
- *POL 4451 may count here if not used elsewhere
- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement

Degree Requirements

POLITICS, PHILOSOPHY & ECONOMICS: PUBLIC ADMINISTRATION (BA)

89 Credits Minimum, Including 41 Upper Division (UD)

REQUIRED CORE: POLITICAL SCIENCE COURSES

Course	Attributes	Credits
POL 1110 Introduction to Politics	WKSS	5
POL 1120 American Government & Politics (5)	WKSS	5
POL 4450 Constitutional Law:Powers (5)	UD	
POL 4451 Constutional Law:Liberties (5)	UD	
POL 2320 Comparative Political Systems (5)	-	5
POL 2330 International Relations (5)	WKSS, CUE	
POL 4641 Theories of Poltcl Sys:Ancient (5)	W, UD	5
POL 4642 Theories of Politcl Sys:Modern (5)	W, UD	
SECTION CREDITS REQUIRED		20

REQUIRED CORE: PHILOSOPY COURSES*

Course	Attributes	Credits
PHI 1001 Logic and Critical Thinking	WKH	5
PHI 1002 Ethics and the Good Life (5)	WKH	3
PHI 1004 The Examined Life (5)	WKH	
PHI 3770 Political Philosophy (3)	W, UD	
PHI 3601 Ancient Philosophy (5)	W, UD	3
PHI 3602 Medieval Philosophy (3)	W, UD	
PHI 3633 Early Modern Philosophy (5)	W, UD	
PHI 3651 Contemporary Ethical Theory	W, UD	5
SECTION CREDITS REQUIRED		18

REQUIRED CORE: ECONOMICS COURSES

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics	WKSS	5
ECN 2102 Principles of Macroeconomics	WKSS	5
ECN 3202 Intermediate Macroeconomics	W, UD	5

ECN 4310 International Political Economy (5)	UD	5
POL 4310 International Political Economy (5)	UD	
SECTION CREDITS REQUIRED		20

REQUIRED PUBLIC ADMINISTRATION COURSES

Course	Attributes	Credits
BUS 3614 Organizational Behavior for Managers (5)	UD	15
BUS 3670 Management Non-Profit Sector (5)	UD	
POL 3677 Urban Politics (5)	UD, WE	
POL 4000 Public Policy & Administration (5)	UD	
SECTION CREDITS REQUIRED		15

SUPPORTING COURSES

Course	Attributes	Credits
BUS 2910 Internship & Career Strategies (1)	-	1
GS 3001 Internship & Job Search Strategy (1)	UD	
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 3700 Quant Meth for Decision Making (5)	UD	5
POL 4643 Methods of Political Analysis (5)	UD	
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
BUS 4899 Business Ethics (5)	W, UD	3
ECN 4899 Capstone: Political Economy (5)	W, UD	
PHI 4897 Philosophy of Religion (5)	UD	
POL 4899 Political Science Capstone (3)	W, UD	
SECTION CREDITS REQUIRED		16
MINIMUM TOTAL CREDITS REQUIRED		89

ADDITIONAL REQUIREMENTS AND INFORMATION

- *If course needed to reach 18-PHI-CR, take PHI 2500 or 4653
- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement

Degree Requirements

POLITICS, PHILOSOPHY & ECONOMICS: PHILOSOPHY (BA)

90 Credits Minimum, Including 41 Upper Division (UD)

REQUIRED CORE: POLITICAL SCIENCE COURSES

Course	Attributes	Credits
POL 1110 Introduction to Politics	WKSS	5
POL 1120 American Government & Politics (5)	WKSS	5
POL 4450 Constitutional Law:Powers (5)	UD	
POL 4451 Constitutional Law:Liberties (5)	UD	
POL 2320 Comparative Political Systems (5)	-	5
POL 2330 International Relations (5)	WKSS, CUE	
POL 4641 Theories of Poltcl Sys:Ancient (5)	W, UD	5
POL 4642 Theories of Politcl Sys:Modern (5)	W, UD	
SECTION CREDITS REQUIRED		20

REQUIRED CORE: PHILOSOPY COURSES*

Course	Attributes	Credits
PHI 1001 Logic and Critical Thinking	WKH	5
PHI 1002 Ethics and the Good Life (5)	WKH	3
PHI 1004 The Examined Life (5)	WKH	
PHI 3770 Political Philosophy (3)	W, UD	
PHI 3601 Ancient Philosophy (5)	W, UD	3
PHI 3602 Medieval Philosophy (3)	W, UD	
PHI 3633 Early Modern Philosophy (5)	W, UD	
PHI 3651 Contemporary Ethical Theory	W, UD	5
SECTION CREDITS REQUIRED		18

REQUIRED CORE: ECONOMICS COURSES

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics	WKSS	5
ECN 2102 Principles of Macroeconomics	WKSS	5
ECN 3202 Intermediate Macroeconomics	W, UD	5

ECN 4310 International Political Economy (5)	UD	5
POL 4310 International Political Economy (5)	UD	
SECTION CREDITS REQUIRED		20

SUPPORTING COURSES

Course	Attributes	Credits
BUS 2910 Internship & Career Strategies (1) GS 3001 Internship & Job Search Stratg (1)	- UD	1
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 3700 Quant Meth for Decision Making (5) POL 4643 Methods of Political Analysis (5)	UD UD	5
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
BUS 4899 Business Ethics (5) ECN 4899 Capstone: Political Economy (5) PHI 4897 Philosophy of Religion (5) POL 4899 Political Science Capstone (3)	W, UD W, UD UD W, UD	3
SECTION CREDITS REQUIRED		16

REQUIRED PHILOSOPHY TRACK COURSES

Course	Attributes	Credits
PHI 4652 Contemporary Metaphysics	W, UD	5
PHI 2001 Advanced Logic (5) PHI 3999 Mind & Immortality (3) PHI 4653 Contemporary Epistemology (3)	- W, UD UD	3
SECTION CREDITS REQUIRED		8

Philosophy Track Electives	8
MINIMUM TOTAL CREDITS REQUIRED	90

ADDITIONAL REQUIREMENTS AND INFORMATION

- *If course needed to reach 18-PHI-CR, take PHI 2500 or 4653
- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement

Degree Requirements

PHYSICS WITH EDUCATION FOCUS (BA)

78 Credits Minimum, Including 36 Upper Division (UD)

INTRODUCTORY CLASSES

Course	Attributes	Credits
PHY 1101 General Physics (5)	WKFS	15
PHY 1102 General Physics (5)	-	
PHY 1103 General Physics (5)	-	
- OR -		
PHY 1121 Physics for Sci & Engineering (5)	WKFS	15
PHY 1122 Physics for Sci & Engineering (5)	-	
PHY 1123 Physics for Sci & Engineering (5)	-	
PHY 2321 Intermediate Physics	-	5
SECTION CREDITS REQUIRED		20

MATH

Course	Attributes	Credits
MAT 1234 Calculus I	WKQR	5
MAT 1235 Calculus II	-	5
MAT 1236 Calculus III	-	5
MAT 2401 Linear Algebra	-	3
MAT 3238 Vector Calculus	UD	3
SECTION CREDITS REQUIRED		21

REQUIRED LAB CLASSES

Course	Attributes	Credits
PHY 3311 Experimental Methods I	WKAS, W, UD	3
PHY 3312 Experimental Methods II	WKAS, W, UD	3
SECTION CREDITS REQUIRED		6

REQUIRED UPPER DIVISION*

Course	Attributes	Credits
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EGR 3400 Dynamics (5)	UD	3
ME 3400 Dynamics (5)	UD	
PHY 3110 Mechanical Modeling (3)	UD	
EGR 3500 Thermal Science I:Thermodynmc s (5)	UD	3
ME 3500 Thermal Science I:Thermodynmc s (5)	UD	
PHY 3401 Thermal & Statistical Physics (3)	UD	
PHY 3315 Electricity and Magnetism I	UD	3
PHY 3340 Quantum Mechanics I	UD	3
PHY 4899 Natural Sciences Seminar	UD	2
SECTION CREDITS REQUIRED		14

TEACHING PREPARATION (TAKE PHY 4520 THREE TIMES)

Course	Attributes	Credits
PHY 4520 Preparing to Teach	UD	6
SECTION CREDITS REQUIRED		6

ELECTIVES (TO REACH 78 TOTAL AND 36 UD)*

Course	Attributes	Credits
EGR 3611 ASE I:Alternative Energy Systm (5)	UD	11
PHY 3011 Global Climate Change (5)	UD, WE	
PHY 3211 Acoustics (5)	UD	
PHY 3313 Experimental Methods III (3)	W, UD	
PHY 4242 Atmospheric Science (2-5)	UD	
PHY 4311 Optics and Lasers (5)	UD	
PHY 4315 Electricity and Magnetism II (3)	UD	
PHY 4340 Quantum Mechanics II (3)	UD	
PHY 4900 Independent Study (1-5)	UD	
PHY 4905 Independent Study in Physics (1-5)	UD	
PHY 4930 Physics Practicum (1-5)	UD	
PHY 4940 Internship in Physics (1-5)	UD	
PHY 4950 Special Topics in Physics (1-5)	UD	
PHY 4970 Undergraduate Research (1-5)	UD	
SECTION CREDITS REQUIRED		11
MINIMUM TOTAL CREDITS REQUIRED		78

ADDITIONAL REQUIREMENTS AND INFORMATION

- *If not used for Required UD, EGR 3500 may be used as Electv
- *If not used for Required UD, PHY 3401 may be used as Electv

Degree Requirements

ACCOUNTING MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

ACCOUNTING MINOR CORE

Course	Attributes	Credits
ACCT 2361 Financial Accounting (5)	-	
ACCT 2362 Managerial Accounting (5)	-	
ACCT 3351 Intermediate Accounting I (5)	UD	25
ACCT 3352 Intermediate Accounting II (5)	UD	
BUS 2700 Statistics for Business & Econ (5)	WKQR	
SECTION CREDITS REQUIRED		25

ELECTIVES

Course	Attributes	Credits
ACCT 3324 Federal Income Taxation (5)	UD	
ACCT 3327 Cost Accounting (5)	UD	5
ACCT 3370 Accounting Information Systems (5)	UD	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

ACCOUNTING (BA)

110 Credits Minimum, Including 68 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics (5)	WKSS	10
ECN 2102 Principles of Macroeconomics (5)	WKSS	
ACCT 2361 Financial Accounting (5)	-	10
ACCT 2362 Managerial Accounting (5)	-	
BUS 2414 Legal Environment of Business	-	5
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 3250 Business Finance	UD	5
BUS 3541 Marketing & Society	UD	5
BUS 3614 Organizatnl Behavr for Managrs	UD	5
BUS 3700 Quant Meth for Decision Making	UD	5
BUS 4644 Operations Management	UD	5
BUS 4650 Data Analytics & Visualization	UD	5
BUS 4690 Strategic Management	W, UD	5
BUS 4899 Business Ethics	W, UD	5
ACCT 3324 Federal Income Taxation	UD	5
ACCT 3327 Cost Accounting	UD	5
ACCT 3328 Auditing	UD	5
ACCT 3351 Intermediate Accounting I (5)	UD	10
ACCT 3352 Intermediate Accounting II (5)	UD	
ACCT 3370 Accounting Information Systems	UD	5
ACCT 3353 Advanced Accounting	UD	5
ACCT 4899 Capstone:Acct Theory &Problems	W, UD	5
SECTION CREDITS REQUIRED		110
MINIMUM TOTAL CREDITS REQUIRED		110

ADDITIONAL REQUIREMENTS AND INFORMATION

- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement

WHO WE ARE

The Philosophy Department provides a major course of study in philosophy and a minor as well. In addition, the Philosophy Department teaches most of the sections of University Core 3000 (“Faith, Philosophy, and Science”), which is required of all SPU students and explores issues at the intersection of faith, philosophy, and science.

OUR MISSION

Our mission is to equip students with an understanding of both the history of philosophy and the problems of philosophy, and to do so in a way that underscores the relationships between philosophy and the Christian faith. We seek to graduate students who can speak and write with clarity about important philosophical, religious, moral, and social issues.

LEARNING OUTCOMES

For Philosophy majors (and, to a lesser extent, minors):

- **The ability to formulate (orally and in writing)** a full range of philosophical problems and proposed solutions to them, including solutions proposed by salient figures in the history of philosophy.
- **The ability to write clear and well-argued** essays on philosophical topics.
- **The ability to engage clearly** and thoughtfully in rational dialogue.
- **The ability to develop** the intellectual virtues of curiosity, intellectual honesty, rigorous thinking, and charity (in interpreting others).

For SPU students in general:

- **The ability to write clearly** about a series of important issues at the intersection of religion, philosophy, and science (e.g., the faith/reason issue, the problem of evil, and the soul/body issue).
- **The ability to develop intellectual virtues of curiosity**, intellectual honesty, and charity (in interpreting others).

Degree Requirements

POLITICS, PHILOSOPHY & ECONOMICS: SOCIAL ENTERPRISE (BA)

89 Credits Minimum, Including 41 Upper Division (UD)

REQUIRED CORE: POLITICAL SCIENCE COURSES

Course	Attributes	Credits
POL 1110 Introduction to Politics	WKSS	5
POL 1120 American Government & Politics (5)	WKSS	5
POL 4450 Constitutional Law:Powers (5)	UD	
POL 4451 Constitutional Law:Liberties (5)	UD	
POL 2320 Comparative Political Systems (5)	-	5
POL 2330 International Relations (5)	WKSS, CUE	
POL 4641 Theories of Poltcl Sys:Ancient (5)	W, UD	5
POL 4642 Theories of Politcl Sys:Modern (5)	W, UD	
SECTION CREDITS REQUIRED		20

REQUIRED CORE: PHILOSOPY COURSES*

Course	Attributes	Credits
PHI 1001 Logic and Critical Thinking	WKH	5
PHI 1002 Ethics and the Good Life (5)	WKH	3
PHI 1004 The Examined Life (5)	WKH	
PHI 3770 Political Philosophy (3)	W, UD	
PHI 3601 Ancient Philosophy (5)	W, UD	3
PHI 3602 Medieval Philosophy (3)	W, UD	
PHI 3633 Early Modern Philosophy (5)	W, UD	
PHI 3651 Contemporary Ethical Theory	W, UD	5
SECTION CREDITS REQUIRED		18

REQUIRED CORE: ECONOMICS COURSES

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics	WKSS	5
ECN 2102 Principles of Macroeconomics	WKSS	5
ECN 3202 Intermediate Macroeconomics	W, UD	5

ECN 4310 International Political Economy (5)	UD	5
POL 4310 International Political Economy (5)	UD	
SECTION CREDITS REQUIRED		20

REQUIRED SOCIAL ENTERPRISE COURSES

Course	Attributes	Credits
BUS 3680 Social Enterprise	UD	3
BUS 3682 Social Venture Planning	UD	2
BUS 3670 Management Non-Profit Sector (5)	UD	5
BUS 3690 Inclusive Financial Services (5)	UD	
ECN 3811 Microeconomics of Development (5)	W, UD, WE, CUE	5
ECN 3812 Macroeconomics of Development (5)	W, UD, WE, CUE	
POL 3320 Pol & Econ Develpmt of Nations (5)	W, UD	
SECTION CREDITS REQUIRED		15

SUPPORTING COURSES

Course	Attributes	Credits
BUS 2910 Internship & Career Strategies (1)	-	1
GS 3001 Internship & Job Search Stratg (1)	UD	
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 3700 Quant Meth for Decision Making (5)	UD	5
POL 4643 Methods of Political Analysis (5)	UD	
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
BUS 4899 Business Ethics (5)	W, UD	3
ECN 4899 Capstone: Political Economy (5)	W, UD	
PHI 4897 Philosophy of Religion (5)	UD	
POL 4899 Political Science Capstone (3)	W, UD	
SECTION CREDITS REQUIRED		16
MINIMUM TOTAL CREDITS REQUIRED		89

ADDITIONAL REQUIREMENTS AND INFORMATION

- *If course needed to reach 18-PHI-CR, take PHI 2500 or 4653
- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement

Degree Requirements

POLITICS, PHILOSOPHY & ECONOMICS: FINANCIAL ECONOMICS (BA)

89 Credits Minimum, Including 41 Upper Division (UD)

REQUIRED CORE: POLITICAL SCIENCE COURSES

Course	Attributes	Credits
POL 1110 Introduction to Politics	WKSS	5
POL 1120 American Government & Politics (5)	WKSS	5
POL 4450 Constitutional Law:Powers (5)	UD	
POL 4451 Constutional Law:Liberties (5)	UD	
POL 2320 Comparative Political Systems (5)	-	5
POL 2330 International Relations (5)	WKSS, CUE	
POL 4641 Theories of Poltcl Sys:Ancient (5)	W, UD	5
POL 4642 Theories of Politcl Sys:Modern (5)	W, UD	
SECTION CREDITS REQUIRED		20

REQUIRED CORE: PHILOSOPY COURSES*

Course	Attributes	Credits
PHI 1001 Logic and Critical Thinking	WKH	5
PHI 1002 Ethics and the Good Life (5)	WKH	3
PHI 1004 The Examined Life (5)	WKH	
PHI 3770 Political Philosophy (3)	W, UD	
PHI 3601 Ancient Philosophy (5)	W, UD	3
PHI 3602 Medieval Philosophy (3)	W, UD	
PHI 3633 Early Modern Philosophy (5)	W, UD	
PHI 3651 Contemporary Ethical Theory	W, UD	5
SECTION CREDITS REQUIRED		18

REQUIRED CORE: ECONOMICS COURSES

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics	WKSS	5
ECN 2102 Principles of Macroeconomics	WKSS	5
ECN 3202 Intermediate Macroeconomics	W, UD	5

ECN 4310 International Political Economy (5)	UD	5
POL 4310 International Political Economy (5)	UD	
SECTION CREDITS REQUIRED		20

REQUIRED FINANCIAL ECONOMICS COURSES

Course	Attributes	Credits
ACCT 2361 Financial Accounting (5)	-	15
BUS 3250 Business Finance (5)	UD	
BUS 3251 Investments (5)	UD	
SECTION CREDITS REQUIRED		15

SUPPORTING COURSES

Course	Attributes	Credits
BUS 2910 Internship & Career Strategies (1)	-	1
GS 3001 Internship & Job Search Stratg (1)	UD	
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 3700 Quant Meth for Decision Making (5)	UD	5
POL 4643 Methods of Political Analysis (5)	UD	
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
BUS 4899 Business Ethics (5)	W, UD	3
ECN 4899 Capstone: Political Economy (5)	W, UD	
PHI 4897 Philosophy of Religion (5)	UD	
POL 4899 Political Science Capstone (3)	W, UD	
SECTION CREDITS REQUIRED		16
MINIMUM TOTAL CREDITS REQUIRED		89

ADDITIONAL REQUIREMENTS AND INFORMATION

- *If course needed to reach 18-PHI-CR, take PHI 2500 or 4653
- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement

Degree Requirements

INTEGRATED STUDIES: THE ARTS CONCENTRATION (BA)

86 Credits Minimum, Including 35 Upper Division (UD)

LANGUAGE ARTS CORE

Course	Attributes	Credits
LIN 2100 Foundations of Language Study (5)	WKH	5
COM 1101 Intro to Interpersonal Commun (5)	WKH	
COM 1321 Public Speaking (5)	WKH	
EDRD 3516 Children's Literature (3)	UD	3
EDRD 3517 Young Adult Literature (3)	UD	
SECTION CREDITS REQUIRED		8

MATHEMATICS CORE

Course	Attributes	Credits
MAT 1560 Numerical Reasoning	-	4
MAT 2561 Statistical & Algebraic Reasng	WKQR	4
MAT 3562 Geometric Reasoning	UD	4
SECTION CREDITS REQUIRED		12

THE ARTS CORE

Course	Attributes	Credits
ART 3546 Art Education	WKA, UD	3
MUS 3501 Elementary Music Education	WKA, UD	3
TRE 3800 Theatre Education	WKA, UD	3
SECTION CREDITS REQUIRED		9

HEALTH & FITNESS CORE

Course	Attributes	Credits
HHP 3510 Teaching Physical Education	UD	5
SECTION CREDITS REQUIRED		5

NATURAL SCIENCES CORE

Course	Attributes	Credits
BIO 2571 Introduction to Biology	WKFS	5
PHY 2567 Devlp Concppts Physcl Science I	WKAS	3
PHY 2568 Devlp Concppt Physcl Science II	WKAS	4
SECTION CREDITS REQUIRED		12

SOCIAL SCIENCES CORE

Course	Attributes	Credits
POL 1120 American Government & Politics	WKSS	5
HIS 2502 The United States to 1876 (5)	WKSS	5
HIS 2503 The United States Since 1876 (5)	WKSS	
SECTION CREDITS REQUIRED		10

THE ARTS CONCENTRATION REQUIREMENTS

Course	Attributes	Credits
ART 1180 Visual Literacy (5)	WKA	10
MUS 1050 Fundamentals of Music (3)	WKA	
MUS 1051 Aural Skills Fundamentals (2)	-	
TRE 1340 Acting Fundamentals I (5)	WKA	
SECTION CREDITS REQUIRED		10

EDU OR THE ARTS CAPSTONE REQUIREMENT

Course	Attributes	Credits
EDU 4899 Teacher as Person-Capstone (2)	W, UD	2
TRE 4899 Theatre Capstone (2)	UD	
SECTION CREDITS REQUIRED		2

THE ARTS ELECTIVES (SELECT 18 TOTAL CREDITS; AT LEAST 12 UD)

Course	Attributes	Credits
ART 1102 Drawng Studio:Observtn&Realism (5)	WKA	
ART 2602 West Trad I: Ancient&Medvl Art (5)	WKA	
ART 2603 West Trad II: Art since Renssnc (5)	WKA	
ART 3605 Modern Art: Image and Power (5)	W, UD, WE	
ART 3608 Issues:Contemptry Art&Vis Cultr (5)	W, UD, WE, CUE	
MUS 2301 Gospel Choir (2)	WKA	
MUS 2304 Chamber Singers (1)	WKA	
MUS 2305 Treble Choir (2)	WKA	
MUS 2306 Brass Ensemble (1)	WKA	
MUS 2307 Percussion Ensemble (1-2)	WKA	
MUS 2308 Elite Ensemble (1)	WKA	

MUS 2308 <u>Flute Ensemble</u> (1)	WKA	
MUS 2311 <u>Jazz Lab</u> (2)	WKA	
MUS 2312 <u>Tenor/Bass Choir</u> (2)	WKA	
MUS 2313 <u>Vocal Jazz Ensemble</u> (2)	-	
MUS 2340 <u>Chamber Ensemble</u> (1-2)	-	
MUS 2350 <u>Concert Choir</u> (2)	WKA	
MUS 2351 <u>Wind Ensemble</u> (2)	WKA	
MUS 2353 <u>Symphony Orchestra</u> (2)	WKA	
MUS 2360 <u>Singing from the Stage</u> (1-2)	WKA	
MUS 2402 <u>History & Appreciation of Jazz</u> (5)	WE	
MUS 3502 <u>Making Music w Diverse Learner</u> (3)	UD	
MUS 4301 <u>Gospel Choir</u> (2)	WKA, UD	
MUS 4304 <u>Chamber Singers</u> (1)	WKA, UD	
MUS 4305 <u>Treble Choir</u> (2)	WKA, UD	
MUS 4306 <u>Brass Ensemble</u> (1)	WKA, UD	
MUS 4307 <u>Percussion Ensemble</u> (1-2)	WKA, UD	18
MUS 4308 <u>Flute Ensemble</u> (1)	WKA, UD	
MUS 4309 <u>String Quartet</u> (1)	WKA, UD	
MUS 4310 <u>Keyboard Ensemble</u> (1)	WKA, UD	
MUS 4311 <u>Jazz Lab</u> (2)	WKA, UD	
MUS 4312 <u>Tenor/Bass Choir</u> (2)	WKA, UD	
MUS 4313 <u>Vocal Jazz Ensemble</u> (2)	UD	
MUS 4340 <u>Chamber Ensemble</u> (1-2)	UD	
MUS 4350 <u>Concert Choir</u> (2)	WKA, UD	
MUS 4351 <u>Wind Ensemble</u> (2)	WKA, UD	
MUS 4353 <u>Symphony Orchestra</u> (2)	WKA, UD	
MUS 4360 <u>Singing from the Stage</u> (1-2)	WKA, UD	
MUS 4402 <u>History & Appreciation of Jazz</u> (5)	W, UD, WE	
TRE 1720 <u>Stagecraft</u> (5)	-	
TRE 1750 <u>Introduction to Theatre Design</u> (5)	-	
TRE 1930 <u>Performance Practicum</u> (2)	WKA	
TRE 1931 <u>Production Practicum</u> (2)	-	
TRE 2450 <u>Analyzng & Interpretng Theatre</u> (5)	WKA	
TRE 3600 <u>Theatre Literature and Theory</u> (5)	W, UD, CUE	
TRE 3710 <u>Play Directing</u> (5)	UD	
TRE 3930 <u>Performance Practicum</u> (2)	WKA, UD	
TRE 3931 <u>Production Practicum</u> (2)	UD	
TRE 4760 <u>Playwriting</u> (5)	W, UD	
TRE 4911 <u>History of the Theatre I</u> (5)	W, UD	
TRE 4913 <u>History of the Theatre II</u> (5)	W, UD	
SECTION CREDITS REQUIRED		18
MINIMUM TOTAL CREDITS REQUIRED		86

WHO WE ARE

The School of Business, Government, and Economics offers majors in Business Administration; Accounting; Economics; Global Development Studies; Political Science; and Politics, Philosophy and Economics.

We also offer minors in Business Administration, Economics, Entrepreneurship, Geopolitics, and Political Science.

OUR MISSION

Deeply grounded in Christian faith and values, we develop leaders who advance human flourishing through service in business, government, and civil society.

LEARNING OUTCOMES

Competence: SBGE graduates will be able to articulate discipline specific knowledge and apply skills essential for service and leadership.

Character: SBGE graduates will embody personal and professional integrity by serving the public good in doing what is right and doing so with an awareness of consequences.

Community: SBGE graduates will cultivate a life of friendship, civility, and community through responsible discourse and respect for each other.

For more learning outcomes, visit the School's [Business Administration website](#).

Degree Requirements

PHILOSOPHY: GENERAL TRACK (BA)

59 Credits Minimum, Including 25 Upper Division (UD)

INTRODUCTORY COURSE

Course	Attributes	Credits
PHI 1002 Ethics and the Good Life (5)	WKH	5
PHI 1004 The Examined Life (5)	WKH	
SECTION CREDITS REQUIRED		5

HISTORY COURSES

Course	Attributes	Credits
PHI 3601 Ancient Philosophy	W, UD	5
PHI 3602 Medieval Philosophy	W, UD	3
PHI 3633 Early Modern Philosophy	W, UD	5
SECTION CREDITS REQUIRED		13

SYSTEMATIC COURSES

Course	Attributes	Credits
PHI 1001 Logic and Critical Thinking	WKH	5
PHI 2001 Advanced Logic	-	5
PHI 3651 Contemporary Ethical Theory	W, UD	5
PHI 4652 Contemporary Metaphysics	W, UD	5
PHI 3999 Mind & Immortality (3)	W, UD	3
PHI 4653 Contemporary Epistemology (3)	UD	
SECTION CREDITS REQUIRED		23

CAPSTONE

Course	Attributes	Credits
PHI 4897 Philosophy of Religion	UD	5
SECTION CREDITS REQUIRED		5

ELECTIVES

Course	Attributes	Credits
PHI 2222 Social Ethics (5)	WE	
PHI 2500 Science, Technology & Society (3)	-	
PHI 2999 Ethics and the Arts (3)	WE	
PHI 3606 Continental Philosophy (5)	W, UD	
PHI 3700 Philosophy of Language (3)	UD	13
PHI 3770 Political Philosophy (3)	W, UD	
USCH 1113 Modernity (5)	-	
HIS 3435 Marxism:20thCent Theory & Prac (3)	UD	
THEO 4401 Representative Theologies (5)	W, UD	
UCOR 3000 Faith, Philosophy, and Science (5)	UD	
SECTION CREDITS REQUIRED		13
MINIMUM TOTAL CREDITS REQUIRED		59

Degree Requirements

BUSINESS ADMINISTRATION: MARKETING (BA)

98 Credits Minimum, Including 62 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics (5)	WKSS	10
ECN 2102 Principles of Macroeconomics (5)	WKSS	
ACCT 2361 Financial Accounting (5)	-	10
ACCT 2362 Managerial Accounting (5)	-	
BUS 2414 Legal Environment of Business	-	5
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 2910 Internship & Career Strategies (1)	-	1
GS 3001 Internship & Job Search Stratg (1)	UD	
BUS 3250 Business Finance	UD	5
BUS 3541 Marketing & Society	UD	5
BUS 3614 Organizatnl Behavr for Managrs	UD	5
BUS 3620 Management Information Systems	UD	5
BUS 3700 Quant Meth for Decision Making	UD	5
BUS 3828 International Business	UD	5
BUS 4644 Operations Management	UD	5
BUS 4650 Data Analytics & Visualization	UD	5
BUS 4690 Strategic Management	W, UD	5
BUS 4899 Business Ethics	W, UD	5
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
SECTION CREDITS REQUIRED		83

MARKETING CONCENTRATION

Course	Attributes	Credits
BUS 3542 Marketing Research	UD	5
BUS 4540 Marketing Mgmt	UD	5

BUS 4543 Marketing Management	UD	5
BUS 3544 Digital & Social Media Mktg (5)	UD	
BUS 3548 International Marketing (5)	UD	5
BUS 4622 Information & Database Systems (5)	UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		98

ADDITIONAL REQUIREMENTS AND INFORMATION

- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement
- Signature Experience Requirement

Degree Requirements

BUSINESS ADMINISTRATION: FINANCE (BA)

98 Credits Minimum, Including 62 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics (5)	WKSS	10
ECN 2102 Principles of Macroeconomics (5)	WKSS	
ACCT 2361 Financial Accounting (5)	-	10
ACCT 2362 Managerial Accounting (5)	-	
BUS 2414 Legal Environment of Business	-	5
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 2910 Internship & Career Strategies (1)	-	1
GS 3001 Internship & Job Search Stratg (1)	UD	
BUS 3250 Business Finance	UD	5
BUS 3541 Marketing & Society	UD	5
BUS 3614 Organizatnl Behavr for Managrs	UD	5
BUS 3620 Management Information Systems	UD	5
BUS 3700 Quant Meth for Decision Making	UD	5
BUS 3828 International Business	UD	5
BUS 4644 Operations Management	UD	5
BUS 4650 Data Analytics & Visualization	UD	5
BUS 4690 Strategic Management	W, UD	5
BUS 4899 Business Ethics	W, UD	5
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
SECTION CREDITS REQUIRED		83

FINANCE CONCENTRATION

Course	Attributes	Credits
BUS 3251 Investments	UD	5
BUS 4674 Business Finance	UD	5

BUS 4274 <u>Problems in Corporate Finance</u>	UD	5
BUS 4275 <u>The Practice of Finance</u>	UD	5
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		98

ADDITIONAL REQUIREMENTS AND INFORMATION

- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement
- Signature Experience Requirement

Degree Requirements

BUSINESS ADMINISTRATION: PUBLIC POLICY (BA)

98 Credits Minimum, Including 62 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics (5)	WKSS	10
ECN 2102 Principles of Macroeconomics (5)	WKSS	
ACCT 2361 Financial Accounting (5)	-	10
ACCT 2362 Managerial Accounting (5)	-	
BUS 2414 Legal Environment of Business	-	5
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 2910 Internship & Career Strategies (1)	-	1
GS 3001 Internship & Job Search Stratg (1)	UD	
BUS 3250 Business Finance	UD	5
BUS 3541 Marketing & Society	UD	5
BUS 3614 Organizatnl Behavr for Managrs	UD	5
BUS 3620 Management Information Systems	UD	5
BUS 3700 Quant Meth for Decision Making	UD	5
BUS 3828 International Business	UD	5
BUS 4644 Operations Management	UD	5
BUS 4650 Data Analytics & Visualization	UD	5
BUS 4690 Strategic Management	W, UD	5
BUS 4899 Business Ethics	W, UD	5
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
SECTION CREDITS REQUIRED		83

PUBLIC POLICY TRACK

Course	Attributes	Credits
POL 4000 Public Policy & Administration	UD	5
ECN 2001 Microeconomics (5)	WKSS	5

ECN 3321 Money & Banking (5)	UD	5
ECN 3500 Environmental Economics (5)	UD	
ECN 4010 Health Economics (5)	W, UD	
POL 3677 Urban Politics (5)	UD, WE	
ECN 3201 Intermediate Microeconomics (5)	UD	5
ECN 3202 Intermediate Macroeconomics (5)	W, UD	
POL 4450 Constitutional Law:Powers (5)	UD	
POL 4451 Constitutional Law:Liberties (5)	UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		98

ADDITIONAL REQUIREMENTS AND INFORMATION

- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement
- Signature Experience Requirement

Degree Requirements

BUSINESS ADMINISTRATION: MANAGEMENT (BA)

98 Credits Minimum, Including 62 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics (5)	WKSS	10
ECN 2102 Principles of Macroeconomics (5)	WKSS	
ACCT 2361 Financial Accounting (5)	-	10
ACCT 2362 Managerial Accounting (5)	-	
BUS 2414 Legal Environment of Business	-	5
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 2910 Internship & Career Strategies (1)	-	1
GS 3001 Internship & Job Search Stratg (1)	UD	
BUS 3250 Business Finance	UD	5
BUS 3541 Marketing & Society	UD	5
BUS 3614 Organizatnl Behavr for Managrs	UD	5
BUS 3620 Management Information Systems	UD	5
BUS 3700 Quant Meth for Decision Making	UD	5
BUS 3828 International Business	UD	5
BUS 4644 Operations Management	UD	5
BUS 4650 Data Analytics & Visualization	UD	5
BUS 4690 Strategic Management	W, UD	5
BUS 4899 Business Ethics	W, UD	5
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
SECTION CREDITS REQUIRED		83

MANAGEMENT CONCENTRATION

Course	Attributes	Credits
BUS 3657 Human Resource Management	UD	5
BUS 4690 Strategic Management	W, UD	5

BUS 4660 Managing Systems	UD	5
SECTION CREDITS REQUIRED		10

NEED FIVE CREDITS FROM:

Course	Attributes	Credits
BUS 3680 Social Enterprise (3)	UD	
BUS 3682 Social Venture Planning (2)	UD	5
BUS 4631 Entrepreneurship (5)	UD	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		98

ADDITIONAL REQUIREMENTS AND INFORMATION

- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement
- Signature Experience Requirement

Degree Requirements

PHILOSOPHY MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
PHI 1002 Ethics and the Good Life (5)	WKH	5
PHI 1004 The Examined Life (5)	WKH	
SECTION CREDITS REQUIRED		5

SYSTEMATIC COURSES

Course	Attributes	Credits
PHI 1001 Logic and Critical Thinking	WKH	5
SECTION CREDITS REQUIRED		5

HISTORY COURSES

Course	Attributes	Credits
PHI 3601 Ancient Philosophy (5)	W, UD	3
PHI 3602 Medieval Philosophy (3)	W, UD	
PHI 3633 Early Modern Philosophy (5)	W, UD	
SECTION CREDITS REQUIRED		3

ELECTIVES (INCLUDING UD CREDITS TO TOTAL 15)*

Course	Attributes	Credits
PHI 2001 Advanced Logic (5)	-	15
PHI 2222 Social Ethics (5)	WE	
PHI 2500 Science, Technology & Society (3)	-	
PHI 2999 Ethics and the Arts (3)	WE	
PHI 3651 Contemporary Ethical Theory (5)	W, UD	
PHI 3606 Continental Philosophy (5)	W, UD	
PHI 3700 Philosophy of Language (3)	UD	
PHI 3770 Political Philosophy (3)	W, UD	
PHI 3999 Mind & Immortality (3)	W, UD	
PHI 4652 Contemporary Metaphysics (5)	W, UD	
PHI 4653 Contemporary Epistemology (3)	UD	
PHI 4897 Philosophy of Religion (5)	UD	
USCH 1113 Modernity (5)	-	
UICOR 3000 Faith, Philosophy, and Science (5)	UD	

CCON 3000 Faith, Philosophy, and Science (3)	UD	
HIS 3435 Marxism:20thCent Theory & Prac (3)	UD	
THEO 4401 Representative Theologies (5)	W, UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		30

ADDITIONAL REQUIREMENTS AND INFORMATION

- 20 credits total required between "History" and "Electives"

Degree Requirements

BUSINESS ADMINISTRATION: GENERAL TRACK (BA)

98 Credits Minimum, Including 62 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics (5) ECN 2102 Principles of Macroeconomics (5)	WKSS WKSS	10
ACCT 2361 Financial Accounting (5) ACCT 2362 Managerial Accounting (5)	- -	10
BUS 2414 Legal Environment of Business	-	5
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 2910 Internship & Career Strategies (1) GS 3001 Internship & Job Search Stratg (1)	- UD	1
BUS 3250 Business Finance	UD	5
BUS 3541 Marketing & Society	UD	5
BUS 3614 Organizatnl Behavr for Managrs	UD	5
BUS 3620 Management Information Systems	UD	5
BUS 3700 Quant Meth for Decision Making	UD	5
BUS 3828 International Business	UD	5
BUS 4644 Operations Management	UD	5
BUS 4650 Data Analytics & Visualization	UD	5
BUS 4690 Strategic Management	W, UD	5
BUS 4899 Business Ethics	W, UD	5
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
SECTION CREDITS REQUIRED		83

UD ELECT:BUS&ECN(CAN TAKE EITHER ECN 3811 OR 3812, NOT BOTH)

Course	Attributes	Credits
BUS 3251 Investments (5)	UD	
BUS 3542 Marketing Research (5)	UD	

BUS 3544 Digital & Social Media Mktg (5)	UD	
BUS 3548 International Marketing (5)	UD	
BUS 3600 Gender and Leadership (5)	UD	
BUS 3657 Human Resource Management (5)	UD	
BUS 3670 Management Non-Profit Sector (5)	UD	
BUS 3680 Social Enterprise (3)	UD	
BUS 3682 Social Venture Planning (2)	UD	
BUS 3690 Inclusive Financial Services (5)	UD	
BUS 3950 Spirituality and Business (1-5)	UD	
BUS 4274 Problems in Corporate Finance (5)	UD	
BUS 4275 The Practice of Finance (5)	UD	
BUS 4543 Marketing Management (5)	UD	
BUS 4622 Information & Database Systems (5)	UD	15
BUS 4625 Organization's Presence on Net (5)	UD	
BUS 4631 Entrepreneurship (5)	UD	
BUS 4660 Managing Systems (5)	UD	
BUS 4661 Special Topics in Management (1-5)	UD	
ECN 3201 Intermediate Microeconomics (5)	UD	
ECN 3202 Intermediate Macroeconomics (5)	W, UD	
ECN 3231 Urban Economics (5)	UD	
ECN 3321 Money & Banking (5)	UD	
ECN 3811 Microeconomics of Development (5)	W, UD, WE, CUE	
ECN 3812 Macroeconomics of Development (5)	W, UD, WE, CUE	
ECN 4310 International Political Economy (5)	UD	
ECN 4641 History of Economic Thought I (1-5)	W, UD	
ECN 4900 Independent Study in Economics (1-5)	UD	
ECN 4945 Advanced Internship (1-5)	UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		98

ADDITIONAL REQUIREMENTS AND INFORMATION

- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement
- Signature Experience Requirement

Degree Requirements

BUSINESS ADMINISTRATION: ECONOMICS (BA)

98 Credits Minimum, Including 62 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics (5)	WKSS	10
ECN 2102 Principles of Macroeconomics (5)	WKSS	
ACCT 2361 Financial Accounting (5)	-	10
ACCT 2362 Managerial Accounting (5)	-	
BUS 2414 Legal Environment of Business	-	5
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 2910 Internship & Career Strategies (1)	-	1
GS 3001 Internship & Job Search Stratg (1)	UD	
BUS 3250 Business Finance	UD	5
BUS 3541 Marketing & Society	UD	5
BUS 3614 Organizatnl Behavr for Managrs	UD	5
BUS 3620 Management Information Systems	UD	5
BUS 3700 Quant Meth for Decision Making	UD	5
BUS 3828 International Business	UD	5
BUS 4644 Operations Management	UD	5
BUS 4650 Data Analytics & Visualization	UD	5
BUS 4690 Strategic Management	W, UD	5
BUS 4899 Business Ethics	W, UD	5
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
SECTION CREDITS REQUIRED		83

ECONOMICS CONCENTRATION

Course	Attributes	Credits
ECN 3201 Intermediate Microeconomics (5)	UD	10
ECN 3202 Intermediate Macroeconomics (5)	W, UD	

ECN 3231 Urban Economics (5)	UD	
ECN 3321 Money & Banking (5)	UD	
ECN 3500 Environmental Economics (5)	UD	
ECN 3811 Microeconomics of Development (5)	W, UD, WE, CUE	5
ECN 3812 Macroeconomics of Development (5)	W, UD, WE, CUE	
ECN 4010 Health Economics (5)	W, UD	
ECN 4310 International Political Economy (5)	UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		98

ADDITIONAL REQUIREMENTS AND INFORMATION

- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement
- Signature Experience Requirement

Degree Requirements

BUSINESS ADMINISTRATION: INFORMATION SYSTEMS (BA)

98 Credits Minimum, Including 57 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics (5)	WKSS	10
ECN 2102 Principles of Macroeconomics (5)	WKSS	
ACCT 2361 Financial Accounting (5)	-	10
ACCT 2362 Managerial Accounting (5)	-	
BUS 2414 Legal Environment of Business	-	5
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 2910 Internship & Career Strategies (1)	-	1
GS 3001 Internship & Job Search Stratg (1)	UD	
BUS 3250 Business Finance	UD	5
BUS 3541 Marketing & Society	UD	5
BUS 3614 Organizatnl Behavr for Managrs	UD	5
BUS 3620 Management Information Systems	UD	5
BUS 3700 Quant Meth for Decision Making	UD	5
BUS 3828 International Business	UD	5
BUS 4644 Operations Management	UD	5
BUS 4650 Data Analytics & Visualization	UD	5
BUS 4690 Strategic Management	W, UD	5
BUS 4899 Business Ethics	W, UD	5
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
SECTION CREDITS REQUIRED		83

INFORMATION SYSTEMS CONCENTRATION

Course	Attributes	Credits
BUS 4622 Information & Database Systems (5)	UD	
BUS 4625 Organization's Presence on Net (5)	UD	

CSC 1130 Beginning Programming (5)	WKAS	15
CSC 1230 Problem Solving & Programming (5)	WKAS	
POL 4336 Cybersecurity (5)	UD, WE	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		98

ADDITIONAL REQUIREMENTS AND INFORMATION

- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement
- Signature Experience Requirement

Degree Requirements

BUSINESS ADMINISTRATION: INTERNATIONAL BUSINESS (BA)

98 Credits Minimum, Including 47 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics (5)	WKSS	10
ECN 2102 Principles of Macroeconomics (5)	WKSS	
ACCT 2361 Financial Accounting (5)	-	10
ACCT 2362 Managerial Accounting (5)	-	
BUS 2414 Legal Environment of Business	-	5
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 2910 Internship & Career Strategies (1)	-	1
GS 3001 Internship & Job Search Stratg (1)	UD	
BUS 3250 Business Finance	UD	5
BUS 3541 Marketing & Society	UD	5
BUS 3614 Organizatnl Behavr for Managrs	UD	5
BUS 3620 Management Information Systems	UD	5
BUS 3700 Quant Meth for Decision Making	UD	5
BUS 3828 International Business	UD	5
BUS 4644 Operations Management	UD	5
BUS 4650 Data Analytics & Visualization	UD	5
BUS 4690 Strategic Management	W, UD	5
BUS 4899 Business Ethics	W, UD	5
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
SECTION CREDITS REQUIRED		83

SBGE Study Abroad Coordinator approved courses	15
MINIMUM TOTAL CREDITS REQUIRED	98

ADDITIONAL REQUIREMENTS AND INFORMATION

- Attendance at the New Major Dessert
- Completion of additional intermediate language
- Participate in an approved study abroad program
- Spreadsheet Competency Requirement
- Signature Experience Requirement

Degree Requirements

ENTREPRENEURSHIP MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

ENTREPRENEURSHIP CORE

Course	Attributes	Credits
ACCT 2361 Financial Accounting	-	5
BUS 2000 Purpose & Practice of Business	WE	5
ECN 2101 Principles of Microeconomics	WKSS	5
BUS 4631 Entrepreneurship	UD	5
BUS 4899 Business Ethics	W, UD	5
SECTION CREDITS REQUIRED		25

ENTREPRENEURSHIP ELECTIVES

Course	Attributes	Credits
BUS 3250 Business Finance (5)	UD	5
BUS 3541 Marketing & Society (5)	UD	
BUS 3614 Organizatnl Behavr for Managrs (5)	UD	
BUS 4644 Operations Management (5)	UD	
BUS 3680 Social Enterprise (3)	UD	
BUS 3682 Social Venture Planning (2)	UD	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

SECONDARY CERTIFICATION

62 Credits Minimum, Including 50 Upper Division (UD)

FOUNDATIONS QUARTER

Course	Attributes	Credits
EDU 2100 Foundatnl Issues in Education	WE	5
EDU 2300 Diversity & the Classroom	CUE	3
SECTION CREDITS REQUIRED		8

METHODS AND SKILLS COURSES

Course	Attributes	Credits
EDTC 4238 Orientation: Teacher Ed & Tech	UD	1
EDU 4530 Topics in Secondary Education	UD	2
ENG 3301 Advanced Expository Writing	W, UD, WRIT	5
- OR -		
WRI 1000 Academic Inquiry and Writing (5)	WRIA	10
WRI 1100 Disciplinary Research&Wrtg Sem (5)	WRID	
SECTION CREDITS REQUIRED		8

METHODS QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDRD 3530 Rdng & Wrtng Across Curriculum	UD	2
EDU 3106 Laboratory Experience:Secondary	UD	2
EDU 3255 Secondary General Methods I	W, UD	3
SECTION CREDITS REQUIRED		7

INTEGRATED QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDU 4250 Sec Gen Mth II: Strat Dvrs Lrn	UD	3
EDU 4945 Secondary Internship A	UD	15
SECTION CREDITS REQUIRED		18

INTERNSHIP QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDU 4899 Teacher as Person-Capstone	W, UD	2
EDU 4946 Secondary Internship B	UD	16
SECTION CREDITS REQUIRED		18

CHOOSE COURSE(S) APPROPRIATE TO ENDORSEMENT AREA:

Course	Attributes	Credits
EDU 3361 Secondary English Methods	UD	3
FCS 4510 Commncatng Family&Consumer Sci	UD	5
LIN 2100 Foundations of Language Study (5) LIN 4365 Methods Foreign Lng Tchg (5)	WKH UD	10
EDU 4364 Teachng Secondry Social Studie	UD	3
EDMA 3357 Teaching Secondary Mathematics	UD	3
EDSC 3359 Teaching Secondary Science	UD	3
SECTION CREDITS REQUIRED		3
MINIMUM TOTAL CREDITS REQUIRED		62

ADDITIONAL REQUIREMENTS AND INFORMATION

- OSPI & PESB requirements (tests, edTPA, etc.). See SOE.

Degree Requirements

BUSINESS ADMINISTRATION: SOCIAL ENTERPRISE (BA)

98 Credits Minimum, Including 62 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
ECN 2101 Principles of Microeconomics (5)	WKSS	10
ECN 2102 Principles of Macroeconomics (5)	WKSS	
ACCT 2361 Financial Accounting (5)	-	10
ACCT 2362 Managerial Accounting (5)	-	
BUS 2414 Legal Environment of Business	-	5
BUS 2700 Statistics for Business & Econ	WKQR	5
BUS 2910 Internship & Career Strategies (1)	-	1
GS 3001 Internship & Job Search Stratg (1)	UD	
BUS 3250 Business Finance	UD	5
BUS 3541 Marketing & Society	UD	5
BUS 3614 Organizatnl Behavr for Managrs	UD	5
BUS 3620 Management Information Systems	UD	5
BUS 3700 Quant Meth for Decision Making	UD	5
BUS 3828 International Business	UD	5
BUS 4644 Operations Management	UD	5
BUS 4650 Data Analytics & Visualization	UD	5
BUS 4690 Strategic Management	W, UD	5
BUS 4899 Business Ethics	W, UD	5
BUS 4942 Internship Reflectn&Prof Devlp	UD	2
SECTION CREDITS REQUIRED		83

SOCIAL ENTERPRISE CONCENTRATION

Course	Attributes	Credits
BUS 3680 Social Enterprise	UD	3
BUS 3680 Social Enterprise	UD	3

BUS 3682 <u>Social Venture Planning</u>	UD	2
SECTION CREDITS REQUIRED		5

PLUS 10 CREDITS FROM: (CAN TAKE ECN 3811 OR 3812, NOT BOTH)

Course	Attributes	Credits
BUS 3670 <u>Management Non-Profit Sector</u> (5)	UD	10
BUS 3690 <u>Inclusive Financial Services</u> (5)	UD	
ECN 3690 <u>Inclusive Financial Services</u> (5)	UD	
ECN 3811 <u>Microeconomics of Development</u> (5)	W, UD, WE, CUE	
ECN 3812 <u>Macroeconomics of Development</u> (5)	W, UD, WE, CUE	
POL 3320 <u>Pol & Econ Developmt of Nations</u> (5)	W, UD	
POL 3400 <u>International Organizations</u> (3)	UD, CUE	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		98

ADDITIONAL REQUIREMENTS AND INFORMATION

- Attendance at the New Major Dessert
- Spreadsheet Competency Requirement
- Signature Experience Requirement

WHO WE ARE

The School of Education at Seattle Pacific University offers programs for undergraduate and graduate students who are interested in teaching, counseling, or leadership careers in all fields of education. SPU-educated teachers, counselors, and administrators are in high demand throughout the Pacific Northwest and beyond. If you want to make a positive difference in the lives of children and families, and in schools, SPU can equip you to do just that.

Seattle Pacific was founded more than 120 years ago, and the University has been preparing some of the most sought-after educators in the region [for more than 90 years](#). Entrance to School of Education programs is highly competitive. Faculty members have worked to develop programs of quality, rigor, and relevance based upon current research and best practice in the field. All faculty members hold a doctorate and teach their own classes, and many have a national and international reputation in their areas of expertise. They are known for mentoring their students during and following their educational programs. These professors model lifelong learning through scholarly activities of their own, publishing frequently and presenting at professional conferences.

At the heart of Seattle Pacific's approach to the discipline of education is a focus on opportunity for all, including those who have traditionally been underserved and underrepresented in society. The School of Education values the richness that diversity brings to the learning community at SPU, and faculty and students strive to love their neighbors, seeking to help reconcile people regardless of race, ethnicity, gender, or class.

VISION STATEMENT

The vision of the Seattle Pacific University School of Education is to influence the region, the nation, and the world through the equipping of educational leaders for public and private schools.

MISSION STATEMENT

The mission of the Seattle Pacific University School of Education is to equip educators for service and leadership in schools and communities by developing their professional competence and character, to make a positive impact on learning.

FOUR COMMITMENTS

The School of Education integrates its commitments to service, leadership, character, and competence throughout all programs. Through its integration of these commitments, the School of Education's mission captures the distinctiveness of a Christian university that prepares educators who are capable and committed to have a positive impact on the learning of a diverse community of P-12 learners.

Learn more about the School's [Conceptual Framework](#) of its Four Commitments.

LEARNING OUTCOMES

The eight School of Education's Learning Outcomes are guided by [Washington state knowledge and skills requirements](#), and provide the evaluation criteria for effective teaching in Washington state. They are:

1. **Expectations:** The teacher communicates high expectations for student learning.
2. **Instruction:** The teacher uses research-based instructional practices to meet the needs of all students.
3. **Content Knowledge:** The teacher uses content area knowledge, learning standards, appropriate pedagogy, and resources to design and deliver curricula and instruction to impact student learning.
4. **Differentiation:** The teacher acquires and uses specific knowledge about students' cultural, individual

intellectual, and social development and uses that knowledge to adjust their practice by employing strategies that advance student learning.

5. **Learning Environment:** The teacher fosters and manages a safe and inclusive learning environment that takes into account: physical, emotional and intellectual well-being.
6. **Assessment:** The teacher uses multiple data elements (both formative and summative) to plan, inform and adjust instruction and evaluate student learning.
7. **Families and Community:** The teacher communicates and collaborates with students, families, and all educational stakeholders in an ethical and professional manner to promote student learning.
8. **Professional Practice:** The teacher participates collaboratively in the educational community to improve instruction, advance the knowledge and practice of teaching as a profession, and ultimately impact student learning.

Degree Requirements

PHILOSOPHY: TECHNICAL TRACK (BA)

70 Credits Minimum, Including 25 Upper Division (UD)

INTRODUCTORY COURSE

Course	Attributes	Credits
PHI 1002 Ethics and the Good Life (5)	WKH	5
PHI 1004 The Examined Life (5)	WKH	
SECTION CREDITS REQUIRED		5

HISTORY COURSES

Course	Attributes	Credits
PHI 3601 Ancient Philosophy	W, UD	5
PHI 3602 Medieval Philosophy	W, UD	3
PHI 3633 Early Modern Philosophy	W, UD	5
SECTION CREDITS REQUIRED		13

SYSTEMATIC COURSES

Course	Attributes	Credits
PHI 1001 Logic and Critical Thinking	WKH	5
PHI 2001 Advanced Logic	-	5
PHI 3651 Contemporary Ethical Theory	W, UD	5
PHI 4652 Contemporary Metaphysics	W, UD	5
PHI 3999 Mind & Immortality (3)	W, UD	3
PHI 4653 Contemporary Epistemology (3)	UD	
SECTION CREDITS REQUIRED		23

CAPSTONE

Course	Attributes	Credits
PHI 4897 Philosophy of Religion	UD	5
SECTION CREDITS REQUIRED		5

PHILOSOPHY ELECTIVES

Course	Attributes	Credits
PHI 2222 Social Ethics (5)	WE	
PHI 2500 Science, Technology & Society (3)	-	
PHI 2999 Ethics and the Arts (3)	WE	
PHI 3606 Continental Philosophy (5)	W, UD	5
PHI 3700 Philosophy of Language (3)	UD	
PHI 3770 Political Philosophy (3)	W, UD	
UCOR 3000 Faith, Philosophy, and Science (5)	UD	
SECTION CREDITS REQUIRED		5

TECHNICAL COURSES

Course	Attributes	Credits
CSC 1230 Problem Solving & Programming	WKAS	5
CSC 2430 Data Structures I	-	5
CSC 3011 Living in a Digital World	W, UD, WE	3
CSC 3220 Applications Programming	UD	3
CSC 3221 Netcentric Computing	UD	3
SECTION CREDITS REQUIRED		19
MINIMUM TOTAL CREDITS REQUIRED		70

Degree Requirements

BUSINESS ADMINISTRATION MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

BUSINESS MINOR CORE

Course	Attributes	Credits
ACCT 2361 Financial Accounting	-	5
BUS 2000 Purpose & Practice of Business	WE	5
BUS 4899 Business Ethics	W, UD	5
ECN 2101 Principles of Microeconomics (5)	WKSS	5
ECN 2102 Principles of Macroeconomics (5)	WKSS	
SECTION CREDITS REQUIRED		20

ELECTIVES

Course	Attributes	Credits
BUS 3250 Business Finance (5)	UD	10
BUS 3541 Marketing & Society (5)	UD	
BUS 3614 Organizational Behavior for Managers (5)	UD	
BUS 3620 Management Information Systems (5)	UD	
BUS 3828 International Business (5)	UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		30

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Read the entire [conceptual framework](#).

LEARNING OUTCOMES

The eight School of Education's Learning Outcomes are guided by [Washington state knowledge and skills](#) requirements and provide the evaluation criteria for effective teaching in Washington state. They are:

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6. **Assessment:** The teacher uses multiple data elements (both formative and summative) to plan, inform, and adjust instruction and evaluate student learning.
7. **Families and Community:** The teacher communicates and collaborates with students, families, and all educational stakeholders in an ethical and professional manner to promote student learning.
8. **Professional Practice:** The teacher participates collaboratively in the educational community to improve instruction, advance the knowledge and practice of teaching as a profession, and ultimately impact student learning.

Degree Requirements

SPECIAL EDUCATION: CERT REQUIREMENTS: ELEMENTARY (BA)

111 Credits Minimum, Including 77 Upper Division (UD)

REQUIREMENTS FOR SPECIAL EDUCATION MAJOR

Course	Attributes	Credits
EDSP 3107 Exceptionality in the Classrm	UD	3
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 2470 Lifespan Developmental Psych	-	5
EDRD 2000 Reading I:Psychology of Readng	-	3
EDSP 4642 Individual Education Programs	W, UD	3
EDSP 4646 Severe Disabilities	UD	3
EDSP 4648 Tching Studnts w Emot&Behv Dis	UD	3
EDSP 4651 Special Education Assessment	UD	3
EDSP 4652 Disabilities of Learn&Attentio	W, UD	3
EDSP 4653 Teach Rdng to Exceptnl Student	W, UD	3
EDSP 4657 Behavior Management	UD	3
EDSP 4899 Issues in Special Ed -Capstone	W, UD	3
SECTION CREDITS REQUIRED		40

FOUNDATIONS QUARTER

Course	Attributes	Credits
EDU 2100 Foundatnl Issues in Education (5)	WE	8
EDU 2300 Diversity & the Classroom (3)	CUE	
SECTION CREDITS REQUIRED		8

METHODS AND SKILLS COURSES

Course	Attributes	Credits
MAT 1560 Numerical Reasoning (4)	-	12
MAT 2561 Statistical & Algebraic Reasng (4)	WKQR	
MAT 3562 Geometric Reasoning (4)	UD	

EDTC 4238 Orientation: Teacher Ed & Tech	UD	1
ENG 3301 Advanced Expository Writing	W, UD, WRIT	5
- OR -		
WRI 1000 Academic Inquiry and Writing (5)	WRIA	10
WRI 1100 Disciplinary Research&Wrtg Sem (5)	WRID	
SECTION CREDITS REQUIRED		18

METHODS QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDMA 3000 Math Methods I:Teachg K-8 Math	UD	2
EDRD 3200 Readng II:Rdg & Lang Arts Meth	UD	2
EDU 3105 Laboratory Experience:Elemntry	UD	2
EDU 3205 Elementary General Methods I	W, UD	3
SECTION CREDITS REQUIRED		9

INTEGRATED QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDU 4200 Elem Gen Mth II:Strat Dvrs Lrn	UD	2
EDMA 4000 Math Methods II:Tchnng K-8 Math	W, UD	2
EDSP 4943 Elmntry Spcl Ed Intrnship A	UD	12
EDRD 4200 Rdg III:Intrvnt Struggling Rdrs	UD	2
SECTION CREDITS REQUIRED		18

INTERNSHIP QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDU 4899 Teacher as Person-Capstone	W, UD	2
EDSP 4944 Elementary Spec Ed Internship B	UD	16
SECTION CREDITS REQUIRED		18
MINIMUM TOTAL CREDITS REQUIRED		111

ADDITIONAL REQUIREMENTS AND INFORMATION

- Second endorsement required. See SOE.
- OSPI & PESB requirements (tests, edTPA, etc.). See SOE.

Degree Requirements

SPECIAL EDUCATION: CERT REQUIREMENTS: SECONDARY (BA)

111 Credits Minimum, Including 77 Upper Division (UD)

REQUIREMENTS FOR SPECIAL EDUCATION MAJOR

Course	Attributes	Credits
EDSP 3107 Exceptionality in the Classrm	UD	3
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 2470 Lifespan Developmental Psych	-	5
EDRD 2000 Reading I:Psychology of Readng	-	3
EDSP 4642 Individual Education Programs	W, UD	3
EDSP 4646 Severe Disabilities	UD	3
EDSP 4648 Tching Studnts w Emot&Behv Dis	UD	3
EDSP 4651 Special Education Assessment	UD	3
EDSP 4652 Disabilities of Learn&Attentio	W, UD	3
EDSP 4653 Teach Rdng to Exceptnl Student	W, UD	3
EDSP 4657 Behavior Management	UD	3
EDSP 4899 Issues in Special Ed -Capstone	W, UD	3
SECTION CREDITS REQUIRED		40

FOUNDATIONS QUARTER

Course	Attributes	Credits
EDU 2100 Foundatnl Issues in Education	WE	5
EDU 2300 Diversity & the Classroom	CUE	3
SECTION CREDITS REQUIRED		8

METHODS AND SKILLS COURSES

Course	Attributes	Credits
MAT 1560 Numerical Reasoning	-	4
MAT 2561 Statistical & Algebraic Reasng	WKQR	4

MAT 3562 Geometric Reasoning	UD	4
EDTC 4238 Orientation: Teacher Ed & Tech	UD	1
ENG 3301 Advanced Expository Writing	W, UD, WRIT	5
- OR -		
WRI 1000 Academic Inquiry and Writing (5)	WRIA	10
WRI 1100 Disciplinary Research&Wrtg Sem (5)	WRID	
SECTION CREDITS REQUIRED		18

METHODS QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDRD 3530 Rdng & Wrtng Across Curriculum	UD	2
EDU 3106 Laboratory Experience:Secondary	UD	2
EDU 3255 Secondary General Methods I	W, UD	3
EDU 4530 Topics in Secondary Education	UD	2
SECTION CREDITS REQUIRED		9

INTEGRATED QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDU 4250 Sec Gen Mth II: Strat Dvrs Lrn	UD	3
EDSP 4948 Secondary Spec Ed Intrnship A	UD	15
SECTION CREDITS REQUIRED		18

INTERNSHIP QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDU 4899 Teacher as Person-Capstone	W, UD	2
EDSP 4949 Secondary Spec Edu Internshp B	UD	16
SECTION CREDITS REQUIRED		18
MINIMUM TOTAL CREDITS REQUIRED		111

ADDITIONAL REQUIREMENTS AND INFORMATION

- Second endorsement required. See SOE.
- OSPI & PESB requirements (tests, edTPA, etc.). See SOE.

Degree Requirements

INTEGRATED STUDIES: LANGUAGE ARTS CONCENTRATION (BA)

89 Credits Minimum, Including 39 Upper Division (UD)

LANGUAGE ARTS CORE

Course	Attributes	Credits
LIN 2100 Foundations of Language Study	WKH	5
EDRD 3516 Children's Literature	UD	3
SECTION CREDITS REQUIRED		8

MATHEMATICS CORE

Course	Attributes	Credits
MAT 1560 Numerical Reasoning	-	4
MAT 2561 Statistical & Algebraic Reasng	WKQR	4
MAT 3562 Geometric Reasoning	UD	4
SECTION CREDITS REQUIRED		12

THE ARTS CORE

Course	Attributes	Credits
ART 3546 Art Education	WKA, UD	3
MUS 3501 Elementary Music Education	WKA, UD	3
TRE 3800 Theatre Education	WKA, UD	3
SECTION CREDITS REQUIRED		9

HEALTH & FITNESS CORE

Course	Attributes	Credits
HHP 3510 Teaching Physical Education	UD	5
SECTION CREDITS REQUIRED		5

NATURAL SCIENCES CORE

Course	Attributes	Credits
BIO 2571 Introduction to Biology	WKFS	5

PHY 2567 Devlp Concppts Physcl Science I	WKAS	3
PHY 2568 Devlp Concpct Physcl Science II	WKAS	4
SECTION CREDITS REQUIRED		12

SOCIAL SCIENCES CORE

Course	Attributes	Credits
POL 1120 American Government & Politics	WKSS	5
HIS 2502 The United States to 1876 (5)	WKSS	5
HIS 2503 The United States Since 1876 (5)	WKSS	
SECTION CREDITS REQUIRED		10

LANGUAGE ARTS CONCENTRATION REQUIREMENTS

Course	Attributes	Credits
ENG 2248 International Fiction	WKH, CUE	5
ENG 2253 Amer Lit:Beginnings to 1900	-	5
ENG 3180 Advanced Grammar	UD	3
ENG 3334 US Multi-Ethnic Literature	UD, WKH, CUE	5
ENG 3301 Advanced Expository Writing	W, UD, WRIT	5
EDRD 3517 Young Adult Literature	UD	3
SECTION CREDITS REQUIRED		26

EDU OR LANGUAGE ARTS CAPSTONE REQUIREMENT

Course	Attributes	Credits
EDU 4899 Teacher as Person-Capstone (2)	W, UD	2
ENG 4899 Senior Capstone in English (5)	W, UD	
SECTION CREDITS REQUIRED		2

English Elective	5
MINIMUM TOTAL CREDITS REQUIRED	89

ADDITIONAL REQUIREMENTS AND INFORMATION

- Students must demonstrate proficiency in a second language.

Degree Requirements

ELEMENTARY CERTIFICATION

64 Credits Minimum, Including 48 Upper Division (UD)

FOUNDATIONS QUARTER

Course	Attributes	Credits
EDU 2100 Foundatnl Issues in Education	WE	5
EDU 2300 Diversity & the Classroom	CUE	3
SECTION CREDITS REQUIRED		8

METHODS AND SKILLS COURSES

Course	Attributes	Credits
EDRD 2000 Reading I:Psychology of Readng	-	3
EDTC 4238 Orientation: Teacher Ed & Tech	UD	1
ENG 3301 Advanced Expository Writing	W, UD, WRIT	5
- OR -		
WRI 1000 Academic Inquiry and Writing (5)	WRIA	10
WRI 1100 Disciplinary Research&Wrtg Sem (5)	WRID	
SECTION CREDITS REQUIRED		9

METHODS QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDMA 3000 Math Methods I:Teachg K-8 Math	UD	2
EDRD 3200 Readng II:Rdg & Lang Arts Meth	UD	2
EDU 3105 Laboratory Experience:Elemntry	UD	2
EDU 3205 Elementary General Methods I	W, UD	3
EDU 4400 Social Studies Methods	UD	2
SECTION CREDITS REQUIRED		11

INTEGRATED QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDU 4200 Elem Gen Mth II:Strat Dvrs Lrn	UD	2

EDRD 4200 Rdg. III: Intrvnt. Struggling Rdrs	UD	2
EDMA 4000 Math Methods II: Tchng K-8 Math	W, UD	2
EDSC 4250 Science Methods	UD	3
EDU 4941 Elementary School Internship A	UD	9
SECTION CREDITS REQUIRED		18

INTERNSHIP QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDU 4899 Teacher as Person-Capstone	W, UD	2
EDU 4942 Elementary School Internship B	UD	16
SECTION CREDITS REQUIRED		18
MINIMUM TOTAL CREDITS REQUIRED		64

ADDITIONAL REQUIREMENTS AND INFORMATION

- OSPI & PESB requirements (tests, edTPA, etc.). See SOE.

Degree Requirements

SPECIAL EDUCATION: SPECIAL EDUCATION STUDIES (BA)

50 Credits Minimum, Including 23 Upper Division (UD)

REQUIREMENTS FOR SPECIAL EDUCATION MAJOR

Course	Attributes	Credits
EDSP 3107 Exceptionality in the Classrm	UD	3
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 2470 Lifespan Developmental Psych	-	5
EDRD 2000 Reading I:Psychology of Readng	-	3
EDSP 4642 Individual Education Programs	W, UD	3
EDSP 4646 Severe Disabilities	UD	3
EDSP 4648 Tching Studnts w Emot&Behv Dis	UD	3
EDSP 4651 Special Education Assessment	UD	3
EDSP 4652 Disabilities of Learn&Attentio	W, UD	3
EDSP 4653 Teach Rdng to Exceptnl Student	W, UD	3
EDSP 4657 Behavior Management	UD	3
EDSP 4899 Issues in Special Ed -Capstone	W, UD	3
SECTION CREDITS REQUIRED		40

PRACTICUM

Course	Attributes	Credits
EDU 4930 Education Practicum	UD	10
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		50

Degree Requirements

INTEGRATED STUDIES: HEALTH & FITNESS CONCENTRATION (BA)

91 Credits Minimum, Including 40 Upper Division (UD)

LANGUAGE ARTS CORE

Course	Attributes	Credits
LIN 2100 Foundations of Language Study (5)	WKH	5
COM 1101 Intro to Interpersonal Commun (5)	WKH	
COM 1321 Public Speaking (5)	WKH	
EDRD 3516 Children's Literature (3)	UD	3
EDRD 3517 Young Adult Literature (3)	UD	
SECTION CREDITS REQUIRED		8

MATHEMATICS CORE

Course	Attributes	Credits
MAT 1560 Numerical Reasoning	-	4
MAT 2561 Statistical & Algebraic Reasng	WKQR	4
MAT 3562 Geometric Reasoning	UD	4
SECTION CREDITS REQUIRED		12

THE ARTS CORE

Course	Attributes	Credits
ART 3546 Art Education	WKA, UD	3
MUS 3501 Elementary Music Education	WKA, UD	3
TRE 3800 Theatre Education	WKA, UD	3
SECTION CREDITS REQUIRED		9

HEALTH & FITNESS CORE

Course	Attributes	Credits
HHP 3510 Teaching Physical Education	UD	5
SECTION CREDITS REQUIRED		5

NATURAL SCIENCES CORE

Course	Attributes	Credits
BIO 2571 Introduction to Biology	WKFS	5
PHY 2567 Devlp Concepts Physicl Science I	WKAS	3
PHY 2568 Devlp Concpt Physicl Science II	WKAS	4
SECTION CREDITS REQUIRED		12

SOCIAL SCIENCES CORE

Course	Attributes	Credits
POL 1120 American Government & Politics	WKSS	5
HIS 2502 The United States to 1876 (5)	WKSS	5
HIS 2503 The United States Since 1876 (5)	WKSS	
SECTION CREDITS REQUIRED		10

HEALTH & FITNESS CONCENTRATION REQUIREMENTS

Course	Attributes	Credits
FCS 2385 Food & the Consumer	WE	5
HHP 1301 Wellness and Physical Activity	-	3
HHP 2195 Philosophy&Resrch in Hlth/Phys	W	5
HHP 3545 Programs for Special Populatns	UD	3
HHP 3555 Methods of Teaching Health	UD	5
HHP 3560 Psy Aspects of Health/Phys Act	W, UD	5
SECTION CREDITS REQUIRED		26

EDU OR HEALTH & FITNESS CAPSTONE REQUIREMENT

Course	Attributes	Credits
EDU 4899 Teacher as Person-Capstone (2)	W, UD	2
HHP 4899 Contemptry Iss Health&Phys Actv (1-2)	W, UD	
SECTION CREDITS REQUIRED		2

HEALTH & FITNESS RESTRICTED ELECTIVES

Course	Attributes	Credits
FCS 3321 Nutrition through Life Cycle (3)	UD	8
FCS 4460 Work and Family (5)	UD	
HHP 4555 Community Health Promotion (3)	UD	
HSC 3035 Human Sexuality (3)	UD, WE	
PSY 1180 Gen Psych:Individual in Growth (5)	WKSS	

SECTION CREDITS REQUIRED	8
MINIMUM TOTAL CREDITS REQUIRED	91

Degree Requirements

SPECIAL EDUCATION: EDUCATIONAL MINISTRY EMPHASIS (BA)

52 Credits Minimum, Including 37 Upper Division (UD)

SPECIAL EDUCATION COURSES

Course	Attributes	Credits
EDSP 3107 Exceptionality in the Classrm	UD	3
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 2470 Lifespan Developmental Psych	-	5
EDSP 4642 Individual Education Programs	W, UD	3
EDSP 4646 Severe Disabilities	UD	3
EDSP 4648 Tching Studnts w Emot&Behv Dis	UD	3
EDSP 4652 Disabilities of Learn&Attentio	W, UD	3
EDSP 4657 Behavior Management	UD	3
EDSP 4899 Issues in Special Ed -Capstone	W, UD	3
EDU 4930 Education Practicum	UD	6
SECTION CREDITS REQUIRED		37

EDUCATIONAL MINISTRY COURSES

Course	Attributes	Credits
THEO 3730 Foundations of Youth Ministry (3)	UD	
THEO 4731 Child Devlpmnt & Educ Minstry (3)	UD	3
THEO 4733 Adult Devlp & Eductnl Ministry (3)	UD	
THEO 2710 Foundations for Educ Ministry	-	5
THEO 4720 Leadership in Ministry	W, UD, WE	5
THEO 4940 Internship	UD	2
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		52

Degree Requirements

INTEGRATED STUDIES: SOCIAL SCIENCES CONCENTRATION (BA)

86 Credits Minimum, Including 41 Upper Division (UD)

LANGUAGE ARTS CORE

Course	Attributes	Credits
LIN 2100 Foundations of Language Study (5)	WKH	5
COM 1101 Intro to Interpersonal Commun (5)	WKH	
COM 1321 Public Speaking (5)	WKH	
EDRD 3516 Children's Literature (3)	UD	3
EDRD 3517 Young Adult Literature (3)	UD	
SECTION CREDITS REQUIRED		8

MATHEMATICS CORE

Course	Attributes	Credits
MAT 1560 Numerical Reasoning	-	4
MAT 2561 Statistical & Algebraic Reasng	WKQR	4
MAT 3562 Geometric Reasoning	UD	4
SECTION CREDITS REQUIRED		12

THE ARTS CORE

Course	Attributes	Credits
ART 3546 Art Education	WKA, UD	3
MUS 3501 Elementary Music Education	WKA, UD	3
TRE 3800 Theatre Education	WKA, UD	3
SECTION CREDITS REQUIRED		9

HEALTH & FITNESS CORE

Course	Attributes	Credits
HHP 3510 Teaching Physical Education	UD	5
SECTION CREDITS REQUIRED		5

NATURAL SCIENCES CORE

Course	Attributes	Credits
BIO 2571 Introduction to Biology	WKFS	5
PHY 2567 Devlp Concepts Physcl Science I	WKAS	3
PHY 2568 Devlp Concpt Physcl Science II	WKAS	4
SECTION CREDITS REQUIRED		12

SOCIAL SCIENCES CORE

Course	Attributes	Credits
POL 1120 American Government & Politics	WKSS	5
HIS 2502 The United States to 1876 (5)	WKSS	5
HIS 2503 The United States Since 1876 (5)	WKSS	
SECTION CREDITS REQUIRED		10

SOCIAL SCIENCES CONCENTRATION (INCL. 5-CR APPROVED LD-CR)

Course	Attributes	Credits
ANT 2250 Cultural Anthropology (5)	WKSS, CUE	5
SOC 1110 Introduction to Sociology (5)	WKSS	
HIS 3600 History of Pacific Northwest (5)	UD, WE	5
HIS 4600 Pacific Northwest Sen Tutorial (5)	UD	
SECTION CREDITS REQUIRED		15

EDU OR SOCIAL SCIENCES CAPSTONE REQUIREMENT

Course	Attributes	Credits
EDU 4899 Teacher as Person-Capstone (2)	W, UD	2
HIS 4899 History Capstone (3)	W, UD	
POL 4899 Political Science Capstone (3)	W, UD	
SECTION CREDITS REQUIRED		2

UD Electives (at least 3 creds each: HIS; POL/GEO; SOC/ANT)	13
MINIMUM TOTAL CREDITS REQUIRED	86

Integrated Studies

PROGRAMS OFFERED

- Integrated Studies: Health & Fitness Concentration (major)
- Integrated Studies: Language Arts Concentration (major)
- Integrated Studies: Mathematics Concentration (major)
- Integrated Studies: Natural Sciences Concentration (major)
- Integrated Studies: Social Sciences Concentration (major)
- Integrated Studies: The Arts Concentration (major)

If you intend to complete [Residency Teacher Certification](#) with an endorsement in Elementary Education, you are required to major in Integrated Studies. Coursework for the major along with the Residency Teacher Certification program may be completed in four years.

It also is possible to complete a major in Integrated Studies without the residency teacher certification coursework. Such students will not be required to complete the Foundations Quarter, Methods Quarter, Integrated Quarter, and Internship quarter required for certification. Instead they must complete one or more concentration-specific capstone courses rather than the Education Capstone course.

Find out more about this program's [mission, vision, and outcomes](#).

INTEGRATED STUDIES (BA)

VIEW DEGREE REQUIREMENTS

- [Integrated Studies: Health & Fitness Concentration \(BA\)](#)
- [Integrated Studies: Language Arts Concentration \(BA\)](#)
- [Integrated Studies: Mathematics Concentration \(BA\)](#)
- [Integrated Studies: Natural Sciences Concentration \(BA\)](#)
- [Integrated Studies: Social Sciences Concentration \(BA\)](#)
- [Integrated Studies: The Arts Concentration \(BA\)](#)

The Integrated Studies major is a comprehensive interdisciplinary program designed for students who want to pursue a career as an elementary school teacher.

- **A minimum 86-91 credits are required for this major**, including 36-41 upper-division credits.
- **This is the required major for you if you intend to complete the Residency Teacher Certification** with an endorsement in Elementary Education as an SPU undergraduate.
- **If you do plan to complete Residency Teacher Certification**, plan to maintain a cumulative GPA of 2.8 so you can apply for admittance to the School of Education.
- **Coursework for the major** along with the [Residency Teacher Certification](#) program may be completed in four years.
- **This major allows you to develop depth of knowledge** in the content areas in which you will teach: language arts, mathematics, natural sciences, social sciences, the arts, and health/fitness.

CORE COURSES

The Core Courses were selected to enable you to develop both breadth of content knowledge across the subject areas you will teach (e.g., language arts, mathematics, natural sciences, social sciences, the arts, and health/fitness), and some depth of content knowledge in those areas. These courses simultaneously fulfill your [Ways of Knowing requirements](#).

A number of these courses were specifically designed for future elementary teachers, including inquiry-based mathematics; inquiry-based science; children's literature; the arts, music, theatre; and health/fitness education of children.

The courses are aligned with the six content areas of Washington state's Endorsement Competencies for Elementary Education K–8 and will prepare you to take the state-mandated WEST-B® and WEST-E™ content skills tests. Further [information about the tests](#) can be found on the School of Education website.

CONCENTRATION IN A DISCIPLINE

You will select a discipline as an area of concentration early in your program. You take 24–35 additional credits of coursework in this discipline with the goal of acquiring greater depth of knowledge in one of the Core content areas.

When you are admitted into the major, you should work with your advisor for your selected concentration.

The six concentration areas, and their faculty contacts, include:

- **The Arts Concentration**, [Andrew Ryder](#), PhD, advisor
- **Health and Fitness Concentration**, [Jarrett Mentink](#), PhD, advisor
- **Language Arts Concentration**, [April Middeljans](#), PhD, advisor (If you choose this concentration, you must fulfill the requirement for proficiency in a second language.)
- **Mathematics Concentration**, [Jerilynn Lepak](#), PhD, advisor
- **Natural Sciences Concentration**, [Kara Gray](#), PhD, advisor
- **Social Sciences Concentration**, [Alberto Ferreiro](#), PhD, advisor

Advising

It is extremely important for you to work closely with an advisor as you make decisions regarding your course selections for the Core courses, the Concentration, and the Residency Teacher Certification, and the University's [graduation requirements](#).

As an incoming freshman, you are assigned a University Colloquium advisor and an Integrated Studies faculty advisor. You will work with your Integrated Studies faculty advisor to select appropriate courses.

If you plan to participate in a [study abroad program](#), you will need to work closely with your faculty advisor to determine the most appropriate quarter for such travel. This planning should be done during your freshman year, if possible.

Transfer students

Work closely with your Integrated Studies faculty advisor to determine whether or not you have completed transfer courses that may substitute in the Core courses and in the Concentration.

ENTERING AND COMPLETING THE MAJOR

In order to earn a degree, you must complete at least one academic major. SPU encourages students to explore various academic paths, so if you change your mind about a major or minor, or want to include an additional program, you are able to do so, as outlined below.

Note that the University encourages you to enter your chosen major(s) and minor(s) by the start of your junior year. Students who transfer as juniors and seniors should enter a major within their first two quarters at SPU.

- **If this is your first quarter at SPU** and you identified a major in this department as your first choice on your application for admission to the University, you have gained entry to the major. To change or add a major or minor, [follow these instructions](#).
- **If you are an SPU student with an SPU cumulative GPA of 2.0 or better**, [follow these instructions](#) to enter a major or minor in this department.
- **Students on academic probation (with an SPU cumulative GPA below 2.0)** will not be permitted to enter a new major or minor until they regain good academic standing.
- **The University requires a grade of C- or better** in all classes that apply to a major or minor; however, programs may require higher minimum grades in specific courses. You may repeat an SPU course only once for a higher grade.
- **To advance in this program**, meet with your faculty advisor regularly to discuss your grades, course progression, and other indicators of satisfactory academic progress. If your grades or other factors indicate that you may not be able to successfully complete the major or minor, your faculty advisor can work with you to explore options, which may include choosing a different major or minor.
- **You must complete the major or minor requirements** that are in effect in the SPU Undergraduate Catalog for the year you enter the major or minor.

Degree Requirements

P-12 MUSIC CERTIFICATION REQUIREMENTS

68 Credits Minimum, Including 58 Upper Division (UD)

FOUNDATIONS QUARTER

Course	Attributes	Credits
MUS 2550 Foundations of Music Education	-	3
SECTION CREDITS REQUIRED		3

METHODS AND SKILLS COURSES

Course	Attributes	Credits
MUS 2570 Basic Music Technology	-	2
MUS 3502 Making Music w Diverse Learner	UD	3
MUS 3503 Teach Gen Mus in Elem School	UD	3
MUS 3504 Choral Mus Methods & Matrials	UD	3
MUS 3505 Instrmntl Mus Meths & Matrials	UD	3
MUS 4234 Music of the Spice Route (3) MUS 4235 Music of the Pacific Rim (3)	W, UD, CUE W, UD, CUE	3
EDU 4530 Topics in Secondary Education	UD	2
ENG 3301 Advanced Expository Writing	W, UD, WRIT	5
- OR -		
WRI 1000 Academic Inquiry and Writing (5) WRI 1100 Disciplinary Research&Wrtg Sem (5)	WRIA WRID	10
SECTION CREDITS REQUIRED		24

METHODS QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDU 3255 Secondary General Methods I (3) EDU 3205 Elementary General Methods I (3)	W, UD W, UD	3
EDU 3107 Laboratory Experience: K-12	UD	2
SECTION CREDITS REQUIRED		5

INTEGRATED QUARTER

INTEGRATED QUARTER

Course	Attributes	Credits
EDU 4943 Elementary Internship:Music	UD	18
SECTION CREDITS REQUIRED		18

INTERNSHIP QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDU 4899 Teacher as Person-Capstone	W, UD	2
EDU 4945 Secondary Internship A	UD	16
SECTION CREDITS REQUIRED		18
MINIMUM TOTAL CREDITS REQUIRED		68

ADDITIONAL REQUIREMENTS AND INFORMATION

- OSPI & PESB requirements (tests, edTPA, etc.). See SOE.

Degree Requirements

P-12 HEALTH/FITNESS CERTIFICATION REQUIREMENTS

62 Credits Minimum, Including 49 Upper Division (UD)

FOUNDATIONS QUARTER

Course	Attributes	Credits
EDU 2100 Foundatnl Issues in Education	WE	5
EDU 2300 Diversity & the Classroom	CUE	3
SECTION CREDITS REQUIRED		8

METHODS AND SKILLS COURSES

Course	Attributes	Credits
EDTC 4238 Orientation: Teacher Ed & Tech	UD	1
EDU 4530 Topics in Secondary Education	UD	2
HHP 3510 Teaching Physical Education	UD	5
ENG 3301 Advanced Expository Writing	W, UD, WRIT	5
- OR -		
WRI 1000 Academic Inquiry and Writing (5)	WRIA	10
WRI 1100 Disciplinary Research&Wrtg Sem (5)	WRID	
SECTION CREDITS REQUIRED		13

METHODS QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDU 3107 Laboratory Experience: K-12	UD	2
EDU 3255 Secondary General Methods I	W, UD	3
SECTION CREDITS REQUIRED		5

INTEGRATED QUARTER

Course	Attributes	Credits
EDU 4948 Elementary Internship:PE	UD	18
SECTION CREDITS REQUIRED		18

INTERNSHIP QUARTER (MUST BE TAKEN CONCURRENTLY)

INTERMEDIATE COURSE (MUST BE TAKEN CONSECUTIVELY)

Course	Attributes	Credits
EDU 4899 Teacher as Person-Capstone	W, UD	2
EDU 4945 Secondary Internship A	UD	16
SECTION CREDITS REQUIRED		18
MINIMUM TOTAL CREDITS REQUIRED		62

ADDITIONAL REQUIREMENTS AND INFORMATION

- OSPI & PESB requirements (tests, edTPA, etc.). See SOE.

Degree Requirements

POLITICAL SCIENCE: GENERAL TRACK (BA)

69 Credits Minimum, Including 30 Upper Division (UD)

GENERAL CORE: POLITICAL SCIENCE

Course	Attributes	Credits
POL 1110 Introduction to Politics	WKSS	5
POL 1120 American Government & Politics	WKSS	5
POL 2000 Vocations in Political Science	-	1
POL 2320 Comparative Political Systems	-	5
POL 2330 International Relations	WKSS, CUE	5
POL 2642 Christianity & World Politics	WE	5
POL 4641 Theories of Poltcl Sys:Ancient (5)	W, UD	5
POL 4642 Theories of Politcl Sys:Modern (5)	W, UD	
POL 4643 Methods of Political Analysis	UD	5
POL 4899 Political Science Capstone	W, UD	3
SECTION CREDITS REQUIRED		39

THE AMERICAN SYSTEM

Course	Attributes	Credits
POL 2464 State & Local Politics (5)	-	5
POL 3430 Pres & Congress: Pol Leadrshp (5)	W, UD, WE	
POL 3670 Hist of Amer Foreign Relations (5)	W, UD, WE	
HIS 3670 Hist of Amer Foreign Relations (5)	W, UD, WE	
POL 3780 Law & Society (5)	UD, WE	
SECTION CREDITS REQUIRED		5

THEORETICAL FOUNDATIONS

Course	Attributes	Credits
POL 2900 Foundations for Leadership (5)	-	5
POL 3410 Moral Foundations of Democracy (5)	W, UD	
POL 3550 Social Darwinism and Politics (5)	W, UD, WE	
SECTION CREDITS REQUIRED		5

INTERNATIONAL POLITICS

Course	Attributes	Credits
POL 3000 African Development (5)	UD	
POL 3100 E Asian Poltcs&Ecnomc Developmt (5)	UD	
POL 3320 Pol & Econ Developmt of Nations (5)	W, UD	
POL 3330 Global Women's Issues (5)	UD, WE, CUE	
POL 3400 International Organizations (3)	UD, CUE	5
POL 3440 War, Peace & World Order (5)	UD, WE	
POL 4310 International Political Economy (5)	UD	
POL 4336 Cybersecurity (5)	UD, WE	
POL 4452 International Law (3)	UD, CUE	
SECTION CREDITS REQUIRED		5

LAW & POLICY

Course	Attributes	Credits
POL 3677 Urban Politics (5)	UD, WE	
POL 4000 Public Policy & Administration (5)	UD	5
POL 4450 Constitutional Law:Powers (5)	UD	
POL 4451 Constutional Law:Liberties (5)	UD	
SECTION CREDITS REQUIRED		5

Political Science Electives	10
MINIMUM TOTAL CREDITS REQUIRED	69

Degree Requirements

POLITICAL SCIENCE: INTERNATIONAL AFFAIRS TRACK (BA)

69 Credits Minimum, Including 30 Upper Division (UD)

GENERAL CORE: INTERNATIONAL AFFAIRS TRACK

Course	Attributes	Credits
POL 1110 Introduction to Politics	WKSS	5
POL 1120 American Government & Politics	WKSS	5
POL 2000 Vocations in Political Science	-	1
POL 2320 Comparative Political Systems	-	5
POL 2330 International Relations	WKSS, CUE	5
POL 2642 Christianity & World Politics	WE	5
POL 4641 Theories of Poltcl Sys:Ancient (5)	W, UD	5
POL 4642 Theories of Politcl Sys:Modern (5)	W, UD	
POL 4643 Methods of Political Analysis	UD	5
POL 4899 Political Science Capstone	W, UD	3
SECTION CREDITS REQUIRED		39

INTERNATIONAL POLITICS

Course	Attributes	Credits
POL 3330 Global Women's Issues (5)	UD, WE, CUE	15
POL 3345 Russia and Central Asia (5)	UD	
POL 3400 International Organizations (3)	UD, CUE	
POL 3440 War, Peace & World Order (5)	UD, WE	
POL 3670 Hist of Amer Foreign Relations (5)	W, UD, WE	
POL 4336 Cybersecurity (5)	UD, WE	
POL 4452 International Law (3)	UD, CUE	
POL 4911 Advanced Seminar : (1-5)	W, UD	
SECTION CREDITS REQUIRED		15

THE AMERICAN SYSTEM*

Course	Attributes	Credits
POL 3430 Pres & Congress: Pol Leadrshp (5)	W, UD, WE	5
POL 4450 Constitutional Law:Powers (5)	UD	

SECTION CREDITS REQUIRED	5
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INTERNATIONAL ECONOMICS

Course	Attributes	Credits
POL 3000 <u>African Development</u> (5)	UD	
POL 3050 <u>Institutns&Institutnl Analysis</u> (5)	UD	
POL 3100 <u>E Asian Poltcs&Ecnomc Developmt</u> (5)	UD	5
POL 3320 <u>Pol & Econ Developmt of Nations</u> (5)	W, UD	
POL 4310 <u>International Political Economy</u> (5)	UD	
SECTION CREDITS REQUIRED		5

Electives (Consult with Advisor)	5
MINIMUM TOTAL CREDITS REQUIRED	69

ADDITIONAL REQUIREMENTS AND INFORMATION

- *If not used for Int'l Pol above, POL 3670 may count here

Degree Requirements

P-12 VISUAL ART CERTIFICATION REQUIREMENTS

60 Credits Minimum, Including 47 Upper Division (UD)

FOUNDATIONS QUARTER

Course	Attributes	Credits
EDU 2100 Foundatnl Issues in Education	WE	5
EDU 2300 Diversity & the Classroom	CUE	3
SECTION CREDITS REQUIRED		8

METHODS AND SKILLS COURSES

Course	Attributes	Credits
EDTC 4238 Orientation: Teacher Ed & Tech	UD	1
EDU 4530 Topics in Secondary Education	UD	2
ART 3546 Art Education	WKA, UD	3
ENG 3301 Advanced Expository Writing	W, UD, WRIT	5
- OR -		
WRI 1000 Academic Inquiry and Writing (5)	WRIA	10
WRI 1100 Disciplinary Research&Wrtg Sem (5)	WRID	
SECTION CREDITS REQUIRED		11

METHODS QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDU 3107 Laboratory Experience: K-12	UD	2
EDU 3255 Secondary General Methods I	W, UD	3
SECTION CREDITS REQUIRED		5

INTEGRATED QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDU 4200 Elem Gen Mth II:Strat Dvrs Lrn	UD	2
EDU 4945 Secondary Internship A	UD	16
SECTION CREDITS REQUIRED		18

INTERNSHIP QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDU 4899 Teacher as Person-Capstone	W, UD	2
EDU 4946 Secondary Internship B	UD	16
SECTION CREDITS REQUIRED		18
MINIMUM TOTAL CREDITS REQUIRED		60

ADDITIONAL REQUIREMENTS AND INFORMATION

- OSPI & PESB requirements (tests, edTPA, etc.). See SOE.

Degree Requirements

POLITICAL SCIENCE: PUBLIC POLICY AND LAW TRACK (BA)

69 Credits Minimum, Including 30 Upper Division (UD)

GENERAL CORE: PUBLIC POLICY AND LAW TRACK

Course	Attributes	Credits
POL 1110 Introduction to Politics	WKSS	5
POL 1120 American Government & Politics	WKSS	5
POL 2000 Vocations in Political Science	-	1
POL 2320 Comparative Political Systems	-	5
POL 2330 International Relations	WKSS, CUE	5
POL 2642 Christianity & World Politics	WE	5
POL 3780 Law & Society	UD, WE	5
POL 3677 Urban Politics (5) POL 4000 Public Policy & Administration (5)	UD, WE UD	5
POL 4641 Theories of Poltcl Sys: Ancient (5) POL 4642 Theories of Politcl Sys: Modern (5)	W, UD W, UD	5
POL 4643 Methods of Political Analysis	UD	5
POL 4899 Political Science Capstone	W, UD	3
SECTION CREDITS REQUIRED		49

THEORY AND INSTITUTIONS*

Course	Attributes	Credits
GDEV 3050 Institutns&Institutnl Analysis (5)	UD	15
POL 3320 Pol & Econ Developmt of Nations (5)	W, UD	
POL 3400 International Organizations (3)	UD, CUE	
POL 3410 Moral Foundations of Democracy (5)	W, UD	
POL 3430 Pres & Congress: Pol Leadrshp (5)	W, UD, WE	
POL 3550 Social Darwinism and Politics (5)	W, UD, WE	
POL 4336 Cybersecurity (5)	UD, WE	
POL 4450 Constitutional Law:Powers (5)	UD	
POL 4451 Constitutional Law:Liberties (5)	UD	
POL 4452 International Law (3)	UD, CUE	
SECTION CREDITS REQUIRED		

Electives (Consult with Advisor)	5
MINIMUM TOTAL CREDITS REQUIRED	69

ADDITIONAL REQUIREMENTS AND INFORMATION

- *If not used in Core Area, POL 3677 or 4000 may be used here

Degree Requirements

POLITICAL SCIENCE MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

POLITICAL SCIENCE CORE REQUIREMENTS

Course	Attributes	Credits
POL 1110 Introduction to Politics	WKSS	5
SECTION CREDITS REQUIRED		5

INTERNATIONAL POLITICS

Course	Attributes	Credits
POL 2330 International Relations (5)	WKSS, CUE	5
POL 4310 International Political Economy (5)	UD	
SECTION CREDITS REQUIRED		5

THE AMERICAN SYSTEM

Course	Attributes	Credits
POL 1120 American Government & Politics (5)	WKSS	5
POL 2464 State & Local Politics (5)	-	
SECTION CREDITS REQUIRED		5

THEORETICAL FOUNDATIONS

Course	Attributes	Credits
POL 2642 Christianity & World Politics (5)	WE	5
POL 3410 Moral Foundations of Democracy (5)	W, UD	
POL 4641 Theories of Poltcl Sys:Ancient (5)	W, UD	
POL 4642 Theories of Politcl Sys:Modern (5)	W, UD	
POL 4643 Methods of Political Analysis (5)	UD	
SECTION CREDITS REQUIRED		5

Upper Division Electives (to reach 15 UD total)	10
MINIMUM TOTAL CREDITS REQUIRED	30

WHO WE ARE

Psychology is the scientific study of behavior and mind. Being a science, the Psychology program offers rigorous training in the research methods and statistical tools needed to perform scientific inquiry.

The Psychology Department offers a Bachelor of Arts and Bachelor of Science Degree, as well as a minor in Psychology.

OUR MISSION

We seek to:

- **Provide students** with solid academic and experiential grounding in the theory, research, and practice of the field of psychology.
- **Prepare and inspire** motivated and able students to enter and contribute to the field of psychology.
- **Nurture students** toward valuing themselves and others as persons of worth created in God's image.
- **Empower students** to act in this world. That is, actively celebrating God's human and non-human creation, showing mercy and compassion to the vulnerable, and challenging, and changing aspects of society that deny or denigrate persons.

LEARNING OUTCOMES

The Psychology Curriculum follows the American Psychological Guidelines for the undergraduate Psychology major. These guidelines offer five learning goals summarized below and easily remembered by the acronym: GOALS.

- **G**row in knowledge.
- **O**btain scientific inquiry and critical thinking skills.
- **A**dopt ethical and socially responsible values that are sensitive to diversity.
- **L**earn to communicate effectively.
- **S**ucceed with professional-level skills that transfer to the workplace.

These learning outcomes map onto a trajectory through the major that grounds students in the science of psychology while adopting guild recommendations that identify psychology as a workforce major in as much as it is a graduate study preparatory major.

Degree Requirements

P-12 THEATER CERTIFICATION REQUIREMENTS

60 Credits Minimum, Including 47 Upper Division (UD)

FOUNDATIONS QUARTER

Course	Attributes	Credits
EDU 2100 Foundatnl Issues in Education	WE	5
EDU 2300 Diversity & the Classroom	CUE	3
SECTION CREDITS REQUIRED		8

METHODS AND SKILLS COURSES

Course	Attributes	Credits
EDTC 4238 Orientation: Teacher Ed & Tech	UD	1
EDU 4530 Topics in Secondary Education	UD	2
EDU 4030 Educational Methods in Theatre	UD	3
ENG 3301 Advanced Expository Writing	W, UD, WRIT	5
- OR -		
WRI 1000 Academic Inquiry and Writing (5)	WRIA	10
WRI 1100 Disciplinary Research&Wrtg Sem (5)	WRID	
SECTION CREDITS REQUIRED		11

METHODS QUARTER (MUST BE TAKEN CONCURRENTLY)

Course	Attributes	Credits
EDU 3107 Laboratory Experience: K-12	UD	2
EDU 3255 Secondary General Methods I	W, UD	3
SECTION CREDITS REQUIRED		5

INTEGRATED QUARTER

Course	Attributes	Credits
EDU 4945 Secondary Internship A	UD	18
SECTION CREDITS REQUIRED		18

INTERNSHIP QUARTER (MUST BE TAKEN CONCURRENTLY)

INTERMEDIATE COURSES (MUST BE TAKEN CONSECUTIVELY)

Course	Attributes	Credits
EDU 4899 Teacher as Person-Capstone	W, UD	2
EDU 4946 Secondary Internship B	UD	16
SECTION CREDITS REQUIRED		18
MINIMUM TOTAL CREDITS REQUIRED		60

ADDITIONAL REQUIREMENTS AND INFORMATION

- OSPI & PESB requirements (tests, edTPA, etc.). See SOE.

Degree Requirements

HEALTH AND FITNESS MINOR

36 Credits Minimum, Including 15 Upper Division (UD)

REQUIREMENTS FOR THE HEALTH AND FITNESS MINOR

Course	Attributes	Credits
HHP 1301 Wellness and Physical Activity	-	3
HHP 2128 Functional Anatomy	-	3
HHP 2617 Teaching Health and Fitness (3)	-	6
HHP 2619 Tch Leisure,Altrntv Games&Sprt (3)	-	
HHP 3510 Teaching Physical Education	UD	5
HHP 3555 Methods of Teaching Health	UD	5
HHP 3560 Psy Aspects of Health/Phys Act	W, UD	5
HHP 3575 Motor Learning & Development	UD	5
SECTION CREDITS REQUIRED		32

HEALTH AND FITNESS MINOR ELECTIVES

Course	Attributes	Credits
BIO 1101 Biological Fundamentals (5)	WKFS	4
BIO 1103 Applications of Biology (5)	WKAS	
BIO 2129 Human Anatomy & Physiology (5)	WKAS	
BIO 2130 Human Anatomy & Physiology (5)	-	
HHP 2550 Responding to Emergencies (3)	-	
HHP 3590 Sport Injury Management (4)	UD	
HHP 4555 Community Health Promotion (3)	UD	
HHP 4575 Coaching and Training Seminar (4)	UD	
HHP 4595 Admin & Ldrshp:Health&Phys Act (3)	W, UD	
HHP 4930 Exercise Science Practicum (2)	UD	
HHP 4940 Internship (1-15)	UD	
SECTION CREDITS REQUIRED		4
MINIMUM TOTAL CREDITS REQUIRED		36

WHO WE ARE

As an SPU Health and Fitness Education major, you will benefit from outstanding faculty members who have years of experience working in the exercise industry. They have experience both in academic settings and experience with recreational and elite populations. They have also been coaches and trainers for individual athletes and teams.

In this major, which emphasizes information delivery and includes pedagogy, your foundational courses include “Human Anatomy and Physiology,” “Motor Learning and Development,” “Biomechanics,” “Sport Injury Management,” and “Exercise Physiology,” in addition to classes in teaching methods. Whether you plan to enter the workforce after graduation or attend graduate school, a Health and Fitness Education major provides you with a solid foundation.

Whether you plan to teach in a school, coach on a sports field, or serve in another movement-related profession, the Health and Fitness Education major gives you the knowledge base and experience necessary to educate various age groups about fitness and health.

OUR MISSION

In September 1914, Seattle Pacific added physical education to its curriculum, advising that “courses consist of classes both in theory and in practice.” The forerunner of today’s Health and Human Performance Department, these new courses established the importance Seattle Pacific placed on health and fitness education.

Today, HHP faculty are experts and active professional practitioners in their fields. This gives students access to the most up-to-date training and equipment in those disciplines. Dedicated educators, HHP faculty care about their students and — with SPU’s exceptional faculty-to-student ratio — work closely with them to help them succeed.

LEARNING OUTCOMES

Eight, key learning outcomes frame our curriculum. By studying Health and Fitness Education you will be able to:

1. **Articulate the significance** of physical activity, sport and exercise in the context of overall wellness.
2. **Engage effectively** in regular, personal leisure time physical activity.
3. **Support or initiate** public policy that encourages physical activity within diverse communities.
4. **Model interest** in physical activity as a priority in life.
5. **Articulate a view** of physical activity and wellness from the context of a Christian worldview.
6. **Gain practical** and applied experience through practicum and clinical internships.
7. **Demonstrate introspective analysis** of the critical issues facing professionals and participants in wellness, physical activity and sport through research and presentation of senior colloquium.
8. **Engage in service and leadership** on behalf of physical activity, sport, and exercise in their community and with relevant professional organizations.

Degree Requirements

EXERCISE SCIENCE (BS)

80 Credits Minimum, Including 35 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
BIO 2129 Human Anatomy & Physiology (5)	WKAS	10
BIO 2130 Human Anatomy & Physiology (5)	-	
HHP 1301 Wellness and Physical Activity	-	3
HHP 2128 Functional Anatomy	-	3
HHP 2195 Philosophy&Resrch in Hlth/Phys	W	5
HHP 3560 Psy Aspects of Health/Phys Act	W, UD	5
HHP 3570 Biomechanics	UD	5
HHP 3575 Motor Learning & Development	UD	5
HHP 3580 Exercise Physiology	UD	5
HHP 4555 Community Health Promotion	UD	3
HHP 4585 Applied Exercise Science	UD	5
HHP 4899 Contempry Iss Health&Phys Actv	W, UD	5
SECTION CREDITS REQUIRED		54

REQUIREMENTS FOR THE EXERCISE SCIENCE MAJOR

Course	Attributes	Credits
CHM 1310 Survey of General Chemistry (5)	WKFS	10
CHM 1360 Survey of Biological Chemistry (5)	-	
- OR -		
CHM 1211 General Chemistry I (5)	WKFS	10
CHM 1330 Survey of Organic Chemistry (5)	-	
FCS 3340 Human Nutrition	UD	5
FCS 4310 Sports and Exercise Nutrition	UD	3
HHP 4930 Exercise Science Practicum	UD	1
HHP 4940 Internship	UD	4

SECTION CREDITS REQUIRED	23
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EXERCISE SCIENCE ELECTIVES

Course	Attributes	Credits
HHP 2550 <u>Responding to Emergencies</u> (3)	-	
HHP 3545 <u>Programs for Special Populatns</u> (3)	UD	
HHP 3590 <u>Sport Injury Management</u> (4)	UD	3
HHP 4575 <u>Coaching and Training Seminar</u> (4)	UD	
HHP 4595 <u>Admin & Ldrshp:Health&Phys Act</u> (3)	W, UD	
SECTION CREDITS REQUIRED		3
MINIMUM TOTAL CREDITS REQUIRED		80

Degree Requirements

HEALTH AND FITNESS EDUCATION (BA)

80 Credits Minimum, Including 35 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
BIO 2129 Human Anatomy & Physiology (5)	WKAS	10
BIO 2130 Human Anatomy & Physiology (5)	-	
HHP 1301 Wellness and Physical Activity	-	3
HHP 2128 Functional Anatomy	-	3
HHP 2195 Philosophy&Resrch in Hlth/Phys	W	5
HHP 3560 Psy Aspects of Health/Phys Act	W, UD	5
HHP 3570 Biomechanics	UD	5
HHP 3575 Motor Learning & Development	UD	5
HHP 3580 Exercise Physiology	UD	5
HHP 4555 Community Health Promotion	UD	3
HHP 4585 Applied Exercise Science	UD	5
HHP 4899 Contempry Iss Health&Phys Actv	W, UD	5
SECTION CREDITS REQUIRED		54

REQUIREMENTS FOR THE HEALTH AND FITNESS EDUCATION MAJOR

Course	Attributes	Credits
HHP 2617 Teaching Health and Fitness	-	3
HHP 2619 Tch Leisure,Altrntv Games&Sprt	-	3
HHP 3555 Methods of Teaching Health	UD	5
HHP 3510 Teaching Physical Education	UD	5
HHP 3545 Programs for Special Populatns	UD	3
HHP 4595 Admin & Ldrshp:Health&Phys Act	W, UD	3
SECTION CREDITS REQUIRED		22

HEALTH AND FITNESS EDUCATION ELECTIVES

Course	Attributes	Credits
FCS 3340 Human Nutrition (5)	UD	
HHP 2550 Responding to Emergencies (3)	-	
HHP 3590 Sport Injury Management (4)	UD	
HHP 4555 Community Health Promotion (3)	UD	4
HHP 4575 Coaching and Training Seminar (4)	UD	
HHP 4595 Admin & Ldrshp:Health&Phys Act (3)	W, UD	
HHP 4930 Exercise Science Practicum (1)	UD	
HHP 4940 Internship (5)	UD	
SECTION CREDITS REQUIRED		4
MINIMUM TOTAL CREDITS REQUIRED		80

Degree Requirements

EXERCISE SCIENCE MINOR

36 Credits Minimum, Including 15 Upper Division (UD)

EXERCISE SCIENCE MINOR COURSE REQUIREMENTS

Course	Attributes	Credits
BIO 2129 Human Anatomy & Physiology (5)	WKAS	10
BIO 2130 Human Anatomy & Physiology (5)	-	
HHP 1301 Wellness and Physical Activity	-	3
HHP 2128 Functional Anatomy	-	3
HHP 3560 Psy Aspects of Health/Phys Act	W, UD	5
HHP 3570 Biomechanics	UD	5
HHP 3580 Exercise Physiology	UD	5
HHP 4585 Applied Exercise Science	UD	5
SECTION CREDITS REQUIRED		36
MINIMUM TOTAL CREDITS REQUIRED		36

WHO WE ARE

In this major, you will take foundational courses such as “Motor Learning and Development,” “Biomechanics,” “Exercise Physiology,” and “Sports and Exercise Nutrition.” You will benefit from outstanding faculty members who not only have years of experience working within academic settings, but also have significant experience in the exercise industry — working with recreational and elite populations, as well as coaching and training athletes.

As an SPU Exercise Science major, you examine the health and fitness benefits of physical activity and exercise using a science-based approach. You will study anatomy and biomechanics; exercise physiology and motor control; and, sports and exercise nutrition. Our approach combines classroom learning, laboratory work and an internship in a Seattle-area professional setting.

OUR MISSION

In September 1914, Seattle Pacific added physical education to its curriculum, advising that “courses consist of classes both in theory and in practice.” The forerunner of today’s Health and Human Performance Department, these new courses established the importance Seattle Pacific placed on health and fitness education.

Today, HHP faculty are experts and active professional practitioners in their fields. This gives students access to the most up-to-date [training and equipment](#) in those disciplines. Dedicated educators, HHP faculty care about their students and — with SPU’s exceptional faculty-to-student ratio — work closely with them to help them succeed.

LEARNING OUTCOMES

Eight, key learning outcomes frame our curriculum. By studying Health and Fitness Education students will be able to:

1. **Articulate the significance** of physical activity, sport, and exercise in the context of overall wellness.
2. **Engage effectively** in regular, personal leisure time physical activity.
3. **Support or initiate** public policy that encourages physical activity within diverse communities.
4. **Model interest** in physical activity as a priority in life.
5. **Articulate a view** of physical activity and wellness from the context of a Christian worldview.
6. **Gain practical and applied experience** through practicum and clinical internships.
7. **Demonstrate introspective analysis** of the critical issues facing professionals and participants in wellness, physical activity and sport through research and presentation of senior colloquium.
8. **Engage in service and leadership** on behalf of physical activity, sport, and exercise in their community and with relevant professional organizations.

Degree Requirements

COACHING SCIENCE MINOR

36 Credits Minimum, Including 15 Upper Division (UD)

REQUIREMENTS FOR THE COACHING SCIENCE MINOR

Course	Attributes	Credits
HHP 1301 Wellness and Physical Activity	-	3
HHP 2128 Functional Anatomy	-	3
HHP 2195 Philosophy&Resrch in Hlth/Phys	W	5
HHP 2617 Teaching Health and Fitness (3)	-	6
HHP 2619 Tch Leisure,Altrntv Games&Sprt (3)	-	
HHP 3560 Psy Aspects of Health/Phys Act	W, UD	5
HHP 3575 Motor Learning & Development	UD	5
HHP 4575 Coaching and Training Seminar	UD	4
HHP 4595 Admin & Ldrshp:Health&Phys Act	W, UD	3
HHP 4930 Exercise Science Practicum	UD	2
SECTION CREDITS REQUIRED		36
MINIMUM TOTAL CREDITS REQUIRED		36

ADDITIONAL REQUIREMENTS AND INFORMATION

- Contact Instructor for Prerequisite override approval
- Course prerequisites waived for students in minor

Degree Requirements

YOUTH MINISTRY MINOR

32 Credits Minimum, Including 15 Upper Division (UD)

YOUTH MINISTRY MINOR CORE REQUIREMENTS

Course	Attributes	Credits
THEO 2710 Foundations for Educ Ministry	-	5
THEO 3710 Human Devlp & Christian Faith	UD	5
THEO 3715 Yth Cultures & Christian Faith	UD, CUE	3
THEO 3730 Foundations of Youth Ministry	UD	3
THEO 3732 Current Issues in Youth Min	UD	3
THEO 3735 Youth Min as Mission&Evangelism	UD, WE	3
THEO 4720 Leadership in Ministry	W, UD, WE	5
THEO 4940 Internship	UD	2
SECTION CREDITS REQUIRED		29

Elective Courses	3
MINIMUM TOTAL CREDITS REQUIRED	32

Degree Requirements

GLOBAL AND URBAN MINISTRY MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
THEO 2620 Intro to Global & Urban Mnstry	CUE	5
THEO 3630 Holistic Ministry	W, UD	3
THEO 4610 World Religions	UD	3
SECTION CREDITS REQUIRED		11

SELECT ONE COURSE FROM THE FOLLOWING

Course	Attributes	Credits
THEO 3640 Cross-Cultural Ministry (3)	UD, CUE	3
THEO 3610 Living in Another Culture (3)	UD	
SECTION CREDITS REQUIRED		3

SELECT TWO COURSES FROM THE FOLLOWING

Course	Attributes	Credits
THEO 3601 Multi-Ethnic Ministry (3)	UD, CUE	6
THEO 4602 Latin American Christianity (3)	UD, CUE	
THEO 4603 Asian/African Christianity (3)	UD, CUE	
SECTION CREDITS REQUIRED		6

SELECT ONE COURSE FROM THE FOLLOWING

Course	Attributes	Credits
THEO 4940 Internship (1-15)	UD	5
THEO 4620 Interpreting the City (5)	UD	
SECTION CREDITS REQUIRED		5

One elective course that incorporates GUM and your major	5
MINIMUM TOTAL CREDITS REQUIRED	30

Degree Requirements

EDUCATIONAL MINISTRY MINOR

31 Credits Minimum, Including 21 Upper Division (UD)

EDUCATIONAL MINISTRY MINOR CORE REQUIREMENTS

Course	Attributes	Credits
THEO 2710 Foundations for Educ Ministry	-	5
THEO 2720 Designing&Leadng Bible Studies	-	5
THEO 3710 Human Devlp & Christian Faith	UD	5
THEO 4720 Leadership in Ministry	W, UD, WE	5
SECTION CREDITS REQUIRED		20

SELECT TWO FROM THE FOLLOWING AGE LEVEL COURSES

Course	Attributes	Credits
THEO 3730 Foundations of Youth Ministry (3)	UD	
THEO 4731 Child Devlpmnt & Educ Minstry (3)	UD	6
THEO 4733 Adult Devlp & Eductnl Ministry (3)	UD	
SECTION CREDITS REQUIRED		6

CHRISTIAN DOCTRINE

Course	Attributes	Credits
THEO 3401 Exploring Christian Theology (5)	UD, WE	
THEO 4401 Representative Theologies (5)	W, UD	5
THEO 4402 Wesleyan Theology (5)	W, UD	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		31

Degree Requirements

ASIAN STUDIES (BA)

54 Credits Minimum, Including 23 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
ASIA 2417 Religious Traditions of Asia (5)	WKSS, CUE	5
HIS 2417 Religious Traditions of Asia (5)	WKSS, CUE	
ASIA 2418 Modern Asian Religions (5)	WE, CUE	
HIS 2418 Modern Asian Religions (5)	WE, CUE	
HIS 3387 Christianity in Asia	W, UD	3
ASIA 3765 Traditional East Asia (5)	W, UD, WE	5
HIS 3765 Traditional East Asia (5)	W, UD, WE	
ASIA 3785 East Asian Modernities (5)	W, UD, WE	5
HIS 3785 East Asian Modernities (5)	W, UD, WE	
ASIA 4765 Topics in East Asian History (3)	W, UD	3
HIS 4765 Topics in East Asian History (3)	W, UD	
SECTION CREDITS REQUIRED		21

INTERMEDIATE ASIAN LANGUAGE*

Course	Attributes	Credits
CHN 2101 Intermedt Mandarin Chinese I	-	5
CHN 2102 Intermedt Mandarin Chinese II	-	5
CHN 2103 Intermedt Mandarin Chinese III	-	5
SECTION CREDITS REQUIRED		15

ELECTIVES: GROUP A**

Course	Attributes	Credits
ASIA 3786 Nation City&Identity in China (5)	UD, WE	10
HIS 3786 Nation City&Identity in China (5)	UD, WE	
CHN 2207 Trad Chinese Hlth Beliefs/Bhvr (3)	CUE	
CHN 4950 Special Topics (1-5)	-	
ECN 3100 E Asian Poltcs&Ecnomc Developmt (5)	UD	
GDEV 3100 E Asian Poltcs&Ecnomc Developmt (5)	UD	
POL 3100 E Asian Poltcs&Ecnomc Developmt (5)	UD	

ENG 2248 International Fiction (5)	WKH, CUE	
ENG 3384 Empires of Asia (5)	W, UD, CUE	
HIS 3345 Russia and Central Asia (5)	UD	
POL 3345 Russia and Central Asia (5)	UD	
SOC 4910 Seminar (1-5)	UD	
THEO 4603 Asian/African Christianity (3)	UD, CUE	
SECTION CREDITS REQUIRED		10

ELECTIVES: GROUP B**

Course	Attributes	Credits
CHN 4900 Ind Study:Chinese Lang&Culture (1-10)	UD	
COM 4180 Cultural Communication (5)	UD, CUE	
ECN 4010 Health Economics (5)	W, UD	
FCS 3890 Global Sourcing and Production (5)	UD, CUE	
FCS 4280 Global Work and Family (5)	UD	
HIS 1490 Life & Death in World Cities (5)	WKSS	
HIS 3440 War, Peace & World Order (5)	UD, WE	
POL 3440 War, Peace & World Order (5)	UD, WE	5
MUS 2341 Gamelan Ensemble (1)	WKA	
MUS 4235 Music of the Pacific Rim (3)	W, UD, CUE	
POL 2320 Comparative Political Systems (5)	-	
PSY 3410 Cross-Cultural Psychology (5)	UD, CUE	
SOC 2351 Livng on Margins: Global South (5)	WE	
SOC 4210 Gender in the Global Context (5)	UD, CUE	
THEO 4610 World Religions (3)	UD	
SECTION CREDITS REQUIRED		5

Engagement Experience (Internship, Sr. Proj, Study Abroad)	3
MINIMUM TOTAL CREDITS REQUIRED	54

ADDITIONAL REQUIREMENTS AND INFORMATION

- Elementary language may add 15-CR to major if needed
- *15-CR approved electives OK w/ language proficiency shown
- *Other Intermediate Asian language OK w/Advisor approval
- **Min 10-CR from Group A, Max 5-CR from Group B

Degree Requirements

ASIAN STUDIES MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

HISTORY

Course	Attributes	Credits
ASIA 3765 Traditional East Asia (5)	W, UD, WE	8
HIS 3765 Traditional East Asia (5)	W, UD, WE	
ASIA 3785 East Asian Modernities (5)	W, UD, WE	
HIS 3785 East Asian Modernities (5)	W, UD, WE	
ASIA 3786 Nation City&Identity in China (5)	UD, WE	
HIS 3786 Nation City&Identity in China (5)	UD, WE	
ASIA 4765 Topics in East Asian History (3)	W, UD	
HIS 4765 Topics in East Asian History (3)	W, UD	
SECTION CREDITS REQUIRED		8

ELEMENTARY ASIAN LANGUAGE (SEE NOTES AT BOTTOM OF PAGE)

Course	Attributes	Credits
CHN 1101 Elementary Mandarin Chinese I (5)	FORL	15
CHN 1102 Elementary Mandarin Chinese II (5)	FORL	
CHN 1103 Elementary Mandarin Chinese III (5)	FORL	
SECTION CREDITS REQUIRED		15

ELECTIVES

Course	Attributes	Credits
CHN 4900 Ind Study:Chinese Lang&Culture (1-10)	UD	5
ENG 3381 Middle Eastern Literature (5)	W, UD, CUE	
ENG 3384 Empires of Asia (5)	W, UD, CUE	
FCS 3250 Servg Chldr,Families&Commnties (5)	UD, WE, CUE	
HIS 3387 Christianity in Asia (3)	W, UD	
HIS 3345 Russia and Central Asia (5)	UD	
POL 3345 Russia and Central Asia (5)	UD	
SOC 4910 Seminar (1-5)	UD	
THEO 4603 Asian/African Christianity (3)	UD, CUE	
SECTION CREDITS REQUIRED		5

Engagement Experience(Internship, Senior Proj, Study Abroad)	2
MINIMUM TOTAL CREDITS REQUIRED	30

ADDITIONAL REQUIREMENTS AND INFORMATION

- Alternate Elementary Asian lang may sub w/advisor approval
- 15 advisor-approved electives sub for elem lang if student
- has elementary proficiency in approved Asian language

Degree Requirements

CHRISTIAN DISCIPLESHIP MINOR

31 Credits Minimum, Including 15 Upper Division (UD)

CHRISTIAN DISCIPLESHIP CORE

Course	Attributes	Credits
UFDN 2000 Christian Scripture (5)	-	5
UFDN 3001 Christian Scripture (5)	UD	
UFDN 3100 Christian Theology	UD	5
THEO 2721 Foundations of Spiritual Life	WE	3
THEO 2735 Christian Discipleship	-	3
THEO 3733 Small Group Dynamics	UD	3
SECTION CREDITS REQUIRED		19

SCRIPTURE*

Course	Attributes	Credits
THEO 3100 Community Bible Study (2)	UD	4
THEO 3110 Torah/Pentateuch: O.T. Gospel (5)	W, UD	
THEO 3210 Four Gospels and One Jesus (5)	W, UD	
SECTION CREDITS REQUIRED		4

THEOLOGICAL STUDIES*

Course	Attributes	Credits
THEO 3401 Exploring Christian Theology (5)	UD, WE	4
THEO 3500 Christ and Culture (2)	UD	
SECTION CREDITS REQUIRED		4

SPIRITUAL DISCIPLINES*

Course	Attributes	Credits
THEO 3510 Theology, Culture, and Society (5)	UD	4
THEO 3710 Human Devlp & Christian Faith (5)	UD	
THEO 3722 Christian Disciplines (2)	UD	
SECTION CREDITS REQUIRED		4
MINIMUM TOTAL CREDITS REQUIRED		31

ADDITIONAL REQUIREMENTS AND INFORMATION

- *THEO 3100 must be taken twice to fulfill Scripture category
- *THEO 3500 must be taken twice to fulfill Theological Studies
- *THEO 3722 must be taken twice to meet Spiritual Disciplines

WHO WE ARE

In the School of Theology, we embrace a threefold model of theological education that we call "Academy, Abbey, Apostolate®."

The interplay of scholarship, spiritual edification, and service — all informed by our Wesleyan heritage that joins "knowledge and vital piety" as a means of changing the world — defines a vision that distinguishes SPU among theology schools and seminaries.

OUR MISSION

The School of Theology at Seattle Pacific University aspires to embody God's diverse kingdom, equipping the people of God to be transformative agents in the world through the gospel of Jesus Christ and the power of the Holy Spirit.

LEARNING OUTCOMES

Student Learning Outcome 1

Students will demonstrate an understanding of the Christian tradition and develop skills of theological reflection.

Student Learning Outcome 2

Students will demonstrate an understanding of the Bible as Scripture and develop skills and practices of biblical interpretation that illustrate a discerning use of Scripture.

Student Learning Outcome 3

Students will demonstrate an understanding of the principles and skills that are essential to serve and lead as agents of reconciliation in diverse settings.

Student Learning Outcome 4

Students will demonstrate an understanding of the dynamics and practices of nurturing their own Christian faith and the Christian faith of others.

Degree Requirements

ECOTHEOLOGY MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

ECOTHEOLOGY CORE REQUIREMENT

Course	Attributes	Credits
THEO 3540 Creation Care	UD, WE	5
SECTION CREDITS REQUIRED		5

INTRODUCTORY ECOLOGY*

Course	Attributes	Credits
BIO 1104 Environmental Science (5)	WKAS	5
BIO 1106 Ecological Fundamentals (5)	WKFS	
BIO 2103 General Biology (5)	WKAS	
SECTION CREDITS REQUIRED		5

SCIENCE ELECTIVES**

Course	Attributes	Credits
BIO 1105 Marine Restoration Ecology (5)	WKAS, CUE	10
BIO 1121 Coral Reef Ecology (5)	WKFS, CUE	
BIO 1123 Humans and Coral Reefs (5)	WKAS, CUE	
BIO 3302 Coral Reef Ecology (5)	UD, CUE	
BIO 3303 Evolutionary Ecology Galapagos (5)	UD	
BIO 3305 Marine Restoration Ecology (5)	UD, CUE	
BIO 3310 Ecology (5)	W, UD	
BIO 4810 Marine Ecology (5)	W, UD	
BIO 4815 Aquatic Ecology (5)	UD	
BIO 4825 Forest Ecology (5)	UD	
BIO 4835 Conservation Biology (5)	UD	
BIO 4840 Chemical Ecology (5)	W, UD	
BIO 4940 Internship in Biology (1-5)	UD	
CHM 2410 Envrnmntal Chem&Sustainability (5)	WKAS, CUE	
ECN 3500 Environmental Economics (5)	UD	
FCS 3100 Sustainable Food Production (5)	UD, WE	
PHY 3011 Global Climate Change (5)	UD, WE	
SECTION CREDITS REQUIRED		10

THEOLOGY ELECTIVES

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Course	Attributes	Credits
THEO 2730 Intro:Christian Reconciliation (5)	WE, CUE	
THEO 3501 Christian Ethics (5)	UD	
SJC 3510 Theology, Culture, and Society (3)	UD	5
THEO 3510 Theology, Culture, and Society (5)	UD	
THEO 4100 Biblical Ethics (5)	W, UD	
SECTION CREDITS REQUIRED		5

SOCIAL SCIENCE & HUMANITIES ELECTIVES***

Course	Attributes	Credits
BUS 2500 Integrated Topics:BUS, ECN,POL (5)	WE	
PHI 1002 Ethics and the Good Life (5)	WKH	
PHI 2222 Social Ethics (5)	WE	
PHI 2500 Science, Technology & Society (3)	-	5
SOC 3215 Soc Inequality:Power & Prvlge (3)	UD, CUE	
SJC 1000 Introduction to Justice (5)	-	
SJC 3510 Theology, Culture, and Society (5)	UD	
SECTION CREDITS REQUIRED		5

FIELD REQUIREMENT (5 CR) MAY BE MET IN OTHER SECTIONS

Course	Attributes	Credits
BIO 1104 Environmental Science (5)	WKAS	
BIO 1105 Marine Restoration Ecology (5)	WKAS, CUE	
BIO 1121 Coral Reef Ecology (5)	WKFS, CUE	
BIO 1123 Humans and Coral Reefs (5)	WKAS, CUE	
BIO 3302 Coral Reef Ecology (5)	UD, CUE	
BIO 3303 Evolutionary Ecology Galapagos (5)	UD	0
BIO 4810 Marine Ecology (5)	W, UD	
BIO 4815 Aquatic Ecology (5)	UD	
BIO 4825 Forest Ecology (5)	UD	
BIO 4835 Conservation Biology (5)	UD	
CHM 2410 Envrnmntal Chem&Sustainability (5)	WKAS, CUE	
SECTION CREDITS REQUIRED		0
MINIMUM TOTAL CREDITS REQUIRED		30

ADDITIONAL REQUIREMENTS AND INFORMATION

- *BIO 2571 may count here with instructor approval
- **BIO 1104&1105 may count here if not used in Intro Ecology
- ***Additional Theology Elective may substitute here

Degree Requirements

RECONCILIATION STUDIES MINOR

34 Credits Minimum, Including 18 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
THEO 2730 Intro:Christian Reconciliation	WE, CUE	5
SOC 3862 Race and Ethnicity (5) THEO 3510 Theology, Culture, and Society (5)	UD, CUE UD	5
THEO 3401 Exploring Christian Theology	UD, WE	5
ANT 2250 Cultural Anthropology (5) SOC 3215 Soc Inequality:Power & Privlge (5)	WKSS, CUE UD, CUE	5
THEO 3331 Women in Christianity (5) WST 2350 Introductn to Women's Studies (5)	UD CUE	5
THEO 4730 Adv Topcs Reconciliatn Studies	UD	3
SECTION CREDITS REQUIRED		28

CONTEXTS AND CONSEQUENCES OF RECONCILIATION (3-5 CREDITS)

Course	Attributes	Credits
ART 3606 Cross-Cultural Encounters (5) EDU 2300 Diversity & the Classroom (3) ENG 3334 US Multi-Ethnic Literature (5) ENG 3381 Middle Eastern Literature (5) FCS 3875 Appearance and Culture (3) FCS 4352 Community Nutrition (3) HIS 3730 Modern Middle East (5) HIS 3750 Latin America (5) HIS 3765 Traditional East Asia (5) HSC 4700 Issues in Global Health (3) MUS 4234 Music of the Spice Route (3) MUS 4235 Music of the Pacific Rim (3) POL 3170 Geopolitics (5) POL 3440 War, Peace & World Order (5) PSY 3410 Cross-Cultural Psychology (5) SOC 2620 Urban Sociology (5)	W, UD, WE, CUE CUE UD, WKH, CUE W, UD, CUE W, UD UD UD, WE UD, CUE W, UD, WE UD W, UD, CUE W, UD, CUE UD UD, WE UD, CUE CUE	3
SECTION CREDITS REQUIRED		3

PRACTICES OF RECONCILIATION (3-5 CREDITS)

FRACILES OF RECONCILIATION (3-5 CREDITS)

Course	Attributes	Credits
COM 3160 Conflict Management (5)	UD	3
COM 4180 Cultural Communication (5)	UD, CUE	
ECN 3811 Microeconomics of Development (5)	W, UD, WE, CUE	
ECN 3812 Macroeconomics of Development (5)	W, UD, WE, CUE	
ENG 3382 South Africa (5)	UD, WE, CUE	
SJC 3382 South Africa (5)	UD, WE, CUE	
THEO 3601 Multi-Ethnic Ministry (3)	UD, CUE	
THEO 3610 Living in Another Culture (3)	UD	
THEO 3630 Holistic Ministry (3)	W, UD	
THEO 3640 Cross-Cultural Ministry (3)	UD, CUE	
SECTION CREDITS REQUIRED		3
MINIMUM TOTAL CREDITS REQUIRED		34

Degree Requirements

ANTHROPOLOGY MINOR: LINGUISTICS

30 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
ANT 2250 Cultural Anthropology	WKSS, CUE	5
ANT 3000 Intro Biological Anthropology (5) BIO 3000 Intro Biological Anthropology (5)	UD, WE, CUE UD, WE, CUE	5
LIN 2100 Foundations of Language Study	WKH	5
BIO 1101 Biological Fundamentals (5) BIO 1103 Applications of Biology (5) BIO 2103 General Biology (5) BIO 2571 Introduction to Biology (5)	WKFS WKAS WKAS WKFS	5
SECTION CREDITS REQUIRED		20

CHOOSE ONE OF THE FOLLOWING:

Course	Attributes	Credits
LIN 4145 Phonology (5) LIN 4150 Morphology (5)	W, UD UD	5
SECTION CREDITS REQUIRED		5

INDEPENDENT/DIRECTED STUDIES

Course	Attributes	Credits
LIN 4900 Independent Study (1-5) LIN 4920 Directed Readings (1-10)	UD UD	5
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

ANTHROPOLOGY MINOR: BIOLOGICAL ANTHROPOLOGY

30 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
ANT 2250 Cultural Anthropology	WKSS, CUE	5
ANT 3000 Intro Biological Anthropology (5) BIO 3000 Intro Biological Anthropology (5)	UD, WE, CUE UD, WE, CUE	5
LIN 2100 Foundations of Language Study	WKH	5
BIO 1101 Biological Fundamentals (5) BIO 1103 Applications of Biology (5) BIO 2103 General Biology (5) BIO 2571 Introduction to Biology (5)	WKFS WKAS WKAS WKFS	5
SECTION CREDITS REQUIRED		20

CHOOSE ONE OF THE FOLLOWING*:

Course	Attributes	Credits
BIO 4330 Evolutionary Mechanisms (5) HHP 3570 Biomechanics (5)	W, UD UD	5
SECTION CREDITS REQUIRED		5

INDEPENDENT/DIRECTED STUDIES

Course	Attributes	Credits
BIO 4900 Independent Study in Biology (1-5) BIO 4978 Biological Research Proposal (1) BIO 4979 Biological Research (1-4)	UD W, UD UD	5
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		30

ADDITIONAL REQUIREMENTS AND INFORMATION

- *Be aware that these courses have prerequisites

WHO WE ARE

Since 1936, SPU's School of Health Sciences has opened new doors and created exciting new career paths for students, including opportunities in clinical care, specialty practice, education, academics, and practice in diverse clinical populations.

Throughout its history, the nursing program's central theme and philosophy of promoting and supporting high quality nursing have remained constant. The program has developed over the years through many hours of fine tuning, labors of love, and constant prayer. Our strategic plan guides decisions and actions based on our agreed-upon mission, core values, philosophy, and initiatives.

Connections with clinical agencies, nursing leaders, and educational institutions continue to bring SPU's Nursing program to a position of high regard in the region. Students and graduates from SPU are recognized as having a high level of knowledge, excellent skills, and hearts of service. The rich heritage of the past bestows challenges and blessings on the school, alumni, faculty, and friends.

Challenges of the future are addressed through our continuously evolving strategic plan.

OUR MISSION

Based on our commitment to Christian values, we seek to partner with the community to develop graduates who engage the culture, change the world, and:

- **Serve all people** with the highest level of professional care.
- **Demonstrate competence** in a diverse and changing environment.
- **Act with wisdom**, character, and caring.
- **Demonstrate leadership** in all aspects of nursing.
- **Promote optimum health** of body, mind, and spirit.

Our core values are: Excellence; respect; diversity; inquiry; and caring presence.

LEARNING OUTCOMES

Five program outcomes frame the curricula and student learning outcomes in all levels of the nursing program:

Outcome Area	Definition
Critical Thinking	Demonstrate thinking that underlies independent and interdependent decision making.
Communication	Demonstrate complex, ongoing, interactive processes using a variety of methods: oral, written, nonverbal, and technology.
Assessment	Demonstrate an ability to gather information about the health status of the client and/or community, analyze the data, and make appropriate decisions.
Nursing Skills	Use technical skills required for the delivery of nursing care; demonstrate an ability to teach, delegate, and supervise.
Role Development	Demonstrate professional behaviors and an integration of faith, spiritual values, and ethics in your nursing practice.

Degree Requirements

NURSING (BS)

125 Credits Minimum, Including 80 Upper Division (UD)

PREREQUISITE COURSES

Course	Attributes	Credits
BIO 2129 Human Anatomy & Physiology	WKAS	5
BIO 2130 Human Anatomy & Physiology	-	5
BIO 3351 General Microbiology	UD	5
CHM 1310 Survey of General Chemistry	WKFS	5
CHM 1360 Survey of Biological Chemistry	-	5
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 2470 Lifespan Developmental Psych	-	5
MAT 1300 Intro to Statistical Reasoning (5) MAT 2360 Intro to Stats for Sciences (5)	WKQR WKQR	5
FCS 3340 Human Nutrition	UD	5
SECTION CREDITS REQUIRED		45

CORE REQUIREMENTS

Course	Attributes	Credits
NUR 3110 Health & Illness 1: Theory	UD	3
NUR 3111 Health & Illness 1:Practicum	UD	2
NUR 3112 Professional Nursing 1	UD	3
NUR 3113 Health Assessment	UD	2
NUR 3114 Pathophysiology	UD	3
NUR 3116 Pharmacology	UD	3
NUR 3120 Health & Illness 2: Theory	UD	5
NUR 3121 Health & Illness 2: Practicum	UD	4
NUR 3122 Professional Nursing 2	UD	3
NUR 3130 Health and Illness 3: Theory	UD	5

NUR 3131 <u>Health and Illness 3: Practicum</u>	UD	4
NUR 3132 <u>Professional Nursing 3</u>	W, UD, CUE	3
NUR 4140 <u>Health and Illness 4: Theory</u>	UD	5
NUR 4141 <u>Health and Illness 4: Practicu</u>	UD	6
NUR 4142 <u>Professional Nursing 4</u>	W, UD	3
NUR 4150 <u>Health and Illness 5: Theory</u>	UD	4
NUR 4151 <u>Health and Illness 5: Practicu</u>	UD	3
NUR 4152 <u>Professional Nursing 5</u>	W, UD	3
NUR 4153 <u>Nur Ldrshp in Commnty Engagmnt</u>	UD	2
NUR 4162 <u>NCLEX Preparation Course</u>	UD	2
NUR 4896 <u>Transtn to Practice Synthesis</u>	UD	5
NUR 4897 <u>Transitn to Practice Practicum</u>	UD	5
NUR 4950 <u>Selected Topics</u>	UD	2
SECTION CREDITS REQUIRED		80
MINIMUM TOTAL CREDITS REQUIRED		125

ADDITIONAL REQUIREMENTS AND INFORMATION

- Minimum grade of C (2.0) required in all nursing courses

Degree Requirements

DATA ANALYTICS MINOR

30 Credits Minimum, Including 25 Upper Division (UD)

DATA ANALYTICS CORE

Course	Attributes	Credits
MAT 3380 Introduction to Data Science (5)	UD	10
DAT 4500 Data and Society (5)	UD	
SECTION CREDITS REQUIRED		10

INTRODUCTORY STATISTICS*

Course	Attributes	Credits
BUS 2700 Statistics for Business & Econ (5)	WKQR	3
CRIM 2360 Intro to Stats Soc & Behav Sci (5)	WKQR	
PSY 2360 Intro to Stats Soc & Behav Sci (5)	WKQR	
SOC 2360 Intro to Stats Soc & Behav Sci (5)	WKQR	
EGR 2200 Engineering Probability&Stats (3)	-	
MAT 2200 Engineering Probability&Stats (3)	-	
MAT 2360 Intro to Stats for Sciences (5)	WKQR	
SECTION CREDITS REQUIRED		3

REGRESSION MODELING

Course	Attributes	Credits
BIO 4360 Biostatistics (5)	UD	3
BUS 3700 Quant Meth for Decision Making (5)	UD	
MAT 3333 Statistical Modeling (3)	UD	
PSY 4428 Advanced Statistical Analysis (5)	UD	
SECTION CREDITS REQUIRED		3

ELECTIVES FROM TWO DISCIPLINES (10-14 CR TO TOTAL 30 CR)**

Course	Attributes	Credits
CSC 1130 Beginning Programming (5)	WKAS	
CSC 1230 Problem Solving & Programming (5)	WKAS	
CSC 2230 Comptr Programmng for Engineers (5)	WKAS	
CSC 3011 Living in a Digital World (3)	W, UD, WE	
CSC 4410 Database Management (5)	UD	
CSC 4800 Adv Issues in Computer Science (3-5)	UD	
MAT 2401 Linear Algebra (3)	-	

MAT 2401 Linear Algebra (3)	-	10
MAT 3360 Probability & Statistics (5)	UD	
MAT 4363 Mathematical Statistics (3)	UD	
PSY 3448 Tests & Measurements in Psych (5)	UD	
PSY 3588 Psychological Research Methods (5)	W, UD	
PSY 4428 Advanced Statistical Analysis (5)	UD	
PSY 4430 Data Analytics & Storytelling (5)	UD	
SOC 3751 Intro to Research Methods (5)	W, UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		30

ADDITIONAL REQUIREMENTS AND INFORMATION

- *Introductory Statistics course to be taken before MAT 3380

Degree Requirements

PSYCHOLOGY BA: CLINICAL-COUNSELING PSYCHOLOGY TRACK

77 Credits Minimum, Including 36 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 1200 Psychology as Vocation	-	1
PSY 4899 Senior Seminar in Psychology	UD	3
PSY 4940 Internship in Psychology (3)	UD	3
PSY 4970 Independent Research (3)	UD	
SECTION CREDITS REQUIRED		12

METHODS IN PSYCHOLOGICAL RESEARCH

Course	Attributes	Credits
PSY 2360 Intro to Stats Soc & Behav Sci	WKQR	5
PSY 3588 Psychological Research Methods	W, UD	5
PSY 4100 ARM: Social Psychology (5)	W, UD	5
PSY 4101 ARM: Animal Behavior (5)	W, UD	
PSY 4102 ARM: Cognitive Psychology (5)	W, UD	
PSY 4103 ARM: Cross-Cultural Psychology (5)	W, UD	
PSY 4104 ARM:Psychology&Christian Faith (5)	W, UD	
PSY 4105 ARM: Personality & Preferences (5)	W, UD	
PSY 4106 ARM: Developmental Psychology (5)	W, UD	
PSY 4107 ARM: Clinical Psychology (5)	W, UD	
SECTION CREDITS REQUIRED		15

SOCIOCULTURAL PSYCHOLOGY

Course	Attributes	Credits
PSY 3410 Cross-Cultural Psychology	UD, CUE	5
PSY 3438 Social Psychology	UD	5
SECTION CREDITS REQUIRED		10

NATURAL SCIENCE AND BEHAVIOR

Course	Attributes	Credits
PSY 4488 Behavioral Neuroscience	UD	5
SECTION CREDITS REQUIRED		5

DEVELOPMENTAL PSYCHOLOGY

Course	Attributes	Credits
PSY 2470 Lifespan Developmental Psych (5)	-	
PSY 3460 Child Developmental Psychology (5)	UD	
PSY 3475 Adolescent Developmental Psych (5)	UD	5
PSY 3480 Adult Developmental Psychology (5)	UD	
PSY 3485 Cultural Developmental Psych (5)	UD, CUE	
SECTION CREDITS REQUIRED		5

PSYCHOLOGICAL DISORDERS

Course	Attributes	Credits
PSY 3360 Psychological Disorders	UD	5
SECTION CREDITS REQUIRED		5

LEARNING AND COGNITIVE PSYCHOLOGY

Course	Attributes	Credits
PSY 3700 Learning and Behavior	UD	5
PSY 3800 Cognitive Psychology	UD	5
SECTION CREDITS REQUIRED		10

CLINICAL-COUNSELING PSYCHOLOGY TRACK

Course	Attributes	Credits
PSY 2210 Health Psychology (5)	-	
PSY 3442 Personality&Indivl Differences (5)	UD	
PSY 3448 Tests & Measurements in Psych (5)	UD	
PSY 3465 Ethics in Practice (5)	UD	15
PSY 4110 Psychopharmacology (5)	UD	
PSY 4428 Advanced Statistical Analysis (5)	UD	
PSY 4470 Counseling Theory & Practice (5)	UD	
SECTION CREDITS REQUIRED		15

RECOMMENDED COURSE

Course	Attributes	Credits
PSY 2422 Psych Persnl Growth&Civ Devlpm	-	3
SECTION CREDITS REQUIRED		0

SECTION CREDITS REQUIRED	0
MINIMUM TOTAL CREDITS REQUIRED	77

Degree Requirements

WORSHIP ARTS LEADERSHIP MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

WORSHIP ARTS LEADERSHIP CORE*

Course	Attributes	Credits
THEO 3403 History&Theology Christn Worship	UD, WE	3
THEO 4720 Leadership in Ministry	W, UD, WE	5
THEO 4911 Worship Arts Leadership Seminar	UD	3
THEO 4931 Worship Arts Leadership Pract	UD	4
SECTION CREDITS REQUIRED		15

ELECTIVES

Course	Attributes	Credits
ART 1107 Art Foundations 3: Time (5)	-	15
ART 3608 Issues:Contempary Art&Vis Cultr (5)	W, UD, WE, CUE	
ART 3610 History Graphic Design/Illustrn (5)	W, UD	
MUS 2570 Basic Music Technology (2)	-	
MUS 3200 Songwriting (3)	UD	
MUS 3401 Music & Worship (2)	UD, WE	
TRE 1931 Production Practicum (2)	-	
TRE 3710 Play Directing (5)	UD	
TRE 4899 Theatre Capstone (2)	UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		30

ADDITIONAL REQUIREMENTS AND INFORMATION

- *THEO 4931 must be taken twice for core

Degree Requirements

PSYCHOLOGY BA: ANIMAL BEHAVIOR TRACK

67 Credits Minimum, Including 36 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 1200 Psychology as Vocation	-	1
PSY 4899 Senior Seminar in Psychology	UD	3
PSY 4940 Internship in Psychology (3)	UD	3
PSY 4970 Independent Research (3)	UD	
SECTION CREDITS REQUIRED		12

METHODS IN PSYCHOLOGICAL RESEARCH

Course	Attributes	Credits
PSY 2360 Intro to Stats Soc & Behav Sci (5)	WKQR	10
PSY 3588 Psychological Research Methods (5)	W, UD	
SECTION CREDITS REQUIRED		10

SOCIOCULTURAL PSYCHOLOGY

Course	Attributes	Credits
PSY 3410 Cross-Cultural Psychology	UD, CUE	5
PSY 3438 Social Psychology	UD	5
SECTION CREDITS REQUIRED		10

NATURAL SCIENCE AND BEHAVIOR

Course	Attributes	Credits
PSY 4488 Behavioral Neuroscience	UD	5
SECTION CREDITS REQUIRED		5

DEVELOPMENTAL PSYCHOLOGY

Course	Attributes	Credits
PSY 2470 Lifespan Developmental Psych (5)	-	

PSY 3460 Child Developmental Psychology (5)	UD	
PSY 3475 Adolescent Developmental Psych (5)	UD	5
PSY 3480 Adult Developmental Psychology (5)	UD	
PSY 3485 Cultural Developmental Psych (5)	UD, CUE	
SECTION CREDITS REQUIRED		5

PSYCHOLOGICAL DISORDERS

Course	Attributes	Credits
PSY 3360 Psychological Disorders	UD	5
SECTION CREDITS REQUIRED		5

ANIMAL BEHAVIOR TRACK

Course	Attributes	Credits
PSY 3700 Learning and Behavior	UD	5
PSY 3800 Cognitive Psychology	UD	5
PSY 3388 Comparativ Neuroanatmy of Behavr (5)	UD	5
PSY 4428 Advanced Statistical Analysis (5)	UD	
PSY 4101 ARM: Animal Behavior	W, UD	5
SECTION CREDITS REQUIRED		20
MINIMUM TOTAL CREDITS REQUIRED		67

Degree Requirements

CHRISTIAN SCRIPTURE MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

CHRISTIAN SCRIPTURE MINOR CORE REQUIREMENT

Course	Attributes	Credits
UFDN 2000 Christian Scripture (5)	-	5
UFDN 3001 Christian Scripture (5)	UD	
SECTION CREDITS REQUIRED		5

CORE COURSES

Course	Attributes	Credits
THEO 3110 Torah/Pentateuch: O.T. Gospel	W, UD	5
THEO 3210 Four Gospels and One Jesus	W, UD	5
SECTION CREDITS REQUIRED		10

SELECT TWO COURSES FROM THE FOLLOWING

Course	Attributes	Credits
THEO 3250 Biblical Texts:Old Testament (5)	UD	10
THEO 3255 Biblical Texts: New Testament (5)	UD	
THEO 3260 Biblical Topics (5)	UD, WE	
SECTION CREDITS REQUIRED		10

SELECT ONE COURSE FROM THE FOLLOWING

Course	Attributes	Credits
THEO 4100 Biblical Ethics (5)	W, UD	5
THEO 4290 Biblical Theology (5)	W, UD	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

COSTUME DESIGN AND PRODUCTION MINOR (FCS DEPT)

35 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
FCS 1840 Basic Clothing Construction	-	5
FCS 3840 Flat Pattern Design	UD	5
FCS 3870 History of Costume	W, UD	5
TRE 1750 Introduction to Theatre Design	-	5
TRE 3750 Costume Design	UD	5
SECTION CREDITS REQUIRED		25

ELECTIVE COURSES

Course	Attributes	Credits
ART 1205 Design Studio Color (5)	-	10
ART 3113 Drawing Studio: Beginng Figure (5)	UD	
TRE 1931 Production Practicum (2)	-	
TRE 3931 Production Practicum (2)	UD	
TRE 2740 Introduction Lighting & Sound (3)	-	
TRE 3720 Stage Make-up (3)	UD	
TRE 3733 Scenic Design (5)	UD	
ART 2602 West Trad I: Ancient&Medvl Art (5)	WKA	
ART 2603 West Trad II: Art since Renssnc (5)	WKA	
FCS 3823 Explornng Global Dress&Behavior (5)	UD, WE	
TRE 4911 History of the Theatre I (5)	W, UD	
TRE 4913 History of the Theatre II (5)	W, UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		35

Degree Requirements

COSTUME DESIGN AND PRODUCTION (BA) (FCS DEPT)

88 Credits Minimum, Including 36 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
ART 1102 Drawng Studio:Observtn&Realism	WKA	5
FCS 1840 Basic Clothing Construction	-	5
FCS 3240 Individual & Family Developmnt	UD	5
FCS 3830 Textiles	UD	5
FCS 3840 Flat Pattern Design	UD	5
FCS 3870 History of Costume	W, UD	5
FCS 4840 Apparel Design through Draping	UD	5
TRE 1340 Acting Fundamentals I	WKA	5
TRE 1720 Stagecraft	-	5
TRE 1750 Introduction to Theatre Design	-	5
TRE 1931 Production Practicum	-	2
TRE 2450 Analyzng & Interpretng Theatre	WKA	5
TRE 3750 Costume Design	UD	5
FCS 4899 FCS Senior Capstone	UD	3
TRE 4961 Senior Project in Theatre	UD	3
SECTION CREDITS REQUIRED		68

DESIGN & TECHNOLOGY (ONE ART CLASS, MAX 6CR PROD PRAC)

Course	Attributes	Credits
ART 1205 Design Studio Color (5)	-	10
TRE 1931 Production Practicum (2)	-	
TRE 3931 Production Practicum (2)	UD	
TRE 2740 Introduction Lighting & Sound (3)	-	
TRE 3720 Stage Make-up (3)	UD	
TRE 3733 Scenic Design (5)	UD	

SECTION CREDITS REQUIRED	10
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HISTORY, LITERATURE & CULTURE

Course	Attributes	Credits
ART 2602 West Trad I: Ancient&Medvl Art (5)	WKA	10
ART 2603 West Trad II: Art since Renssnc (5)	WKA	
FCS 3823 Explornng Global Dress&Behavior (5)	UD, WE	
TRE 4911 History of the Theatre I (5)	W, UD	
TRE 4913 History of the Theatre II (5)	W, UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		88

Degree Requirements

ANTHROPOLOGY MINOR: CULTURAL ANTHROPOLOGY

30 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
ANT 2250 Cultural Anthropology	WKSS, CUE	5
ANT 3000 Intro Biological Anthropology (5) BIO 3000 Intro Biological Anthropology (5)	UD, WE, CUE UD, WE, CUE	5
LIN 2100 Foundations of Language Study	WKH	5
BIO 1101 Biological Fundamentals (5) BIO 1103 Applications of Biology (5) BIO 2103 General Biology (5) BIO 2571 Introduction to Biology (5)	WKFS WKAS WKAS WKFS	5
SECTION CREDITS REQUIRED		20

CHOOSE ONE OF THE FOLLOWING:

Course	Attributes	Credits
SOC 3862 Race and Ethnicity (5) SOC 4210 Gender in the Global Context (5) SOC 4252 Sociology of Family (5)	UD, CUE UD, CUE UD	5
SECTION CREDITS REQUIRED		5

INDEPENDENT/DIRECTED STUDIES

Course	Attributes	Credits
ANT 4900 Independent Study (1-5) ANT 4920 Readings in Selected Fields (1-5) ANT 4970 Independent Research (1-5)	UD UD UD	5
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

PSYCHOLOGY BA: SOCIAL-PERSONALITY PSYCHOLOGY TRACK

72 Credits Minimum, Including 36 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 1200 Psychology as Vocation	-	1
PSY 4899 Senior Seminar in Psychology	UD	3
PSY 4940 Internship in Psychology (3)	UD	3
PSY 4970 Independent Research (3)	UD	
SECTION CREDITS REQUIRED		12

METHODS IN PSYCHOLOGICAL RESEARCH*

Course	Attributes	Credits
PSY 2360 Intro to Stats Soc & Behav Sci	WKQR	5
PSY 3588 Psychological Research Methods	W, UD	5
PSY 4100 ARM: Social Psychology (5)	W, UD	5
PSY 4101 ARM: Animal Behavior (5)	W, UD	
PSY 4102 ARM: Cognitive Psychology (5)	W, UD	
PSY 4103 ARM: Cross-Cultural Psychology (5)	W, UD	
PSY 4104 ARM:Psychology&Christian Faith (5)	W, UD	
PSY 4105 ARM: Personality & Preferences (5)	W, UD	
PSY 4106 ARM: Developmental Psychology (5)	W, UD	
PSY 4107 ARM: Clinical Psychology (5)	W, UD	
SECTION CREDITS REQUIRED		15

LEARNING AND COGNITIVE PSYCHOLOGY

Course	Attributes	Credits
PSY 3700 Learning and Behavior (5)	UD	5
PSY 3800 Cognitive Psychology (5)	UD	
SECTION CREDITS REQUIRED		5

NATURAL SCIENCE AND BEHAVIOR

Course	Attributes	Credits
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Course	Attributes	Credits
PSY 4488 Behavioral Neuroscience	UD	5
SECTION CREDITS REQUIRED		5

DEVELOPMENTAL PSYCHOLOGY

Course	Attributes	Credits
PSY 2470 Lifespan Developmental Psych (5)	-	
PSY 3460 Child Developmental Psychology (5)	UD	
PSY 3475 Adolescent Developmental Psych (5)	UD	5
PSY 3480 Adult Developmental Psychology (5)	UD	
PSY 3485 Cultural Developmental Psych (5)	UD, CUE	
SECTION CREDITS REQUIRED		5

PSYCHOLOGICAL DISORDERS

Course	Attributes	Credits
PSY 3360 Psychological Disorders	UD	5
SECTION CREDITS REQUIRED		5

SOCIAL-PERSONALITY PSYCHOLOGY TRACK

Course	Attributes	Credits
PSY 3410 Cross-Cultural Psychology	UD, CUE	5
PSY 3438 Social Psychology	UD	5
PSY 3442 Personality&Indivl Differences	UD	5
PSY 3448 Tests & Measurements in Psych	UD	5
PSY 4428 Advanced Statistical Analysis	UD	5
SECTION CREDITS REQUIRED		25

RECOMMENDED COURSES

Course	Attributes	Credits
PSY 2422 Psych Persnl Growth&Civ Devlpm	-	3
SECTION CREDITS REQUIRED		0
MINIMUM TOTAL CREDITS REQUIRED		72

ADDITIONAL REQUIREMENTS AND INFORMATION

- *PSY 4100, 4103, or 4105 recommended for ARM

Degree Requirements

PSYCHOLOGY BA: CROSS-CULTURAL TRACK

72 Credits Minimum, Including 36 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 1200 Psychology as Vocation	-	1
PSY 4899 Senior Seminar in Psychology	UD	3
PSY 4940 Internship in Psychology	UD	3
SECTION CREDITS REQUIRED		12

METHODS IN PSYCHOLOGICAL RESEARCH

Course	Attributes	Credits
PSY 2360 Intro to Stats Soc & Behav Sci	WKQR	5
PSY 3588 Psychological Research Methods	W, UD	5
PSY 4100 ARM: Social Psychology (5)	W, UD	5
PSY 4101 ARM: Animal Behavior (5)	W, UD	
PSY 4102 ARM: Cognitive Psychology (5)	W, UD	
PSY 4104 ARM:Psychology&Christian Faith (5)	W, UD	
PSY 4105 ARM: Personality & Preferences (5)	W, UD	
PSY 4106 ARM: Developmental Psychology (5)	W, UD	
PSY 4107 ARM: Clinical Psychology (5)	W, UD	
SECTION CREDITS REQUIRED		15

SOCIOCULTURAL PSYCHOLOGY

Course	Attributes	Credits
PSY 3438 Social Psychology	UD	5
SECTION CREDITS REQUIRED		5

LEARNING AND COGNITION PSYCHOLOGY

Course	Attributes	Credits
PSY 3700 Learning and Behavior (5)	UD	5
PSY 3800 Cognitive Psychology (5)	UD	

SECTION CREDITS REQUIRED	5
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NATURAL SCIENCE AND BEHAVIOR

Course	Attributes	Credits
PSY 4488 Behavioral Neuroscience	UD	5
SECTION CREDITS REQUIRED	5	

DEVELOPMENTAL PSYCHOLOGY

Course	Attributes	Credits
PSY 2470 Lifespan Developmental Psych (5)	-	5
PSY 3460 Child Developmental Psychology (5)	UD	
PSY 3475 Adolescent Developmental Psych (5)	UD	
PSY 3480 Adult Developmental Psychology (5)	UD	
SECTION CREDITS REQUIRED	5	

PSYCHOLOGICAL DISORDERS

Course	Attributes	Credits
PSY 3360 Psychological Disorders	UD	5
SECTION CREDITS REQUIRED	5	

CROSS-CULTURAL TRACK CORE

Course	Attributes	Credits
PSY 3410 Cross-Cultural Psychology	UD, CUE	5
PSY 3485 Cultural Developmental Psych	UD, CUE	5
PSY 4103 ARM: Cross-Cultural Psychology	W, UD	5
SECTION CREDITS REQUIRED	15	

CROSS-CULTURAL TRACK ELECTIVES*

Course	Attributes	Credits
ANT 2250 Cultural Anthropology (5)	WKSS, CUE	5
HIS 3750 Latin America (5)	UD, CUE	
PSY 2200 Community Psychology (5)	-	
SOC 2351 Living on Margins: Global South (5)	WE	
SOC 3750 Latin America (5)	UD, CUE	
SOC 4210 Gender in the Global Context (5)	UD, CUE	
SOC 4910 Seminar (1-5)	UD	
THEO 2620 Intro to Global & Urban Mnstry (5)	CUE	
THEO 3601 Multi-Ethnic Ministry (3)	UD, CUE	
THEO 3640 Cross-Cultural Ministry (3)	UD, CUE	

THEO 4602 Latin American Christianity (3)	UD, CUE	
THEO 4603 Asian/African Christianity (3)	UD, CUE	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		72

ADDITIONAL REQUIREMENTS AND INFORMATION

- * Psych 4910 with Cross-Cultural focus may count here.

Degree Requirements

PSYCHOLOGY BA: PSYCHOLOGICAL SCIENCE TRACK

62 Credits Minimum, Including 36 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 1200 Psychology as Vocation	-	1
PSY 4899 Senior Seminar in Psychology	UD	3
PSY 4940 Internship in Psychology (3)	UD	3
PSY 4970 Independent Research (3)	UD	
SECTION CREDITS REQUIRED		12

METHODS IN PSYCHOLOGICAL RESEARCH

Course	Attributes	Credits
PSY 2360 Intro to Stats Soc & Behav Sci	WKQR	5
PSY 3588 Psychological Research Methods	W, UD	5
PSY 4100 ARM: Social Psychology (5)	W, UD	5
PSY 4101 ARM: Animal Behavior (5)	W, UD	
PSY 4102 ARM: Cognitive Psychology (5)	W, UD	
PSY 4103 ARM: Cross-Cultural Psychology (5)	W, UD	
PSY 4104 ARM:Psychology&Christian Faith (5)	W, UD	
PSY 4105 ARM: Personality & Preferences (5)	W, UD	
PSY 4106 ARM: Developmental Psychology (5)	W, UD	
PSY 4107 ARM: Clinical Psychology (5)	W, UD	
SECTION CREDITS REQUIRED		15

SOCIOCULTURAL PSYCHOLOGY

Course	Attributes	Credits
PSY 3410 Cross-Cultural Psychology	UD, CUE	5
PSY 3438 Social Psychology	UD	5
SECTION CREDITS REQUIRED		10

LEARNING AND COGNITIVE PSYCHOLOGY

Course	Attributes	Credits
PSY 3700 Learning and Behavior (5)	UD	5
PSY 3800 Cognitive Psychology (5)	UD	
SECTION CREDITS REQUIRED		5

NATURAL SCIENCE AND BEHAVIOR

Course	Attributes	Credits
PSY 4488 Behavioral Neuroscience	UD	5
SECTION CREDITS REQUIRED		5

DEVELOPMENTAL PSYCHOLOGY

Course	Attributes	Credits
PSY 2470 Lifespan Developmental Psych (5)	-	5
PSY 3460 Child Developmental Psychology (5)	UD	
PSY 3475 Adolescent Developmental Psych (5)	UD	
PSY 3480 Adult Developmental Psychology (5)	UD	
PSY 3485 Cultural Developmental Psych (5)	UD, CUE	
SECTION CREDITS REQUIRED		5

PSYCHOLOGICAL DISORDERS

Course	Attributes	Credits
PSY 3360 Psychological Disorders	UD	5
SECTION CREDITS REQUIRED		5

PSYCHOLOGY ELECTIVES

Course	Attributes	Credits
PSY 2200 Community Psychology (5)	-	5
PSY 2210 Health Psychology (5)	-	
PSY 2220 Sports Psychology (5)	-	
PSY 2361 Research Experience in Psych (1-3)	-	
PSY 2422 Psych Persnl Growth&Civ Devlpm (3)	-	
PSY 3200 Launching Your Career (1)	UD	
PSY 3388 Comparv Neuroanatmy of Behavr (5)	UD	
PSY 3439 Motivation & Leadership (5)	UD	
PSY 3442 Personality&Indivl Differences (5)	UD	
PSY 4110 Psychopharmacology (5)	UD	
PSY 4428 Advanced Statistical Analysis (5)	UD	
PSY 4470 Counseling Theory & Practice (5)	UD	
PSY 4485 Psychobiology of Women (5)	UD	
PSY 4900 Independent Study (1-5)	UD	
PSY 4910 Topical Seminar in Psychology (1-5)	UD	
PSY 4400 Psychology and Christian Faith (5)	-	

SECTION CREDITS REQUIRED	5
MINIMUM TOTAL CREDITS REQUIRED	62

Degree Requirements

PSYCHOLOGY BA: DEVELOPMENTAL PSYCHOLOGY TRACK

72 Credits Minimum, Including 36 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 1200 Psychology as Vocation	-	1
PSY 4899 Senior Seminar in Psychology	UD	3
PSY 4940 Internship in Psychology (3)	UD	3
PSY 4970 Independent Research (3)	UD	
SECTION CREDITS REQUIRED		12

METHODS IN PSYCHOLOGICAL RESEARCH*

Course	Attributes	Credits
PSY 2360 Intro to Stats Soc & Behav Sci	WKQR	5
PSY 3588 Psychological Research Methods	W, UD	5
PSY 4100 ARM: Social Psychology (5)	W, UD	5
PSY 4101 ARM: Animal Behavior (5)	W, UD	
PSY 4102 ARM: Cognitive Psychology (5)	W, UD	
PSY 4103 ARM: Cross-Cultural Psychology (5)	W, UD	
PSY 4104 ARM:Psychology&Christian Faith (5)	W, UD	
PSY 4105 ARM: Personality & Preferences (5)	W, UD	
PSY 4106 ARM: Developmental Psychology (5)	W, UD	
PSY 4107 ARM: Clinical Psychology (5)	W, UD	
SECTION CREDITS REQUIRED		15

SOCIOCULTURAL PSYCHOLOGY

Course	Attributes	Credits
PSY 3410 Cross-Cultural Psychology	UD, CUE	5
PSY 3438 Social Psychology	UD	5
SECTION CREDITS REQUIRED		10

LEARNING AND COGNITIVE PSYCHOLOGY

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Course	Attributes	Credits
PSY 3700 Learning and Behavior (5)	UD	5
PSY 3800 Cognitive Psychology (5)	UD	
SECTION CREDITS REQUIRED		5

NATURAL SCIENCE AND BEHAVIOR

Course	Attributes	Credits
PSY 4488 Behavioral Neuroscience	UD	5
SECTION CREDITS REQUIRED		5

PSYCHOLOGICAL DISORDERS

Course	Attributes	Credits
PSY 3360 Psychological Disorders	UD	5
SECTION CREDITS REQUIRED		5

DEVELOPMENTAL PSYCHOLOGY TRACK**

Course	Attributes	Credits
PSY 2470 Lifespan Developmental Psych (5)	-	20
PSY 3448 Tests & Measurements in Psych (5)	UD	
PSY 3460 Child Developmental Psychology (5)	UD	
PSY 3475 Adolescent Developmental Psych (5)	UD	
PSY 3480 Adult Developmental Psychology (5)	UD	
PSY 3485 Cultural Developmental Psych (5)	UD, CUE	
PSY 4910 Topical Seminar in Psychology (5)	UD	
SECTION CREDITS REQUIRED		20
MINIMUM TOTAL CREDITS REQUIRED		72

ADDITIONAL REQUIREMENTS AND INFORMATION

- *PSY 4106 recommended for ARM
- **PSY 4910 Developmental Focus may count here

Degree Requirements

PSYCHOLOGY BS: PSYCHOLOGICAL SCIENCE TRACK

88 Credits Minimum, Including 36 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 1200 Psychology as Vocation	-	1
PSY 4899 Senior Seminar in Psychology	UD	3
PSY 4940 Internship in Psychology (3)	UD	3
PSY 4970 Independent Research (3)	UD	
SECTION CREDITS REQUIRED		12

METHODS IN PSYCHOLOGICAL RESEARCH

Course	Attributes	Credits
PSY 2360 Intro to Stats Soc & Behav Sci	WKQR	5
PSY 3588 Psychological Research Methods	W, UD	5
PSY 4428 Advanced Statistical Analysis	UD	5
PSY 4100 ARM: Social Psychology (5)	W, UD	5
PSY 4101 ARM: Animal Behavior (5)	W, UD	
PSY 4102 ARM: Cognitive Psychology (5)	W, UD	
PSY 4103 ARM: Cross-Cultural Psychology (5)	W, UD	
PSY 4104 ARM:Psychology&Christian Faith (5)	W, UD	
PSY 4105 ARM: Personality & Preferences (5)	W, UD	
PSY 4106 ARM: Developmental Psychology (5)	W, UD	
PSY 4107 ARM: Clinical Psychology (5)	W, UD	
SECTION CREDITS REQUIRED		20

SOCIOCULTURAL PSYCHOLOGY

Course	Attributes	Credits
PSY 3410 Cross-Cultural Psychology	UD, CUE	5
PSY 3438 Social Psychology	UD	5
SECTION CREDITS REQUIRED		10

LEARNING & COGNITIVE PSYCHOLOGY

Course	Attributes	Credits
PSY 3700 Learning and Behavior (5)	UD	5
PSY 3800 Cognitive Psychology (5)	UD	
SECTION CREDITS REQUIRED		5

NATURAL SCIENCE AND BEHAVIOR

Course	Attributes	Credits
PSY 4488 Behavioral Neuroscience	UD	5
SECTION CREDITS REQUIRED		5

DEVELOPMENTAL PSYCHOLOGY

Course	Attributes	Credits
PSY 2470 Lifespan Developmental Psych (5)	-	5
PSY 3460 Child Developmental Psychology (5)	UD	
PSY 3475 Adolescent Developmental Psych (5)	UD	
PSY 3480 Adult Developmental Psychology (5)	UD	
PSY 3485 Cultural Developmental Psych (5)	UD, CUE	
SECTION CREDITS REQUIRED		5

PSYCHOLOGICAL DISORDERS

Course	Attributes	Credits
PSY 3360 Psychological Disorders	UD	5
SECTION CREDITS REQUIRED		5

NAT SCIENCE AND BEHAVIOR ELECTIVES*

Course	Attributes	Credits
BIO 3434 Animal Behavior (5)	W, UD	6
BIO 4418 Neurobiology (5)	UD	
FCS 3321 Nutrition through Life Cycle (3)	UD	
FCS 3340 Human Nutrition (5)	UD	
HSC 3035 Human Sexuality (3)	UD, WE	
PSY 2210 Health Psychology (5)	-	
PSY 3388 Comparative Neuroanatomy of Behavior (5)	UD	
PSY 4110 Psychopharmacology (5)	UD	
PSY 4485 Psychobiology of Women (5)	UD	
SECTION CREDITS REQUIRED		6

NATURAL SCIENCE

Course	Attributes	Credits
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BIO 2129 Human Anatomy & Physiology (5) BIO 2130 Human Anatomy & Physiology (5)	WKAS -	10
CHM 1310 Survey of General Chemistry	WKFS	5
CHM 1360 Survey of Biological Chemistry	-	5
SECTION CREDITS REQUIRED		20
MINIMUM TOTAL CREDITS REQUIRED		88

ADDITIONAL REQUIREMENTS AND INFORMATION

- *If both PSY 3700 and 3800 are taken, 3800 may count here

Degree Requirements

PSYCHOLOGY BA: DATA ANALYTICS TRACK

72 Credits Minimum, Including 36 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 1200 Psychology as Vocation	-	1
PSY 4899 Senior Seminar in Psychology	UD	3
PSY 4940 Internship in Psychology (3)	UD	3
PSY 4970 Independent Research (3)	UD	
SECTION CREDITS REQUIRED		12

METHODS IN PSYCHOLOGICAL RESEARCH

Course	Attributes	Credits
PSY 2360 Intro to Stats Soc & Behav Sci	WKQR	5
PSY 3588 Psychological Research Methods	W, UD	5
PSY 4100 ARM: Social Psychology (5)	W, UD	5
PSY 4101 ARM: Animal Behavior (5)	W, UD	
PSY 4102 ARM: Cognitive Psychology (5)	W, UD	
PSY 4103 ARM: Cross-Cultural Psychology (5)	W, UD	
PSY 4104 ARM:Psychology&Christian Faith (5)	W, UD	
PSY 4105 ARM: Personality & Preferences (5)	W, UD	
PSY 4106 ARM: Developmental Psychology (5)	W, UD	
PSY 4107 ARM: Clinical Psychology (5)	W, UD	
SECTION CREDITS REQUIRED		15

SOCIOCULTURAL PSYCHOLOGY

Course	Attributes	Credits
PSY 3410 Cross-Cultural Psychology	UD, CUE	5
PSY 3438 Social Psychology	UD	5
SECTION CREDITS REQUIRED		10

LEARNING AND COGNITIVE PSYCHOLOGY

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Course	Attributes	Credits
PSY 3700 Learning and Behavior (5)	UD	5
PSY 3800 Cognitive Psychology (5)	UD	
SECTION CREDITS REQUIRED		5

NATURAL SCIENCE AND BEHAVIOR

Course	Attributes	Credits
PSY 4488 Behavioral Neuroscience	UD	5
SECTION CREDITS REQUIRED		5

DEVELOPMENTAL PSYCHOLOGY

Course	Attributes	Credits
PSY 2470 Lifespan Developmental Psych (5)	-	5
PSY 3460 Child Developmental Psychology (5)	UD	
PSY 3475 Adolescent Developmental Psych (5)	UD	
PSY 3480 Adult Developmental Psychology (5)	UD	
PSY 3485 Cultural Developmental Psych (5)	UD, CUE	
SECTION CREDITS REQUIRED		5

PSYCHOLOGICAL DISORDERS

Course	Attributes	Credits
PSY 3360 Psychological Disorders	UD	5
SECTION CREDITS REQUIRED		5

DATA ANALYTICS TRACK

Course	Attributes	Credits
PSY 3448 Tests & Measurements in Psych (5)	UD	5
PSY 4428 Advanced Statistical Analysis (5)	UD	
CSC 1130 Beginning Programming (5)	WKAS	5
CSC 1230 Problem Solving & Programming (5)	WKAS	
BUS 4622 Information & Database Systems (5)	UD	5
BUS 4650 Data Analytics & Visualization (5)	UD	
PSY 4430 Data Analytics & Storytelling (5)	UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		72

Degree Requirements

GLOBAL ENGAGEMENT MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

CORE REQUIREMENT*

Course	Attributes	Credits
UCOR 2000 Emergcnce of Modrn Global Systm (5)	-	5
HON 2000 Honors Culture and Soc Systems (5)	WKSS, CUE	
SECTION CREDITS REQUIRED		5

SELF-AWARENESS

Course	Attributes	Credits
BIO 1121 Coral Reef Ecology (5)	WKFS, CUE	5
BIO 1123 Humans and Coral Reefs (5)	WKAS, CUE	
CHM 2410 Envrnmntal Chem&Sustainability (5)	WKAS, CUE	
COM 4180 Cultural Communication (5)	UD, CUE	
CSC 3011 Living in a Digital World (3)	W, UD, WE	
FCS 3823 Explornng Global Dress&Behavior (5)	UD, WE	
FCS 3875 Appearance and Culture (3)	W, UD	
LIN 2100 Foundations of Language Study (5)	WKH	
MUS 1200 Cultural Engagemnt through Mus (5)	CUE	
PHI 1004 The Examined Life (5)	WKH	
PHY 1135 Astronomy:Individual & Univers (5)	WKFS	
POL 1110 Introduction to Politics (5)	WKSS	
SECTION CREDITS REQUIRED		5

DIVERSITY & WORLDVIEW

Course	Attributes	Credits
ANT 2250 Cultural Anthropology (5)	WKSS, CUE	
ART 3606 Cross-Cultural Encounters (5)	W, UD, WE, CUE	
ART 3612 Rdg Urban Spaces:Eternal City (5)	W, UD, WE	
ART 3613 Churches of Rome (5)	UD, WE	
ASIA 2417 Religious Traditions of Asia (5)	WKSS, CUE	
HIS 2417 Religious Traditions of Asia (5)	WKSS, CUE	
ASIA 3765 Traditional East Asia (5)	W, UD, WE	
HIS 3765 Traditional East Asia (5)	W, UD, WE	
ASIA 3785 East Asian Modernities (5)	W, UD, WE	
HIS 3785 East Asian Modernities (5)	W, UD, WE	
ASIA 3786 Nation City&Identity in China (5)	UD, WE	
HIS 3786 Nation City&Identity in China (5)	UD, WE	

PHS 3700 Nation Citizenship in China (5)	UD, WE	
BIO 4256 Environmental Physiology (5)	W, UD	
CHN 2101 Intermedt Mandarin Chinese I (5)	-	
CHN 2102 Intermedt Mandarin Chinese II (5)	-	
CHN 2103 Intermedt Mandarin Chinese III (5)	-	
ENG 2248 International Fiction (5)	WKH, CUE	
ENG 3335 Celtic Literature and Culture (5)	W, UD, WKH, CUE	
ENG 3380 African Literature (5)	W, UD, CUE	
ENG 3381 Middle Eastern Literature (5)	W, UD, CUE	
ENG 3383 Arab Spring (5)	W, UD, WE, CUE	
ENG 3384 Empires of Asia (5)	W, UD, CUE	
FCS 3280 Children and Families (5)	UD, CUE	
FLM 3781 A World on Film (5)	W, UD, WE, CUE	
FRE 3105 Ecriture Engagee (5)	W, UD, WE	
FRE 3205 Topics: Francophone Literature (5)	W, UD, WE, CUE	5
FRE 3250 La France et le Monde (3)	UD, CUE	
HIS 3331 Roman Hispania to World Empire (5)	UD	
HIS 3356 The Holocaust (5)	UD, CUE	
HIS 3366 Holocaust in Prague:Jewish Exp (5)	UD, WE, CUE	
HIS 3387 Christianity in Asia (3)	W, UD	
HIS 3448 History of Forced Migration (5)	UD, CUE	
HIS 3720 Rise of Islamic Civilization (5)	W, UD, WE, CUE	
HIS 3730 Modern Middle East (5)	UD, WE	
HIS 3750 Latin America (5)	UD, CUE	
HIS 3790 History of Africa (5)	UD, WE	
LIN 4200 Second Language Acquisition (5)	UD	
MUS 2341 Gamelan Ensemble (1)	WKA	
MUS 2606 Music of Asia (5)	WE, CUE	
MUS 4234 Music of the Spice Route (3)	W, UD, CUE	
MUS 4235 Music of the Pacific Rim (3)	W, UD, CUE	
PHY 3137 Cntmpry Phys&Eastrn Christnty (5)	UD, WE	
POL 2330 International Relations (5)	WKSS, CUE	
SOC 3750 Latin America (5)	UD, CUE	
SOC 4210 Gender in the Global Context (5)	UD, CUE	
SPN 2101 Intermediate Spanish I (5)	WKH	
SPN 2102 Intermediate Spanish II (5)	WKH	
SPN 2103 Intermediate Spanish III (5)	WKH	
SPN 2201 Latin Amer Civilizatn & Culture (5)	WKH	
SPN 3120 Civilizacion y Cultura (5)	UD	
SPN 4501 Topics in Latin American Lit (5)	W, UD	
SECTION CREDITS REQUIRED		5

IMPACTS & SOLUTIONS**

Course	Attributes	Credits
BIO 3310 Ecology (5)	W, UD	
BIO 4835 Conservation Biology (5)	UD	
EGR 3612 Apprpriate&Sustanble Engrn II (4)	UD	
EGR 3614 Apprpriate&Sustanble Engrn III (4)	UD	
FCS 1710 Global Impacts of Design (5)	WKA	

FCS 3100 Sustainable Food Production (5)	UD, WE	
FCS 3250 Servg Chldr,Families&Commnties (5)	UD, WE, CUE	
FCS 3890 Global Sourcing and Production (5)	UD, CUE	
FCS 4510 Commncatng Family&Consumer Sci (5)	UD	
FCS 4712 Adv Design II-Commercial Inter (5)	UD, CUE	
FCS 4730 Sustainability and Materials (5)	UD	
GDEV 2000 Intro to Global Development (5)	-	5
HIS 1490 Life & Death in World Cities (5)	WKSS	
HIS 3440 War, Peace & World Order (5)	UD, WE	
HSC 3000 Issues in Women's Health (3)	UD, WE	
HSC 4501 Transcltr Nur:Field Exp Abroad (2)	UD	
HSC 4700 Issues in Global Health (3)	UD	
LIN 4365 Methods Foreign Lng Tchg (5)	UD	
PHY 3011 Global Climate Change (5)	UD, WE	
POL 3440 War, Peace & World Order (5)	UD, WE	
PSY 3410 Cross-Cultural Psychology (5)	UD, CUE	
SOC 2351 Livng on Margins: Global South (5)	WE	
SECTION CREDITS REQUIRED		5

THEOLOGICAL DIMENSIONS

Course	Attributes	Credits
HIS 3387 Christianity in Asia (3)	W, UD	
HIS 3444 Humanitarianism (5)	UD, CUE	
POL 2642 Christianity & World Politics (5)	WE	
THEO 2400 Seeing God in our World (5)	-	
THEO 2620 Intro to Global & Urban Mnstry (5)	CUE	5
THEO 3601 Multi-Ethnic Ministry (3)	UD, CUE	
THEO 3640 Cross-Cultural Ministry (3)	UD, CUE	
THEO 4602 Latin American Christianity (3)	UD, CUE	
THEO 4603 Asian/African Christianity (3)	UD, CUE	
THEO 4610 World Religions (3)	UD	
SECTION CREDITS REQUIRED		5

FCS 4280 OR AN ADVISOR-APPROVED INTERNATIONAL EXPERIENCE

Course	Attributes	Credits
FCS 4280 Global Work and Family	UD	5
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		30

ADDITIONAL REQUIREMENTS AND INFORMATION

- *Transfer students, see advisor for approved substitution
- **ECN 2101 or 2102 may substitute if previously taken

Degree Requirements

INFORMATION STUDIES MINOR: COMMUNICATION EMPHASIS

30 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
INF 2000 Information and Attention	-	5
INF 3100 Digital Literacy and Life	UD	3
INF 3500 Information and Society	UD, WE	5
INF 4940 Internship (2)	UD	2
INF 4970 Independent Research (2)	UD	
SECTION CREDITS REQUIRED		15

COMMUNICATION ELECTIVES (INCLUDING AT LEAST 5 UD CREDITS)

Course	Attributes	Credits
JRN 1000 Fundmntls Digital&Online Media (5)	WKH	15
JRN 2203 Editing and Design (5)	-	
JRN 2335 Media Literacy (5)	WKH	
JRN 3355 The Public & the Media (5)	UD	
JRN 4121 Convergence Journalism (5)	UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

PSYCHOLOGY BS: ANIMAL BEHAVIOR TRACK

92 Credits Minimum, Including 36 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 1200 Psychology as Vocation	-	1
PSY 4899 Senior Seminar in Psychology	UD	3
PSY 4940 Internship in Psychology (3)	UD	3
PSY 4970 Independent Research (3)	UD	
SECTION CREDITS REQUIRED		12

METHODS IN PSYCHOLOGICAL RESEARCH

Course	Attributes	Credits
PSY 2360 Intro to Stats Soc & Behav Sci	WKQR	5
PSY 3588 Psychological Research Methods	W, UD	5
PSY 4428 Advanced Statistical Analysis	UD	5
SECTION CREDITS REQUIRED		15

SOCIOCULTURAL PSYCHOLOGY

Course	Attributes	Credits
PSY 3410 Cross-Cultural Psychology	UD, CUE	5
PSY 3438 Social Psychology	UD	5
SECTION CREDITS REQUIRED		10

LEARNING AND BEHAVIOR

Course	Attributes	Credits
PSY 3700 Learning and Behavior	UD	5
SECTION CREDITS REQUIRED		5

NATURAL SCIENCE AND BEHAVIOR

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Course	Attributes	Credits
PSY 4488 Behavioral Neuroscience	UD	5
SECTION CREDITS REQUIRED		5

DEVELOPMENTAL PSYCHOLOGY

Course	Attributes	Credits
PSY 2470 Lifespan Developmental Psych (5)	-	
PSY 3460 Child Developmental Psychology (5)	UD	
PSY 3475 Adolescent Developmental Psych (5)	UD	5
PSY 3480 Adult Developmental Psychology (5)	UD	
PSY 3485 Cultural Developmental Psych (5)	UD, CUE	
SECTION CREDITS REQUIRED		5

PSYCHOLOGICAL DISORDERS

Course	Attributes	Credits
PSY 3360 Psychological Disorders	UD	5
SECTION CREDITS REQUIRED		5

NATURAL SCIENCE

Course	Attributes	Credits
BIO 2129 Human Anatomy & Physiology (5)	WKAS	10
BIO 2130 Human Anatomy & Physiology (5)	-	
CHM 1310 Survey of General Chemistry	WKFS	5
CHM 1360 Survey of Biological Chemistry	-	5
SECTION CREDITS REQUIRED		20

ANIMAL BEHAVIOR TRACK

Course	Attributes	Credits
BIO 3434 Animal Behavior	W, UD	5
PSY 3800 Cognitive Psychology	UD	5
PSY 4101 ARM: Animal Behavior	W, UD	5
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		92

Degree Requirements

INFORMATION STUDIES MINOR: THEOLOGY EMPHASIS

30 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
INF 2000 Information and Attention	-	5
INF 3100 Digital Literacy and Life	UD	3
INF 3500 Information and Society	UD, WE	5
INF 4940 Internship (2)	UD	2
INF 4970 Independent Research (2)	UD	
SECTION CREDITS REQUIRED		15

THEOLOGY ELECTIVES (INCLUDING AT LEAST 5 UD CREDITS)

Course	Attributes	Credits
THEO 2721 Foundations of Spiritual Life (3)	WE	15
THEO 2735 Christian Discipleship (3)	-	
THEO 3500 Christ and Culture (2)	UD	
THEO 3501 Christian Ethics (5)	UD	
THEO 3715 Yth Cultures & Christian Faith (3)	UD, CUE	
THEO 3722 Christian Disciplines (2)	UD	
THEO 3730 Foundations of Youth Ministry (3)	UD	
THEO 3732 Current Issues in Youth Min (3)	UD	
THEO 4100 Biblical Ethics (5)	W, UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

PSYCHOLOGY MINOR

31 Credits Minimum, Including 15 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
PSY 1180 Gen Psych:Individual in Growth (5)	WKSS	6
PSY 1200 Psychology as Vocation (1)	-	
SECTION CREDITS REQUIRED		6

PSYCHOLOGY ELECTIVES (INCLUDING 15 UD)

Course	Attributes	Credits
PSY 2200 Community Psychology (5)	-	25
PSY 2210 Health Psychology (5)	-	
PSY 2220 Sports Psychology (5)	-	
PSY 2360 Intro to Stats Soc & Behav Sci (5)	WKQR	
PSY 2361 Research Experience in Psych (1-3)	-	
PSY 2422 Psych Persnl Growth&Civ Devlpm (3)	-	
PSY 2470 Lifespan Developmental Psych (5)	-	
PSY 3200 Launching Your Career (1)	UD	
PSY 3360 Psychological Disorders (5)	UD	
PSY 3388 Comparv Neuroanatmy of Behavr (5)	UD	
PSY 3410 Cross-Cultural Psychology (5)	UD, CUE	
PSY 3438 Social Psychology (5)	UD	
PSY 3439 Motivation & Leadership (5)	UD	
PSY 3442 Personality&Indivl Differences (5)	UD	
PSY 3448 Tests & Measurements in Psych (5)	UD	
PSY 3460 Child Developmental Psychology (5)	UD	
PSY 3465 Ethics in Practice (5)	UD	
PSY 3475 Adolescent Developmental Psych (5)	UD	
PSY 3480 Adult Developmental Psychology (5)	UD	
PSY 3485 Cultural Developmental Psych (5)	UD, CUE	
PSY 3588 Psychological Research Methods (5)	W, UD	
PSY 3700 Learning and Behavior (5)	UD	
PSY 3800 Cognitive Psychology (5)	UD	
PSY 4110 Psychopharmacology (5)	UD	
PSY 4428 Advanced Statistical Analysis (5)	UD	
PSY 4400 Psychology and Christian Faith (5)	-	
PSY 4485 Psychobiology of Women (5)	UD	
PSY 4488 Behavioral Neuroscience (5)	UD	
PSY 4900 Independent Study (1-5)	UD	
PSY 4910 Topical Seminars in Psychology (1-5)	UD	

PSY 4910 <u>Topical Seminar in Psychology</u> (1-3)	UD	
PSY 4970 <u>Independent Research</u> (1-3)	UD	
SECTION CREDITS REQUIRED		25
MINIMUM TOTAL CREDITS REQUIRED		31

Degree Requirements

PSYCHOLOGY BA: SPORTS PSYCHOLOGY TRACK

72 Credits Minimum, Including 36 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 1200 Psychology as Vocation	-	1
PSY 4899 Senior Seminar in Psychology	UD	3
PSY 4940 Internship in Psychology (3)	UD	3
PSY 4970 Independent Research (3)	UD	
SECTION CREDITS REQUIRED		12

METHODS IN PSYCHOLOGICAL RESEARCH

Course	Attributes	Credits
PSY 2360 Intro to Stats Soc & Behav Sci	WKQR	5
PSY 3588 Psychological Research Methods	W, UD	5
PSY 4100 ARM: Social Psychology (5)	W, UD	5
PSY 4101 ARM: Animal Behavior (5)	W, UD	
PSY 4102 ARM: Cognitive Psychology (5)	W, UD	
PSY 4103 ARM: Cross-Cultural Psychology (5)	W, UD	
PSY 4104 ARM:Psychology&Christian Faith (5)	W, UD	
PSY 4105 ARM: Personality & Preferences (5)	W, UD	
PSY 4106 ARM: Developmental Psychology (5)	W, UD	
PSY 4107 ARM: Clinical Psychology (5)	W, UD	
SECTION CREDITS REQUIRED		15

SOCIOCULTURAL PSYCHOLOGY

Course	Attributes	Credits
PSY 3410 Cross-Cultural Psychology	UD, CUE	5
PSY 3438 Social Psychology	UD	5
SECTION CREDITS REQUIRED		10

LEARNING & COGNITIVE PSYCHOLOGY**

Course	Attributes	Credits
PSY 3700 Learning and Behavior (5)	UD	5
PSY 3800 Cognitive Psychology (5)	UD	
SECTION CREDITS REQUIRED		5

NATURAL SCIENCE AND BEHAVIOR

Course	Attributes	Credits
PSY 4488 Behavioral Neuroscience	UD	5
SECTION CREDITS REQUIRED		5

DEVELOPMENTAL PSYCHOLOGY

Course	Attributes	Credits
PSY 2470 Lifespan Developmental Psych (5)	-	5
PSY 3460 Child Developmental Psychology (5)	UD	
PSY 3475 Adolescent Developmental Psych (5)	UD	
PSY 3480 Adult Developmental Psychology (5)	UD	
PSY 3485 Cultural Developmental Psych (5)	UD, CUE	
SECTION CREDITS REQUIRED		5

PSYCHOLOGICAL DISORDERS

Course	Attributes	Credits
PSY 3360 Psychological Disorders	UD	5
SECTION CREDITS REQUIRED		5

SPORTS PSYCHOLOGY

Course	Attributes	Credits
PSY 2220 Sports Psychology	-	5
SECTION CREDITS REQUIRED		5

SPORTS PSYCHOLOGY TRACK

Course	Attributes	Credits
PSY 2210 Health Psychology (5)	-	10
PSY 3439 Motivation & Leadership (5)	UD	
PSY 3442 Personality&Indivl Differences (5)	UD	
SECTION CREDITS REQUIRED		10

RECOMMENDED COURSE

Course	Attributes	Credits

PSY 2422 Psych Persnl Growth&Civ Devlpm	-	3
SECTION CREDITS REQUIRED		0
MINIMUM TOTAL CREDITS REQUIRED		72

ADDITIONAL REQUIREMENTS AND INFORMATION

- **If PSY 3700 & 3800 taken, 3800 may count here

Degree Requirements

INFORMATION STUDIES MINOR: VISUAL COMMUNICATION EMPHASIS

30 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
INF 2000 Information and Attention	-	5
INF 3100 Digital Literacy and Life	UD	3
INF 3500 Information and Society	UD, WE	5
INF 4940 Internship (2)	UD	2
INF 4970 Independent Research (2)	UD	
SECTION CREDITS REQUIRED		15

VISUAL COMMUNICATION ELECTIVES (INCLUDING 5 UD CREDITS)

Course	Attributes	Credits
ART 1105 Art Foundations 1: Surface (5)	-	15
ART 2603 West Trad II:Art since Renssnc (5)	WKA	
ART 4207 Visual Commctn 4:Informtn Dsgn (5)	UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

INFORMATION STUDIES MINOR: GENERAL EMPHASIS

30 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
INF 2000 Information and Attention	-	5
INF 3100 Digital Literacy and Life	UD	3
INF 3500 Information and Society	UD, WE	5
INF 4940 Internship (2)	UD	2
INF 4970 Independent Research (2)	UD	
SECTION CREDITS REQUIRED		15

ELECTIVES (INCLUDE AT LEAST 5 UD-CREDITS)

Course	Attributes	Credits
ART 2603 West Trad II:Art since Renssnc (5)	WKA	15
ART 3606 Cross-Cultural Encounters (5)	W, UD, WE, CUE	
ART 3608 Issues:Contempry Art&Vis Cultr (5)	W, UD, WE, CUE	
ART 3611 Readng Images:Intro Visl Study (3)	W, UD	
CSC 1010 Science and Technology (5)	WKAS	
CSC 1130 Beginning Programming (5)	WKAS	
CSC 1230 Problem Solving & Programming (5)	WKAS	
CSC 3011 Living in a Digital World (3)	W, UD, WE	
HIS 1490 Life & Death in World Cities (5)	WKSS	
HIS 2870 Museum Studies&Public History (5)	-	
HIS 3405 Science & The Reformation (5)	UD, WE	
HIS 3871 Archives: Theory&Practice (3)	UD	
HIS 3872 Museum Education (3)	UD	
INF 1000 Digital Competency (1-2)	-	
INF 4950 Topics in Information Studies (1-5)	UD	
JRN 1000 Fundmntls Digital&Online Media (5)	WKH	
JRN 2203 Editing and Design (5)	-	
JRN 2335 Media Literacy (5)	WKH	
JRN 3355 The Public & the Media (5)	UD	
JRN 4121 Convergence Journalism (5)	UD	
PHI 1001 Logic and Critical Thinking (5)	WKH	
PHI 1002 Ethics and the Good Life (5)	WKH	
PHI 2500 Science, Technology & Society (3)	-	
PHI 3999 Mind & Immortality (3)	W, UD	
PHI 4050 Philosophy of Language (3)	UD	

PHI 4653 Contemporary Epistemology (3)	UD	
POL 1110 Introduction to Politics (5)	WKSS	
POL 2330 International Relations (5)	WKSS, CUE	
POL 2642 Christianity & World Politics (5)	WE	
POL 4336 Cybersecurity (5)	UD, WE	
POL 4641 Theories of Poltcl Sys: Ancient (5)	W, UD	
POL 4642 Theories of Politcl Sys: Modern (5)	W, UD	
THEO 2721 Foundations of Spiritual Life (3)	WE	
THEO 2735 Christian Discipleship (3)	-	
THEO 3500 Christ and Culture (2)	UD	
THEO 3501 Christian Ethics (5)	UD	
THEO 3715 Yth Cultures & Christian Faith (3)	UD, CUE	
THEO 3722 Christian Disciplines (2)	UD	
THEO 3730 Foundations of Youth Ministry (3)	UD	
THEO 3732 Current Issues in Youth Min (3)	UD	
THEO 4100 Biblical Ethics (5)	W, UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

PSYCHOLOGY BS: BEHAVIORAL AND COGNITIVE NEUROSCIENCE TRACK

92 Credits Minimum, Including 36 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 1200 Psychology as Vocation	-	1
PSY 4899 Senior Seminar in Psychology	UD	3
PSY 4940 Internship in Psychology (3)	UD	3
PSY 4970 Independent Research (3)	UD	
SECTION CREDITS REQUIRED		12

METHODS IN PSYCHOLOGICAL RESEARCH

Course	Attributes	Credits
PSY 2360 Intro to Stats Soc & Behav Sci	WKQR	5
PSY 3588 Psychological Research Methods	W, UD	5
PSY 4428 Advanced Statistical Analysis	UD	5
SECTION CREDITS REQUIRED		15

SOCIOCULTURAL PSYCHOLOGY

Course	Attributes	Credits
PSY 3410 Cross-Cultural Psychology	UD, CUE	5
PSY 3438 Social Psychology	UD	5
SECTION CREDITS REQUIRED		10

LEARNING & COGNITIVE PSYCHOLOGY

Course	Attributes	Credits
PSY 3700 Learning and Behavior (5)	UD	5
PSY 3800 Cognitive Psychology (5)	UD	
SECTION CREDITS REQUIRED		5

NATURAL SCIENCE AND BEHAVIOR

Course	Attributes	Credits
PSY 4488 Behavioral Neuroscience	UD	5
SECTION CREDITS REQUIRED		5

DEVELOPMENTAL PSYCHOLOGY

Course	Attributes	Credits
PSY 2470 Lifespan Developmental Psych (5)	-	
PSY 3460 Child Developmental Psychology (5)	UD	
PSY 3475 Adolescent Developmental Psych (5)	UD	5
PSY 3480 Adult Developmental Psychology (5)	UD	
PSY 3485 Cultural Developmental Psych (5)	UD, CUE	
SECTION CREDITS REQUIRED		5

PSYCHOLOGICAL DISORDERS

Course	Attributes	Credits
PSY 3360 Psychological Disorders	UD	5
SECTION CREDITS REQUIRED		5

NATURAL SCIENCE

Course	Attributes	Credits
BIO 2129 Human Anatomy & Physiology (5)	WKAS	
BIO 2130 Human Anatomy & Physiology (5)	-	10
CHM 1310 Survey of General Chemistry	WKFS	5
CHM 1360 Survey of Biological Chemistry	-	5
SECTION CREDITS REQUIRED		20

ADVANCED RESEARCH METHODS

Course	Attributes	Credits
PSY 4101 ARM: Animal Behavior (5)	W, UD	
PSY 4102 ARM: Cognitive Psychology (5)	W, UD	5
SECTION CREDITS REQUIRED		5

BEHAVIORAL AND COGNITIVE NEUROSCIENCE TRACK**

Course	Attributes	Credits
BIO 3434 Animal Behavior (5)	W, UD	
BIO 4418 Neurobiology (5)	UD	
PSY 2210 Health Psychology (5)	-	10
PSY 3388 Comparative Neuroanatomy of Behavior (5)	UD	

PSY 3300 <u>Comparative Neuroanatomy of Behavior</u> (5)	UD	
PSY 4110 <u>Psychopharmacology</u> (5)	UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		92

ADDITIONAL REQUIREMENTS AND INFORMATION

- **If PSY 3700 & 3800 taken, 3800 may count here

Degree Requirements

INFORMATION STUDIES MINOR: HISTORY EMPHASIS

30 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
INF 2000 Information and Attention	-	5
INF 3100 Digital Literacy and Life	UD	3
INF 3500 Information and Society	UD, WE	5
INF 4940 Internship (2)	UD	2
INF 4970 Independent Research (2)	UD	
SECTION CREDITS REQUIRED		15

HISTORY ELECTIVES (INCLUDING AT LEAST 5 UD CREDITS)

Course	Attributes	Credits
HIS 1490 Life & Death in World Cities (5)	WKSS	15
HIS 2870 Museum Studies&Public History (5)	-	
HIS 3405 Science & The Reformation (5)	UD, WE	
ART 3608 Issues:Contempry Art&Vis Cultr (5)	W, UD, WE, CUE	
HIS 3871 Archives: Theory&Practice (3)	UD	
HIS 3872 Museum Education (3)	UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

INFORMATION STUDIES MINOR: POLITICAL SCIENCE EMPHASIS

30 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
INF 2000 Information and Attention	-	5
INF 3100 Digital Literacy and Life	UD	3
INF 3500 Information and Society	UD, WE	5
INF 4940 Internship (2)	UD	2
INF 4970 Independent Research (2)	UD	
SECTION CREDITS REQUIRED		15

POLITICAL SCIENCE ELECTIVES (INCLUDE AT LEAST 5-UD-CREDITS)

Course	Attributes	Credits
POL 1110 Introduction to Politics (5)	WKSS	15
POL 2330 International Relations (5)	WKSS, CUE	
POL 2642 Christianity & World Politics (5)	WE	
POL 4336 Cybersecurity (5)	UD, WE	
POL 4641 Theories of Poltcl Sys:Ancient (5)	W, UD	
POL 4642 Theories of Politcl Sys:Modern (5)	W, UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

INFORMATION STUDIES MINOR: PHILOSOPHY EMPHASIS

30 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
INF 2000 Information and Attention	-	5
INF 3100 Digital Literacy and Life	UD	3
INF 3500 Information and Society	UD, WE	5
INF 4940 Internship (2)	UD	2
INF 4970 Independent Research (2)	UD	
SECTION CREDITS REQUIRED		15

PHILOSOPHY ELECTIVES (INCLUDING AT LEAST 5 UD CREDITS)

Course	Attributes	Credits
PHI 1001 Logic and Critical Thinking (5)	WKH	15
PHI 1002 Ethics and the Good Life (5)	WKH	
PHI 2500 Science, Technology & Society (3)	-	
CSC 3011 Living in a Digital World (3)	W, UD, WE	
PHI 3999 Mind & Immortality (3)	W, UD	
PHI 4653 Contemporary Epistemology (3)	UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

INFORMATION STUDIES MINOR: ART EMPHASIS

30 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
INF 2000 Information and Attention	-	5
INF 3100 Digital Literacy and Life	UD	3
INF 3500 Information and Society	UD, WE	5
INF 4940 Internship (2)	UD	2
INF 4970 Independent Research (2)	UD	
SECTION CREDITS REQUIRED		15

ART ELECTIVES (INCLUDING AT LEAST 5 UD CREDITS)

Course	Attributes	Credits
ART 2603 West Trad II:Art since Renssnc (5)	WKA	15
ART 3502 Image and Narration (5)	UD	
ART 3608 Issues:Contemptry Art&Vis Cultr (5)	W, UD, WE, CUE	
ART 3700 Experimental Video Art (5)	UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

HONORS LIBERAL ARTS (BA)

50 Credits Minimum, Including 25 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
HON 2000 Honors Culture and Soc Systems (5) USCH 1000 University Scholars Seminar (5)	WKSS, CUE -	5
HON 2100 Honors Ethics& Critical Reason (5) USCH 1111 Classics (5)	WKH -	5
HON 2200 Honors History& Representation (5) USCH 1112 Renaissance (5)	WKA, W, CUE -	5
HON 3000 Honors Faith and Science (5) USCH 3910 Faith and Science I (5)	UD, WE UD	5
HON 3200 Honors Research and Writing	W, UD	5
HON 4899 Honors Research Capstone	W, UD	5
SECTION CREDITS REQUIRED		30

ADVANCED HONORS ELECTIVES (SEE DIRECTOR FOR OTHER OPTIONS)

Course	Attributes	Credits
HON 3950 Honors Advanced Studies (5) USCH 4910 Faith and Science II (5)	UD UD	10
SECTION CREDITS REQUIRED		10

MATHEMATICS (ANY 5-CREDIT COURSE THAT FULFILLS WKQR)*

Course	Attributes	Credits
BUS 2700 Statistics for Business & Econ (5)	WKQR	5
CRIM 2360 Intro to Stats Soc & Behav Sci (5)	WKQR	
CSC 1521 Contemporary Math w/Computing (5)	WKQR	
MAT 1221 Survey of Calculus (5)	WKQR	
MAT 1234 Calculus I (5)	WKQR	
MAT 1300 Intro to Statistical Reasoning (5)	WKQR	
MAT 1521 Intro:Contemporary Mathematics (5)	WKQR	
MAT 2360 Intro to Stats for Sciences (5)	WKQR	
MAT 2561 Statistical & Algebraic Reasng (4)	WKQR	
MAT 2700 Statistics for Business & Econ (5)	WKQR	

PSY 2360 Intro to Stats Soc & Behav Sci (5)	WKQR	
SOC 2360 Intro to Stats Soc & Behav Sci (5)	WKQR	
SECTION CREDITS REQUIRED		5

FUNDAMENTAL SCIENCES (ANY 5-CREDIT THAT FULFILLS WKFS)

Course	Attributes	Credits
BIO 1101 Biological Fundamentals (5)	WKFS	
BIO 1106 Ecological Fundamentals (5)	WKFS	
BIO 1121 Coral Reef Ecology (5)	WKFS, CUE	
BIO 1145 Oceanography (5)	WKFS	
BIO 2101 General Biology (5)	WKFS	
BIO 2571 Introduction to Biology (5)	WKFS	
CHM 1100 Introduction to Chemistry (5)	WKFS	5
CHM 1211 General Chemistry I (5)	WKFS	
CHM 1310 Survey of General Chemistry (5)	WKFS	
PHY 1101 General Physics (5)	WKFS	
PHY 1121 Physics for Sci & Engineering (5)	WKFS	
PHY 1135 Astronomy: Individual & Univers (5)	WKFS	
PHY 1140 Physics of Sound (5)	WKFS	
PHY 1142 Earth System Science (5)	WKFS	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		50

ADDITIONAL REQUIREMENTS AND INFORMATION

- An additional major must be completed to earn a degree.
- Honors Research Symposium presentation required senior year.
- Active student-leadership required (see Director).
- 10-15 UFDN credits are required based on class entry to SPU.
- *You must complete MAT 1560 as well as MAT 2561
- *CRIM/MAT/PSY/SOC 2360 okay, if taken for another program

Degree Requirements

PSYCHOLOGY BA:COMMUNITY PSYCHOLOGY & BEHAVIORAL HEALTH TRACK

72 Credits Minimum, Including 36 Upper Division (UD)

GENERAL CORE

Course	Attributes	Credits
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 1200 Psychology as Vocation	-	1
PSY 4899 Senior Seminar in Psychology	UD	3
PSY 4940 Internship in Psychology (3)	UD	3
PSY 4970 Independent Research (3)	UD	
SECTION CREDITS REQUIRED		12

METHODS IN PSYCHOLOGICAL RESEARCH*

Course	Attributes	Credits
PSY 2360 Intro to Stats Soc & Behav Sci	WKQR	5
PSY 3588 Psychological Research Methods	W, UD	5
PSY 4100 ARM: Social Psychology (5)	W, UD	5
PSY 4101 ARM: Animal Behavior (5)	W, UD	
PSY 4102 ARM: Cognitive Psychology (5)	W, UD	
PSY 4103 ARM: Cross-Cultural Psychology (5)	W, UD	
PSY 4104 ARM:Psychology&Christian Faith (5)	W, UD	
PSY 4105 ARM: Personality & Preferences (5)	W, UD	
PSY 4106 ARM: Developmental Psychology (5)	W, UD	
PSY 4107 ARM: Clinical Psychology (5)	W, UD	
SECTION CREDITS REQUIRED		15

SOCIOCULTURAL PSYCHOLOGY

Course	Attributes	Credits
PSY 3410 Cross-Cultural Psychology	UD, CUE	5
PSY 3438 Social Psychology	UD	5
SECTION CREDITS REQUIRED		10

LEARNING & COGNITIVE PSYCHOLOGY**

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Course	Attributes	Credits
PSY 3700 Learning and Behavior (5)	UD	5
PSY 3800 Cognitive Psychology (5)	UD	
SECTION CREDITS REQUIRED		5

NATURAL SCIENCE AND BEHAVIOR

Course	Attributes	Credits
PSY 4488 Behavioral Neuroscience	UD	5
SECTION CREDITS REQUIRED		5

DEVELOPMENTAL PSYCHOLOGY

Course	Attributes	Credits
PSY 2470 Lifespan Developmental Psych (5)	-	5
PSY 3460 Child Developmental Psychology (5)	UD	
PSY 3475 Adolescent Developmental Psych (5)	UD	
PSY 3480 Adult Developmental Psychology (5)	UD	
PSY 3485 Cultural Developmental Psych (5)	UD, CUE	
SECTION CREDITS REQUIRED		5

PSYCHOLOGICAL DISORDERS

Course	Attributes	Credits
PSY 3360 Psychological Disorders	UD	5
SECTION CREDITS REQUIRED		5

COMMUNITY PSYCHOLOGY

Course	Attributes	Credits
PSY 2200 Community Psychology	-	5
SECTION CREDITS REQUIRED		5

COMMUNITY PSYCHOLOGY AND BEHAVIORAL HEALTH TRACK

Course	Attributes	Credits
PSY 2210 Health Psychology (5)	-	10
PSY 3442 Personality&Indivl Differences (5)	UD	
PSY 3465 Ethics in Practice (5)	UD	
PSY 4110 Psychopharmacology (5)	UD	
PSY 4470 Counseling Theory & Practice (5)	UD	
SECTION CREDITS REQUIRED		10

RECOMMENDED COURSES

Course	Attributes	Credits
PSY 2422 <u>Psych Persnl Growth&Civ Devlpm</u>	-	3
SECTION CREDITS REQUIRED		0
MINIMUM TOTAL CREDITS REQUIRED		72

ADDITIONAL REQUIREMENTS AND INFORMATION

- *PSY 4100, 4103, or 4105 recommended for ARM
- **If PSY 3700 & 3800 taken, 3800 may count here

Degree Requirements

LEADERSHIP STUDIES MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

LEADERSHIP CORE

Course	Attributes	Credits
LDR 2900 Foundations of Leadership	-	5
LDR 4930 Leadership Practicum	UD	5
LDR 4899 Leadership Minor Capstone	UD	2
SECTION CREDITS REQUIRED		12

COMMUNITY & PERSONAL DEVELOPMENT

Course	Attributes	Credits
BUS 3600 Gender and Leadership (5)	UD	
BUS 3614 Organizational Behavior for Managers (5)	UD	
COM 2227 Small Group Disc & Leadership (5)	-	
COM 3160 Conflict Management (5)	UD	
COM 4265 Organizational Communication (5)	UD	
GDEV 3050 Institutions & Institutional Analysis (5)	UD	
NUR 4142 Professional Nursing 4 (3)	W, UD	
NUR 4153 Nursing Leadership in Community Engagement (2)	UD	
NUR 4848 Leadership & Professional Role Development (3)	W, UD	
POL 1120 American Government & Politics (5)	WKSS	
POL 2464 State & Local Politics (5)	-	5
POL 3430 Pres & Congress: Political Leadership (5)	W, UD, WE	
POL 3670 History of American Foreign Relations (5)	W, UD, WE	
POL 4000 Public Policy & Administration (5)	UD	
PSY 3439 Motivation & Leadership (5)	UD	
PSY 3442 Personality & Individual Differences (5)	UD	
SOC 3105 Community Development (5)	UD	
SOC 3440 Small Group Dynamics (5)	UD	
SOC 4440 Social Psychology (5)	UD	
THEO 4720 Leadership in Ministry (5)	W, UD, WE	
THEO 4780 Leading a Wesleyan Small Group (1)	UD	
SECTION CREDITS REQUIRED		5

VOCATION, PURPOSE, AND FAITH FORMATION

Course	Attributes	Credits

BIO 3898 Women in Science (2)	UD	
ENG 1110 Literature and Faith (5)	WKH	
ENG 1220 Film and Faith (5)	WKH	
GS 2000 Finding Your Vocation (2)	-	
GS 4000 Finding Your Vocation (2)	UD	
PHI 4897 Philosophy of Religion (5)	UD	
POL 2000 Vocations in Political Science (1)	-	
POL 2641 Christianity & Amer. Politics (5)	-	5
POL 2642 Christianity & World Politics (5)	WE	
THEO 2721 Foundations of Spiritual Life (3)	WE	
THEO 2730 Intro:Christian Reconciliation (5)	WE, CUE	
THEO 2735 Christian Discipleship (3)	-	
THEO 3331 Women in Christianity (5)	UD	
THEO 3501 Christian Ethics (5)	UD	
THEO 3710 Human Devlp & Christian Faith (5)	UD	
THEO 4100 Biblical Ethics (5)	W, UD	
SECTION CREDITS REQUIRED		5

CULTURAL & GLOBAL DIVERSITY

Course	Attributes	Credits
ANT 2250 Cultural Anthropology (5)	WKSS, CUE	
ART 3606 Cross-Cultural Encounters (3)	W, UD, WE, CUE	
COM 4180 Cultural Communication (5)	UD, CUE	
EDU 2300 Diversity & the Classroom (3)	CUE	
ENG 3302 Writing Across Cultures (3-5)	W, UD, CUE	
FCS 3710 Housing and Community (5)	W, UD	
FCS 3875 Appearance and Culture (3)	W, UD	
GDEV 2000 Intro to Global Development (5)	-	
HSC 4950 Special Topics in Health Care (1-5)	UD	
MUS 1200 Cultural Engagemnt through Mus (5)	CUE	
PHI 2222 Social Ethics (5)	WE	
POL 2330 International Relations (5)	WKSS, CUE	
POL 3330 Global Women's Issues (5)	UD, WE, CUE	5
POL 3400 International Organizations (3)	UD, CUE	
POL 3677 Urban Politics (5)	UD, WE	
POL 4452 International Law (3)	UD, CUE	
PSY 3410 Cross-Cultural Psychology (5)	UD, CUE	
SJC 1000 Introduction to Justice (5)	-	
SOC 2351 Livng on Margins: Global South (5)	WE	
SOC 3862 Race and Ethnicity (5)	UD, CUE	
SOC 4250 Law, Injustice&Social Change (5)	UD	
THEO 2620 Intro to Global & Urban Mnstry (5)	CUE	
THEO 3510 Theology, Culture, and Society (5)	UD	
THEO 3601 Multi-Ethnic Ministry (3)	UD, CUE	
THEO 3640 Cross-Cultural Ministry (3)	UD, CUE	
THEO 4610 World Religions (3)	UD	
SECTION CREDITS REQUIRED		5

Electives (Select an extra course from above categories)	3
MINIMUM TOTAL CREDITS REQUIRED	30

WHO WE ARE

Integrated Studies is the required major for students who intend to teach the elementary grades along with their Residency Teacher Certification.

OUR MISSION

The Integrated Studies major enables students to develop a breadth of knowledge across the six content disciplines of Washington state's Endorsement Competencies for Elementary Education K-8: **the arts, health and fitness, language arts, mathematics, natural sciences, and social sciences.**

Students pursuing this major who do not plan to teach elementary school are equipped to apply critical thinking skills in a variety of career settings, as they use their background in the liberal arts to analyze and synthesize information from multiple perspective to inform their work.

LEARNING OUTCOMES

SPU has a long-held reputation as one of the premier teacher preparation programs in the state and region. More outcomes are available in the [School of Education](#).

Degree Requirements

INTERACTIVE COMPUTING & ART MINOR

31 Credits Minimum, Including 21 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
ART 1105 Art Foundations 1: Surface	-	5
ART 3507 Illustration Studio: Digital	UD	5
ART 3502 Image and Narration (5)	UD	5
ART 4507 Illustratn Studio Digitl Anmtn (5)	UD	
CSC 1230 Problem Solving & Programming	WKAS	5
CSC 2430 Data Structures I	-	5
CSC 3220 Applications Programming	UD	3
SECTION CREDITS REQUIRED		28

ELECTIVES

Course	Attributes	Credits
CSC 3150 Systems Design (5)	W, UD	3
CSC 3221 Netcentric Computing (3)	UD	
CSC 4800 Adv Issues in Computer Science (3-5)	UD	
SECTION CREDITS REQUIRED		3
MINIMUM TOTAL CREDITS REQUIRED		31

Degree Requirements

INFORMATION STUDIES MINOR: COMPUTER SCIENCE EMPHASIS

30 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
INF 2000 Information and Attention	-	5
INF 3100 Digital Literacy and Life	UD	3
INF 3500 Information and Society	UD, WE	5
INF 4940 Internship (2)	UD	2
INF 4970 Independent Research (2)	UD	
SECTION CREDITS REQUIRED		15

COMPUTER SCIENCE ELECTIVES (INCLUDING AT LEAST 5 UD CREDITS)

Course	Attributes	Credits
CSC 1230 Problem Solving & Programming (5)	WKAS	15
CSC 2430 Data Structures I (5)	-	
CSC 3011 Living in a Digital World (3)	W, UD, WE	
CSC 3150 Systems Design (5)	W, UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

HONORS LIBERAL ARTS MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
HON 2000 Honors Culture and Soc Systems (5)	WKSS, CUE	20
HON 2100 Honors Ethics& Critical Reason (5)	WKH	
HON 2200 Honors History& Representation (5)	WKA, W, CUE	
HON 3000 Honors Faith and Science (5)	UD, WE	
SECTION CREDITS REQUIRED		20

ADVANCED HONORS ELECTIVES*

Course	Attributes	Credits
HON 3950 Honors Advanced Studies	UD	5
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		30

ADDITIONAL REQUIREMENTS AND INFORMATION

- *Repeat HON 3950 to reach 10-CR, or sub approved electives
- Active Student-leadership required thru duration of program

Degree Requirements

INFORMATION STUDIES MINOR:ART HIST & VISUAL STUDIES EMPHASIS

30 Credits Minimum, Including 15 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
INF 2000 Information and Attention	-	5
INF 3100 Digital Literacy and Life	UD	3
INF 3500 Information and Society	UD, WE	5
INF 4940 Internship (2)	UD	2
INF 4970 Independent Research (2)	UD	
SECTION CREDITS REQUIRED		15

ART HISTORY AND VISUAL STUDIES ELECTIVES (NEED 5 UD CREDITS)

Course	Attributes	Credits
ART 1102 Drawng Studio:Observtn&Realism (5)	WKA	15
ART 2603 West Trad II:Art since Renssnc (5)	WKA	
ART 3606 Cross-Cultural Encounters (5)	W, UD, WE, CUE	
ART 3608 Issues:Contempry Art&Vis Cultr (5)	W, UD, WE, CUE	
ART 3611 Readng Images:Intro Visl Study (3)	W, UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		30

WHO WE ARE

Our faculty care deeply about issues of social injustice and equality. In response, the Social Justice and Cultural Studies major fosters global and intercultural competencies and knowledge necessary to further function, engage, and lead effectively in today's complex society.

OUR MISSION

Aspiring to cultivate students with global and intercultural competency, this major offers effective strategies to understand and change the world. In order to prepare students for future careers, this interdisciplinary major has four tracks to help student navigate their vocations. Reflecting the vision for change at Seattle Pacific University, our major utilizes innovative pedagogical practices, technological tools, and program structure to provide an effective, efficient, and accessible student-learning experience.

LEARNING OUTCOMES

- Articulate an understanding of the dynamics of power, history, and representation that form culture and produce patterns of inequality.
- Demonstrate an awareness of how culture informs social, communal, and personal identities and relationships.
- Develop an understanding of the links between cultural ideologies, social institutions, and everyday practices.
- Address issues of inequity with aesthetic presentations and/or develop skills to implement policies and practices of social justice.
- Ask complex questions about gender, race, class, faith, and/or power.

Ways of Knowing (30 credits)

“Ways of Knowing” coursework helps you articulate how disciplines know the world (epistemology) and how disciplinary ways of knowing compare and contrast. Many of these courses are an introduction to a particular discipline.

Ways of Knowing in the Arts (5 credits)

Utilizing assumptions, methodologies, and skills unique to the arts, “Ways of Knowing in the Arts” courses share a common focus on the artistic process. Within these courses, you learn to physically create, emotionally respond to, and/or intellectually analyze artistic works and performances.

Choose from the following courses:

- ART 1102 [Drawing Studio: Observation and Realism](#) (5)
- ART 1180 [Visual Literacy](#) (5)
- ART 2302 [Painting Studio: Still Life - Oil](#) (5)
- ART 2421 [Printmaking Studio](#) (5)
- ART 2422 [Metals Studio](#) (5)
- ART 2602 [The Western Visual Tradition I: Ancient and Medieval Art](#) (5)
- ART 2603 [The Western Visual Tradition II: Art Since the Renaissance](#) (5)
- ART 2722 [Sculpture Studio](#) (5)
- ART 3546 [Art Education](#) (3)
- COM 3780 [Introduction to Film](#) (5)
- FCS 1710 [Global Impacts of Design](#) (5)
- FLM 1001 [Introduction to Film Genres](#) (5)
- FLM 2001 [Film History I: Beginnings-1960](#) (5)
- FLM 2002 [Film History II: American Film 1960-Present](#) (5)
- HHP 1105 [Introduction to Ballet](#) (2)
- HHP 1165 [Introduction to Dance](#) (2)
- HHP 1166 [Dance Techniques: Modern and Jazz](#) (2)
- HHP 1167 [Social Dance Techniques](#) (2)
- HON 2200 [Honors Core: History and Representation](#) (5)
- MUS 1050 [Fundamentals of Music](#) (3)
- MUS 1250 [Beginning Keyboard Class](#) (2)
- MUS 1251 [Intermediate Keyboard Class](#) (2)
- MUS 1260 [Voice Class](#) (2)
- MUS 1270 [Beginning Folk Guitar](#) (1)
- MUS 1600 [Exploring and Understanding Music](#) (5)
- MUS 2301 [Gospel Choir](#) (2)

- MUS 2304 [Chamber Singers](#) (1)
- MUS 2305 [Treble Choir](#) (2)
- MUS 2306 [Brass Ensemble](#) (1)
- MUS 2307 [Percussion Ensemble](#) (1-2)
- MUS 2308 [Woodwind Ensemble \(Flute\)](#) (1)
- MUS 2309 [String Quartet](#) (1)
- MUS 2310 [Keyboard Ensemble](#) (1)
- MUS 2311 [Jazz Lab](#) (2)
- MUS 2312 [Tenor/Bass Choir](#) (2)
- MUS 2341 [Gamelan Ensemble](#) (1)
- MUS 2342 [Worship Band](#) (1,2)
- MUS 2350 [Concert Choir](#) (2)
- MUS 2351 [Wind Ensemble](#) (2)
- MUS 2353 [Symphony Orchestra](#) (2)
- MUS 2360 [Singing from the Stage](#) (1-2)
- MUS 2605 [Survey of Popular Music](#) (5)
- MUS 3501 [Elementary Music Education](#) (3)
- MUS 4239 [Music of Latin America and the Caribbean](#) (3)
- MUS 4301 [Gospel Choir](#) (2)
- MUS 4304 [Chamber Singers](#) (1)
- MUS 4305 [Treble Choir](#) (2)
- MUS 4306 [Brass Ensemble](#) (1)
- MUS 4307 [Percussion Ensemble](#) (1-2)
- MUS 4308 [Woodwind Ensemble \(Flute\)](#) (1)
- MUS 4309 [String Quartet](#) (1)
- MUS 4310 [Keyboard Ensemble](#) (1)
- MUS 4311 [Jazz Lab](#) (2)
- MUS 4312 [Tenor/Bass Choir](#) (2)
- MUS 4341 [Gamelan Ensemble](#) (1)
- MUS 4342 [Worship Band](#) (1,2)
- MUS 4350 [Concert Choir](#) (2)
- MUS 4351 [Wind Ensemble](#) (2)
- MUS 4353 [Symphony Orchestra](#) (2)
- MUS 4360 [Singing from the Stage](#) (1-2)
- TRE 1110 [The Theatre Experience](#) (5)
- TRE 1340 [Acting Fundamentals I](#) (5)
- TRE 1930 [Performance Practicum](#) (2)
- TRE 2450 [Analyzing and Interpreting Theatre](#) (5)

- TRE 3800 [Theatre Education](#) (3)
- TRE 3930 [Performance Practicum](#) (2)

Ways of Knowing in the Humanities (5 credits)

“Ways of Knowing in the Humanities” courses address the kinds of knowing embodied in the uniquely human system of meaning and representation. Employing a foundational understanding of one disciplinary perspective in the humanities, you will examine selected profound human questions expressed by language and manifested in culture.

Choose from the following courses:

- CHN 2200 [Chinese Culture - Past and Present](#) (5)
- CLA 1300 [Survey of Classical Literature](#) (5)
- COM 1101 [Introduction to Interpersonal Communication](#) (5)
- COM 1321 [Public Speaking](#) (5)
- ENG 1110 [Literature and Faith](#) (5)
- ENG 1220 [Film and Faith](#) (5)
- ENG 2221 [Good Poems](#) (5)
- ENG 2223 [Fantasy and Science Fiction](#) (5)
- ENG 2234 [Literature by Women](#) (5)
- ENG 2248 [International Fiction](#) (5)
- ENG 3334 [United States Multi-Ethnic Literature](#) (5)
- ENG 3335 [Celtic Literature and Culture](#) (5)
- FRE 2101 [Niveau Intermediaire](#) (5)
- HON 2100 [Honors Core: Ethics and Critical Reasoning](#) (5)
- JRN 1000 [Fundamentals of Digital and Online Media](#) (5)
- JRN 2335 [Media Literacy](#) (5)
- LIN 2100 [Foundations of Language Study](#) (5)
- PHI 1001 [Logic and Critical Thinking](#) (5)
- PHI 1002 [Ethics and the Good Life](#) (5)
- PHI 1004 [The Examined Life](#) (5)
- SBS 4913 [Middle East Seminar: Islamic Thought and Practice](#) (4.5-6)
- SBS 4922 [Latin American Studies Program: Literature and Language](#) (4.5)
- SPN 2101 [Intermediate Spanish I](#) (5)
- SPN 2102 [Intermediate Spanish II](#) (5)
- SPN 2103 [Intermediate Spanish III](#) (5)
- SPN 2111 [Intermediate Spanish 1 for Heritage Speakers](#) (5)
- SPN 2112 [Intermediate Spanish 2 for Heritage Speakers](#) (5)
- SPN 2113 [Intermediate Spanish 3 for Heritage Speakers](#) (5)
- SPN 2201 [Latin American Civilization and Culture](#) (5)

Ways of Knowing in Quantitative Reasoning (5 credits)

A globalized world with complex problems requires you to reason abstractly and deductively, understand and analyze data, and be fluent in quantitative problem-solving. “Ways of Knowing in Quantitative Reasoning” courses involve forms of human thought that include analysis of data, problem-solving, and deductive reasoning.

Choose from the following courses:

- BUS 2700 [Statistics for Business and Economics](#) (5)
- CRIM 2360 [Introduction to Statistics in Social and Behavioral Sciences](#) (5)
- CSC 1521 [Contemporary Math with Computing](#) (5)
- EDU 2600 [Statistics Unleashed: Application in Education and other fields](#) (5)
- MAT 1221 [Survey of Calculus](#) (5)
- MAT 1234 [Calculus I](#) (5)
- MAT 1300 [Introduction to Statistical Reasoning](#) (5)
- MAT 1521 [Introduction to Contemporary Mathematics](#) (5)
- MAT 2360 [Introduction to Statistics for the Sciences](#) (5)
- MAT 2561 [Statistical and Algebraic Reasoning](#) (4)
- MAT 2700 [Statistics for Business and Economics](#) (5)
- PSY 2360 [Introduction to Statistics in Social and Behavioral Sciences](#) (5)
- SBS 2000 [Uganda: Stats of Public Health](#) (4.5)
- SOC 2360 [Introduction to Statistics in Social and Behavioral Sciences](#) (5)

Students who complete MAT 2561 must also complete its prerequisite course, MAT 1560, in order to fulfill the Exploratory Curriculum WKQR requirement.

Ways of Knowing in the Fundamental Sciences (5 credits)

“Ways of Knowing in the Fundamental Sciences” courses provide you a variety of ways to explore the scientific world. Through these courses you develop foundational knowledge in a scientific discipline and gain an understanding of basic scientific principles and the scientific method.

Choose from the following courses:

- BIO 1101 [Biological Fundamentals](#) (5)
- BIO 1106 [Ecological Fundamentals](#) (5)
- BIO 1121 [Coral Reef Ecology](#) (5)
- BIO 1145 [Oceanography](#) (5)
- BIO 2101 [General Biology](#) (5)
- BIO 2571 [Introduction to Biology](#) (5)
- CHM 1100 [Introduction to Chemistry](#) (5)
- CHM 1100L [Introduction to Chemistry Lab](#) ()
- CHM 1211 [General Chemistry I](#) (5)
- CHM 1211L [General Chemistry I Lab](#) ()

- CHM 1310 [Survey of General Chemistry](#) (5)
- CHM 1310L [Survey of General Chemistry Lab](#) (1)
- PHY 1101 [General Physics](#) (5)
- PHY 1111 [University Scholars Physics](#) (5)
- PHY 1121 [Physics for Science and Engineering](#) (5)
- PHY 1135 [Astronomy: Individual and the Universe](#) (5)
- PHY 1140 [The Physics of Sound](#) (5)
- PHY 1142 [Earth System Science](#) (5)

Ways of Knowing in the Applied Sciences (5 credits)

“Ways of Knowing in the Applied Sciences” courses allow you to explore how scientific knowledge is used to serve communities and engage the natural world. In these classes, you learn to apply scientific principles through critical thinking and to articulate the relationship between science and the Christian faith.

Choose from the following courses:

- BIO 1103 [Applications of Biology](#) (5)
- BIO 1104 [Environmental Science](#) (5)
- BIO 1105 [Marine Restoration Ecology](#) (5)
- BIO 1107 [Introduction to Forensic Science](#) (5)
- BIO 1123 [Humans and Coral Reefs](#) (5)
- BIO 2103 [General Biology](#) (5)
- BIO 2129 [Human Anatomy and Physiology](#) (5)
- CHM 1110 [Introduction to the Nature of Science](#) (5)
- CHM 2410 [Environmental Chemistry and Sustainability](#) (5)
- CSC 1010 [Science and Technology](#) (5)
- CSC 1130 [Beginning Programming](#) (5)
- CSC 1230 [Problem Solving and Programming](#) (5)
- CSC 2230 [Computer Programming for Engineers](#) (5)
- EE 1014 [Electric Vehicle for Everyone](#) (5)
- EGR 1010 [Science and Technology: How Things Work](#) (5)
- FCS 2340 [Nutrition Science and Malnutrition](#) (5)
- PHY 1110 [Introduction to the Nature of Science](#) (5)
- PHY 2567 [Development of Concepts in Physical Science I](#) (3)
- PHY 2568 [Development of Concepts in Physical Science II](#) (4)
- PHY 3311 [Experimental Methods I](#) (3)
- PHY 3312 [Experimental Methods II](#) (3)

Ways of Knowing in the Social Sciences (5)

“Ways of Knowing in the Social Sciences” courses introduce you to the scientific study of human beings at the individual and societal levels. Through these courses, you engage in value-based interaction with social sciences

individual and societal levels. Through these courses, you engage in value-based interaction with social science materials as you develop analytical skills and knowledge in the search for truth via the social sciences.

Choose from the following courses:

- ANT 2250 [Cultural Anthropology](#) (5)
- ASIA 2417 [Religious Traditions of Asia](#) (5)
- CRIM 1110 [Introduction to Criminal Justice](#) (5)
- ECN 2101 [Principles of Microeconomics](#) (5)
- ECN 2102 [Principles of Macroeconomics](#) (5)
- GDEV 2001 [Development Issues in International Setting](#) (5)
- HIS 1357 [The Game of Life: World War II](#) (5)
- HIS 1490 [Life and Death in World Cities](#) (5)
- HIS 1734 [War on Terror: History of Our Lives](#) (5)
- HIS 2417 [Religious Traditions of Asia](#) (5)
- HIS 2491 [Origins of Western Science](#) (5)
- HIS 2492 [The Founding of Modern Science](#) (5)
- HIS 2502 [The United States to 1876](#) (5)
- HIS 2503 [The United States Since 1876](#) (5)
- HON 2000 [Honors Core: Culture and Social Systems](#) (5)
- MA 3001 [Australia Studies: View from Australia](#) (6)
- POL 1110 [Introduction to Politics](#) (5)
- POL 1120 [American Government and Politics](#) (5)
- POL 2330 [International Relations](#) (5)
- PSY 1180 [General Psychology: Individual in Growth](#) (5)
- PSY 1181 [General Psychology: A Health Sciences Approach](#) (5)
- SBS 4912 [Middle East Seminar: People and Cultures](#) (4.5-6)
- SOC 1110 [Introduction to Sociology](#) (5)

WHO WE ARE

In the School of Theology, we embrace a threefold model of theological education that we call “Academy, Abbey, Apostolate®.”

The interplay of scholarship, spiritual edification, and service — all informed by our Wesleyan heritage that joins “knowledge and vital piety” as a means of changing the world — defines a vision that distinguishes SPU among theology schools and seminaries.

OUR MISSION

The School of Theology at Seattle Pacific University aspires to embody God's diverse kingdom, equipping the people of God to be transformative agents in the world through the gospel of Jesus Christ and the power of the Holy Spirit.

LEARNING OUTCOMES

Student Learning Outcome 1

Students will demonstrate an understanding of the Christian tradition and develop skills of theological reflection.

Student Learning Outcome 2

Students will demonstrate an understanding of the Bible as Scripture and develop skills and practices of biblical interpretation that illustrate a discerning use of Scripture.

Student Learning Outcome 3

Students will demonstrate an understanding of the principles and skills that are essential to serve and lead as agents of reconciliation in diverse settings.

Student Learning Outcome 4

Students will demonstrate an understanding of the dynamics and practices of nurturing their own Christian faith and the Christian faith of others.

Degree Requirements

URBAN STUDIES MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
SOC 2620 Urban Sociology	CUE	5
CRIM 3360 Mapping Crime: Geographic Info	UD	3
SECTION CREDITS REQUIRED		8

ELECTIVES (INCLUDING UD TO REACH 15)

Course	Attributes	Credits
ECN 3231 Urban Economics (5)	UD	22
FCS 3710 Housing and Community (5)	W, UD	
FCS 3716 Affordable Housing (5)	UD, WE	
HIS 1490 Life & Death in World Cities (5)	WKSS	
HIS 3786 Nation City&Identity in China (5)	UD, WE	
POL 3677 Urban Politics (5)	UD, WE	
SOC 2351 Livng on Margins: Global South (5)	WE	
SOC 3105 Community Development (5)	UD	
SOC 3215 Soc Inequality:Power & Privilge (5)	UD, CUE	
SOC 3320 Homelessness in America (5)	UD	
SOC 3862 Race and Ethnicity (5)	UD, CUE	
THEO 2620 Intro to Global & Urban Mnstry (5)	CUE	
THEO 4620 Interpreting the City (5)	UD	
URB 4940 Internship (1-5)	UD	
SECTION CREDITS REQUIRED		22
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

CRIMINAL JUSTICE (BA)

66 Credits Minimum, Including 30 Upper Division (UD)

REQUIRED CORE

Course	Attributes	Credits
CRIM 1110 Intro to Criminal Justice	WKSS	5
CRIM 2360 Intro to Stats Soc & Behav Sci (5) SOC 2360 Intro to Stats Soc & Behav Sci (5)	WKQR WKQR	5
CRIM 2510 Criminology (5) SOC 2510 Criminology (5)	- -	5
CRIM 3111 Policing and Communities	UD	5
CRIM 3212 Criminal Law and Procedures	W, UD	5
CRIM 3313 Prisons and Corrections	UD	5
CRIM 3360 Mapping Crime: Geographic Info	UD	3
CRIM 4899 Capstone: Alternative Justice	W, UD	3
SECTION CREDITS REQUIRED		36

ELECTIVES

Course	Attributes	Credits
BIO 1107 Intro to Forensic Science (5)	WKAS	10
CRIM 3170 Juvenile Delinquency (5)	UD	
CRIM 4250 Law, Injustice, Social Change (5)	UD	
SOC 4250 Law, Injustice&Social Change (5)	UD	
CRIM 4870 Serial Killers and Psychopaths (3)	UD	
CRIM 4940 Internship (1-5)	UD	
PSY 3360 Psychological Disorders (5)	UD	
SOC 3370 Sociology of Deviance (5)	UD	
SOC 3650 Border Crossings: Imm,Refugees (5)	UD	
SOC 4620 Sects, Cults & Violence (5)	UD	
SECTION CREDITS REQUIRED		10

CONTEXTS

Course	Attributes	Credits
COM 4180 Cultural Communication (5)	UD, CUE	

PSY 2200 Community Psychology (5)	-	
SOC 2000 Sociology of Gender (5)	-	
SOC 2620 Urban Sociology (5)	CUE	
SOC 3105 Community Development (5)	UD	15
SOC 3215 Soc Inequality:Power & Privilge (5)	UD, CUE	
SOC 3320 Homelessness in America (5)	UD	
SOC 3372 Explaining Evil (5)	UD, WE	
SOC 3862 Race and Ethnicity (5)	UD, CUE	
SECTION CREDITS REQUIRED		15

ETHICS

Course	Attributes	Credits
COM 3160 Conflict Management (5)	UD	
PHI 1002 Ethics and the Good Life (5)	WKH	5
PHI 3651 Contemporary Ethical Theory (5)	W, UD	
THEO 3510 Theology, Culture, and Society (5)	UD	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		66

Degree Requirements

SOCIAL JUSTICE&CULTURAL STUDIES: PRE-LAW HUMAN RIGHTS&POLICY

65 Credits Minimum, Including 25 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
SJC 1000 Introduction to Justice	-	5
ENG 2248 International Fiction (5) ENG 3334 US Multi-Ethnic Literature (5)	WKH, CUE UD, WKH, CUE	5
SJC 3510 Theology, Culture, and Society (5) THEO 3510 Theology, Culture, and Society (5)	UD UD	5
SJC 4899 Race, Representation, and Law	UD	5
SECTION CREDITS REQUIRED		20

CULTURAL STUDIES

Course	Attributes	Credits
ART 3606 Cross-Cultural Encounters (5) ENG 2234 Literature by Women (5) ENG 3004 Literature, Gender & Sexuality (5) ENG 3332 African-American Literature (5) ENG 3339 U.S. Latinx Literature (5) ENG 3380 African Literature (5) ENG 3381 Middle Eastern Literature (5) ENG 3382 South Africa (5) SJC 3382 South Africa (5) ENG 3383 Arab Spring (5) SJC 3383 Arab Spring (5) ENG 3384 Empires of Asia (5) FCS 3875 Appearance and Culture (3)	W, UD, WE, CUE WKH UD W, UD W, UD W, UD, CUE W, UD, CUE UD, WE, CUE UD, WE, CUE W, UD, WE, CUE W, UD, WE, CUE W, UD, CUE W, UD	10
SECTION CREDITS REQUIRED		10

SYSTEMS AND HISTORIES

Course	Attributes	Credits
BIO 1106 Ecological Fundamentals (5) BIO 3615 Issues and Values in Biology (3) HIS 3720 Rise of Islamic Civilization (5) HIS 3725 Women and Gender in MidEast (3) HIS 3726 Modern Middle East (5)	WKFS W, UD, WE W, UD, WE, CUE W, UD, CUE UD, WE	

HIS 3730 Modern Middle East (5)	UD, WE	
HIS 3765 Traditional East Asia (5)	W, UD, WE	
HIS 3785 East Asian Modernities (5)	W, UD, WE	
HIS 3790 History of Africa (5)	UD, WE	5
POL 2330 International Relations (5)	WKSS, CUE	
SOC 3215 Soc Inequality:Power & Privlge (5)	UD, CUE	
SOC 3750 Latin America (5)	UD, CUE	
SOC 3862 Race and Ethnicity (5)	UD, CUE	
SOC 4210 Gender in the Global Context (5)	UD, CUE	
THEO 3331 Women in Christianity (5)	UD	
WST 2350 Introductn to Women's Studies (5)	CUE	
SECTION CREDITS REQUIRED		5

PRE-LAW, HUMAN RIGHTS & POLICY

Course	Attributes	Credits
COM 2323 Argumentation:Art of Inference (5)	-	
FCS 3710 Housing and Community (5)	W, UD	
HIS 3356 The Holocaust (5)	UD, CUE	
HIS 3366 Holocaust in Prague:Jewish Exp (5)	UD, WE, CUE	
HIS 3448 History of Forced Migration (5)	UD, CUE	
HSC 4700 Issues in Global Health (3)	UD	
POL 3330 Global Women's Issues (5)	UD, WE, CUE	15
POL 3400 International Organizations (3)	UD, CUE	
POL 4452 International Law (3)	UD, CUE	
PPHS 4600 Contemporary Issues-Medicine (3)	W, UD	
SOC 2360 Intro to Stats Soc & Behav Sci (5)	WKQR	
SOC 3650 Border Crossings: Imm,Refugees (5)	UD	
SOC 3862 Race and Ethnicity (5)	UD, CUE	
SOC 4210 Gender in the Global Context (5)	UD, CUE	
SECTION CREDITS REQUIRED		15

Advisor-Approved Electives	10
Advisor-Approved Experiential Learning	5
MINIMUM TOTAL CREDITS REQUIRED	65

Degree Requirements

WOMEN'S STUDIES MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

CORE REQUIREMENTS (6-10 CREDITS)

Course	Attributes	Credits
WST 2350 Introductn to Women's Studies	CUE	5
WST 4940 Internship (1-5)	UD	1
WST 4960 Independent Project (1-5)	UD	
SECTION CREDITS REQUIRED		6

ELECTIVES: SELECT 20-24 CREDITS, TO TOTAL 30-CR W/ 15 UD-CR

Course	Attributes	Credits
ANT 2250 Cultural Anthropology (5)	WKSS, CUE	20
BIO 3898 Women in Science (2)	UD	
COM 1101 Intro to Interpersonal Commun (5)	WKH	
ENG 2234 Literature by Women (5)	WKH	
ENG 2248 International Fiction (5)	WKH, CUE	
ENG 3332 African-American Literature (5)	W, UD	
ENG 3334 US Multi-Ethnic Literature (5)	UD, WKH, CUE	
ENG 3339 U.S. Latinx Literature (5)	W, UD	
ENG 3351 Victorian Literature (5)	W, UD	
ENG 3381 Middle Eastern Literature (5)	W, UD, CUE	
ENG 3382 South Africa (5)	UD, WE, CUE	
SJC 3382 South Africa (5)	UD, WE, CUE	
ENG 3384 Empires of Asia (5)	W, UD, CUE	
FCS 2252 Marriage and the Family (5)	-	
SOC 2252 Marriage and the Family (5)	-	
FCS 3240 Individual & Family Developmnt (5)	UD	
FCS 3280 Children and Families (5)	UD, CUE	
FCS 3321 Nutrition through Life Cycle (3)	UD	
FCS 4280 Global Work and Family (5)	UD	
HIS 1490 Life & Death in World Cities (5)	WKSS	
HIS 3358 Race Sexuality Religion Europe (3)	W, UD	
HIS 3366 Holocaust in Prague:Jewish Exp (5)	UD, WE, CUE	
HIS 3725 Women and Gender in MidEast (3)	W, UD, CUE	
HIS 3765 Traditional East Asia (5)	W, UD, WE	
HSC 3000 Issues in Women's Health (3)	UD, WE	
HSC 3035 Human Sexuality (3)	UD, WE	
POL 3330 Global Women's Issues (5)	UD, WE, CUE	
SOC 2000 Sociology of Gender (5)	-	

SOC 3105 <u>Community Development</u> (5)	UD	
SOC 3215 <u>Soc Inequality:Power & Prvlge</u> (5)	UD, CUE	
SOC 4210 <u>Gender in the Global Context</u> (5)	UD, CUE	
SOC 4252 <u>Sociology of Family</u> (5)	UD	
SOC 4910 <u>Seminar</u> (1-5)	UD	
THEO 2730 <u>Intro:Christian Reconciliation</u> (5)	WE, CUE	
THEO 3331 <u>Women in Christianity</u> (5)	UD	
THEO 3510 <u>Theology, Culture, and Society</u> (5)	UD	
SECTION CREDITS REQUIRED		20
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

CHRISTIAN THEOLOGY (BA)

60 Credits Minimum, Including 30 Upper Division (UD)

FIRST COURSE

Course	Attributes	Credits
THEO 2721 Foundations of Spiritual Life (3)	WE	3
THEO 2735 Christian Discipleship (3)	-	
SECTION CREDITS REQUIRED		3

FRAMING COURSEWORK

Course	Attributes	Credits
THEO 2400 Seeing God in our World	-	5
THEO 3110 Torah/Pentateuch: O.T. Gospel (5)	W, UD	5
THEO 3210 Four Gospels and One Jesus (5)	W, UD	
THEO 2620 Intro to Global & Urban Mnstry (5)	CUE	5
THEO 2710 Foundations for Educ Ministry (5)	-	
THEO 2730 Intro:Christian Reconciliation (5)	WE, CUE	
SECTION CREDITS REQUIRED		15

FOCUS CORE: CHRISTIAN HERITAGE

Course	Attributes	Credits
THEO 3301 Ancient&Medieval Christianity (5)	UD	5
THEO 3302 Reformatn & Modrn Christianity (5)	UD	
THEO 3303 Christianity in America (5)	UD	
THEO 3305 Science & The Reformation (5)	UD, WE	
THEO 3331 Women in Christianity (5)	UD	
SECTION CREDITS REQUIRED		5

FOCUS CORE: CHRISTIAN SCRIPTURE

Course	Attributes	Credits
THEO 3250 Biblical Texts:Old Testament (5)	UD	5
THEO 3255 Biblical Texts: New Testament (5)	UD	
THEO 3260 Biblical Topics (5)	UD, WE	
THEO 4100 Biblical Ethics (5)	W, UD	
THEO 4290 Biblical Theology (5)	W, UD	

SECTION CREDITS REQUIRED	5
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FOCUS CORE: CHRISTIAN THEOLOGY

Course	Attributes	Credits
THEO 3401 Exploring Christian Theology (5)	UD, WE	5
THEO 3403 History & Theology of Christian Worship (3)	UD, WE	
THEO 3500 Christ and Culture (2)	UD	
THEO 3501 Christian Ethics (5)	UD	
THEO 3510 Theology, Culture, and Society (5)	UD	
THEO 3540 Creation Care (5)	UD, WE	
THEO 4401 Representative Theologies (5)	W, UD	
THEO 4402 Wesleyan Theology (5)	W, UD	
SECTION CREDITS REQUIRED	5	

FOCUS CORE: CHRISTIAN MINISTRY

Course	Attributes	Credits
THEO 3601 Multi-Ethnic Ministry (3)	UD, CUE	5
THEO 3610 Living in Another Culture (3)	UD	
THEO 3630 Holistic Ministry (3)	W, UD	
THEO 3640 Cross-Cultural Ministry (3)	UD, CUE	
THEO 3710 Human Devlp & Christian Faith (5)	UD	
THEO 3715 Yth Cultures & Christian Faith (3)	UD, CUE	
THEO 3722 Christian Disciplines (2)	UD	
THEO 3730 Foundations of Youth Ministry (3)	UD	
THEO 3732 Current Issues in Youth Min (3)	UD	
THEO 3733 Small Group Dynamics (3)	UD	
THEO 3734 Spiritual Friendship (3)	UD	
THEO 3735 Youth Min as Mission & Evangelism (3)	UD, WE	
THEO 3780 Wesleyan Small Group: New Leader Training (1)	UD	
THEO 4602 Latin American Christianity (3)	UD, CUE	
THEO 4603 Asian/African Christianity (3)	UD, CUE	
THEO 4610 World Religions (3)	UD	
THEO 4620 Interpreting the City (5)	UD	
THEO 4720 Leadership in Ministry (5)	W, UD, WE	
THEO 4730 Advanced Topics in Reconciliation Studies (3)	UD	
THEO 4731 Child Development & Educational Ministry (3)	UD	
THEO 4733 Adult Development & Educational Ministry (3)	UD	
THEO 4735 Formative Christian Community (3)	UD	
THEO 4736 SoulJourn (3)	UD, WE, CUE	
THEO 4780 Leading a Wesleyan Small Group (1)	UD	
SECTION CREDITS REQUIRED	5	

FOCUS ELECTIVES (BELOW OR EXTRA FROM FOCUS CORE)

Course	Attributes	Credits
THEO 1201 Hebrew I (4)	-	

THEO 1201 Hebrew I (4)	-	
THEO 1202 Hebrew II (4)	-	
THEO 1203 Hebrew III (4)	-	
THEO 2720 Designing&Leadng Bible Studies (5)	-	
THEO 3100 Community Bible Study (2)	UD	17
THEO 4900 Independent Study (1-5)	UD	
THEO 4911 Worship Arts Leadership Semnr (3)	UD	
THEO 4930 Practicum (1-5)	UD	
THEO 4931 Worship Arts Leadership Pract (2)	UD	
THEO 4950 Special Topics (1-5)	UD	
SECTION CREDITS REQUIRED		17

FINAL COURSEWORK

Course	Attributes	Credits
THEO 4899 Christian Theology Capstone	UD	2
THEO 4940 Internship (3)	UD	3
THEO 4995 Thesis (3)	UD	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		60

ADDITIONAL REQUIREMENTS AND INFORMATION

- THEO 2720 can sub in Focus:Chrstn Min, if 30cr UD req is met

Accounting

[ACCT 2361](#) | [ACCT 2362](#) | [ACCT 3324](#) | [ACCT 3325](#) | [ACCT 3327](#) | [ACCT 3328](#) | [ACCT 3351](#) | [ACCT 3352](#) | [ACCT 3353](#) | [ACCT 3370](#) | [ACCT 4351](#) | [ACCT 4352](#) | [ACCT 4353](#) | [ACCT 4899](#) | [ACCT 4900](#) | [ACCT 4940](#) | [ACCT 4945](#) | [ACCT 4950](#) | [ACCT 4970](#)

ACCT 2361: FINANCIAL ACCOUNTING (5) Offerings

Makes clear the ways in which accounting is an information development and communication function that supports economic decision making, and prepares students for subsequent learning. Not recommended for first-quarter freshmen.

ACCT 2362: MANAGERIAL ACCOUNTING (5) Offerings

Develops basic concepts and skills for preparing accounting information for managerial decision-making purposes. Computer spreadsheet skills are required.

Prerequisites: ACCT 2361: C- or better AND (BUS 2700 can be taken concurrently: C- or better OR MAT 2700: C- or better) AND (BUS 1700 can be taken concurrently: D or better OR CSC 1123 can be taken concurrently: D or better OR Spreadsheets Competency (SBGE): P or better)

ACCT 3324: FEDERAL INCOME TAXATION (5) Offerings

Provides an introduction to the income tax structure and basic concepts of tax law relating to individual, corporate, partnership, and estate income taxation. Emphasizes a practical application of tax law enabling the student to understand and apply the concepts of income, exemptions, and deductions.

Attributes: Upper-Division **Restrictions:** Accounting Majors, Minors, Concentrations only. Freshman students are excluded. **Prerequisites:** ACCT 2361: C- or better

ACCT 3325: FEDERAL INCOME TAX II (5) Offerings

Strongly recommended for CPA exam eligibility. Continues the concepts studied in ACCT 3324 by examining the taxation of entities including S corporations, partnerships, limited liability companies, estates, and trusts. Emphasizes the tax aspects of the different forms of business entities and the planning involved in selecting the appropriate formation for conducting business. Typically offered: Alternate Years.

Attributes: Upper-Division **Restrictions:** Accounting Majors only. Freshman students are excluded. **Prerequisites:** ACCT 3324: D or better

ACCT 3327: COST ACCOUNTING (5) Offerings

Introduces basic principles of cost accounting as applied to materials, labor, and manufacturing overhead.

Attributes: Upper-Division **Restrictions:** Accounting Majors, Minors, Concentrations only. Freshman students are excluded. **Prerequisites:** ACCT 2362: C- or better

ACCT 3328: AUDITING (5) Offerings

Studies auditing theory, concepts, and practices used to evaluate evidence and attest to an entity's financial statements. Includes examination of the use of technology in the audit process, current issues in public accounting, and ethical considerations.

Attributes: Upper-Division **Restrictions:** Accounting Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** ACCT 3352 can be taken concurrently: C- or better

ACCT 3351: INTERMEDIATE ACCOUNTING I (5) Offerings

Studies the concepts and principles of accounting related to recognition, valuation, and classification of economic events. Includes issues related to the measurement of income.

Attributes: Upper-Division **Restrictions:** Accounting Majors, Minors, Concentrations only. Freshman students are excluded. **Prerequisites:** ACCT 2362: C- or better

ACCT 3352: INTERMEDIATE ACCOUNTING II (5) Offerings

Expands on concepts and principles introduced in ACCT 3351.

Attributes: Upper-Division **Restrictions:** Accounting Majors, Minors, Concentrations only. Freshman students are excluded. **Prerequisites:** ACCT 3351: C- or better

ACCT 3353: ADVANCED ACCOUNTING (5) Offerings

Continuation of 3352. Strongly recommended for CPA exam eligibility. Examines some intermediate accounting topics, business combinations, and miscellaneous topics. Typically offered: Alternate Years.

Attributes: Upper-Division **Restrictions:** Accounting Majors only. Freshman students are excluded. **Prerequisites:** ACCT 3352: C- or better

ACCT 3370: ACCOUNTING INFORMATION SYSTEMS (5) Offerings

Considers accounting information systems as part of the accounting and finance functions. Examines business processes, transaction processing, systems analysis, design, and development, data modeling, databases, internal control, advanced excel, and data analytics.

Attributes: Upper-Division **Restrictions:** Accounting Majors, Minors, Concentrations only. Freshman, Sophomore students are excluded. **Prerequisites:** ACCT 2362: C- or better

ACCT 4351: INTERNATIONAL ACCOUNTING (3) Offerings

Considers and analyzes financial accounting concepts relating to consolidated financial statements, translation of foreign financial statements, and accounting for foreign transactions, international financial reporting, and accounting for special entities. Recommended for CPA examination preparation.

Attributes: Cultural Understand&Engagement, Upper-Division **Restrictions:** Accounting, Business Administration, Global Development Studies Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** ACCT 2361: D or better AND ACCT 2362: D or better

ACCT 4352: ACCOUNTING LAW (3) Offerings

This is the second course in the business law series, recommended for accounting majors and those who have an interest in learning more about the topic of commercial law. It covers topics students will see on the Professional Responsibilities and Securities Regulation and Business Law portions of the CPA exam, particularly those not covered in BUS 2414 or those legal areas in which accounting students will benefit from a more in-depth treatment.

Attributes: Upper-Division **Restrictions:** Accounting Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** BUS 2414: D or better

ACCT 4353: GOVERNMENTAL AND NON-FOR-PROFIT ACCOUNTING (5) Offerings

This course provides an overview of the unique accounting and financial reporting for governmental and not for profit organizations.

This course provides an overview of the unique accounting and financial reporting for governmental and not-for-profit organizations. In addition, the course examines non-financial performance measures utilized to determine accomplishment of missional objectives.

Attributes: Upper-Division **Restrictions:** Accounting Majors only. Freshman, Sophomore students only.

Prerequisites: ACCT 3351: D or better

ACCT 4899: CAPSTONE: ACCOUNTING THEORY AND PROBLEMS (5) Offerings

Critically examines problem areas of current interest in financial accounting. Emphasizes investigating the "whys" behind today's generally accepted accounting principles and explores alternative approaches to the study and development of accounting theory. Several problems or contentious theoretical issues facing the accounting profession are examined in depth with the objective of having the student form a well-reasoned position on the matter.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.

Prerequisites: ACCT 3352: C- or better

ACCT 4900: INDEPENDENT STUDY - ACCOUNTING (1-5) Offerings

The student proposes a topic of current interest in business to a professor in the School of Business and Economics. The student meets with the professor to discuss a bibliography and rough drafts before turning in the final draft of a paper. In general, the number of pages of written work must be six times the number of credits, or there must be equivalent work in exams or other requirements. May be repeated for credit up to 5 credits.

Attributes: Upper-Division

ACCT 4940: INTERNSHIP (1-5) Offerings

Provides an opportunity for reflection on a student's internship experience. The internship, paid or unpaid, must have a minimum commitment of 10 hours/week or 100 hours during the quarter, be related to students' Accounting major and have provided opportunities for students to relate and apply principles of business, faith, service, and leadership to a professional business setting. Internship placements must be approved prior to the experience or permission will not be granted to register. Students must complete an internship learning contract and have it signed by their internship supervisor and the faculty sponsor.

Equivalents: ECN 4940 **Attributes:** Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

Prerequisites: BUS 2910: D or better

ACCT 4945: ADVANCED INTEGRATIVE INTERNSHIP (1-5) Offerings

Provides students the opportunity to specialize their applied learning to accounting issues and questions through individualized guidance with an accounting faculty sponsor; first-hand experience in their internship sites; academic research; and face-to-face interviews with professionals in the field. May be repeated for credit up to 6 credits.

Equivalents: BUS 4945, ECN 4945 **Attributes:** Upper-Division **Prerequisites:** BUS 4942: D or better OR (ACCT 4940: D or better OR ECN 4940: D or better OR BUS 4940: D or better)

ACCT 4950: SPECIAL TOPICS IN ACCOUNTING (1-5) Offerings

Explores selected topics in Accounting. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration Majors only.

ACCT 4970: RESEARCH IN ACCOUNTING TOPICS (5) Offerings

Focuses on research methodology and explores topics that examine ethical and behavioral concepts like integrity, honesty, justice, fairness, and social good within an accounting and business environment. The course will cover the mechanics of research methodology like how to develop a research question, how to conduct a literature review, how to identify theoretical constructs, how to operationalize theoretical constructs into measurable variables, how to choose the appropriate research methodology (i.e., archival, experimental) and how to write up a research proposal.

archival, experimental) and how to write up a research proposal.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Accounting Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** ACCT 3351: D or better

Degree Requirements

SOCIAL JUSTICE & CULTURAL STUDIES: ART FOR SOCIAL CHANGE

65 Credits Minimum, Including 25 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
SJC 1000 Introduction to Justice	-	5
ENG 2248 International Fiction (5) ENG 3334 US Multi-Ethnic Literature (5)	WKH, CUE UD, WKH, CUE	5
SJC 3510 Theology, Culture, and Society (5) THEO 3510 Theology, Culture, and Society (5)	UD UD	5
SJC 4899 Race, Representation, and Law	UD	5
SECTION CREDITS REQUIRED		20

CULTURAL STUDIES

Course	Attributes	Credits
ART 3606 Cross-Cultural Encounters (5) ENG 2234 Literature by Women (5) ENG 3004 Literature, Gender & Sexuality (5) ENG 3332 African-American Literature (5) ENG 3339 U.S. Latinx Literature (5) ENG 3380 African Literature (5) ENG 3381 Middle Eastern Literature (5) ENG 3382 South Africa (5) SJC 3382 South Africa (5) ENG 3383 Arab Spring (5) SJC 3383 Arab Spring (5) ENG 3384 Empires of Asia (5) FCS 3875 Appearance and Culture (3)	W, UD, WE, CUE WKH UD W, UD W, UD W, UD, CUE W, UD, CUE UD, WE, CUE UD, WE, CUE W, UD, WE, CUE W, UD, WE, CUE W, UD, CUE W, UD	10
SECTION CREDITS REQUIRED		10

SYSTEMS AND HISTORIES

Course	Attributes	Credits
BIO 1106 Ecological Fundamentals (5) BIO 3615 Issues and Values in Biology (3) HIS 3720 Rise of Islamic Civilization (5) HIS 3725 Women and Gender in MidEast (3) HIS 3726 Modern Middle East (5)	WKFS W, UD, WE W, UD, WE, CUE W, UD, CUE UD, WE	

HIS 3730 Modern Middle East (5)	UD, WE	
HIS 3765 Traditional East Asia (5)	W, UD, WE	
HIS 3785 East Asian Modernities (5)	W, UD, WE	
HIS 3790 History of Africa (5)	UD, WE	5
POL 2330 International Relations (5)	WKSS, CUE	
SOC 3215 Soc Inequality:Power & Privlge (5)	UD, CUE	
SOC 3750 Latin America (5)	UD, CUE	
SOC 3862 Race and Ethnicity (5)	UD, CUE	
SOC 4210 Gender in the Global Context (5)	UD, CUE	
THEO 3331 Women in Christianity (5)	UD	
WST 2350 Introductn to Women's Studies (5)	CUE	
SECTION CREDITS REQUIRED		5

ART FOR SOCIAL CHANGE

Course	Attributes	Credits
ART 1105 Art Foundations 1: Surface (5)	-	
ART 1107 Art Foundations 3: Time (5)	-	
ART 2205 Digital Photograpy (5)	-	
ART 3700 Experimental Video Art (5)	UD	
BUS 3682 Social Venture Planning (2)	UD	
ENG 2215 Imaginative Writing (3)	-	
ENG 3302 Writing Across Cultures (3-5)	W, UD, CUE	15
ENG 3311 Elements of Narrative (3)	UD	
ENG 3316 Workshop in Writing Poetry (3)	UD	
ENG 3317 Workshop in Writing Fiction (3)	UD	
ENG 3318 Creative Nonfiction (3)	W, UD	
FLM 3003 Documentary Film (5)	UD	
MUS 1200 Cultural Engagemnt through Mus (5)	CUE	
TRE 4760 Playwriting (5)	W, UD	
SECTION CREDITS REQUIRED		15

Advisor-Approved Electives	10
Advisor-Approved Experiential Learning	5
MINIMUM TOTAL CREDITS REQUIRED	65

Degree Requirements

SOCIAL JUSTICE & CULTURAL STUDIES: MEDIATION, PEACE&CONFLICT

65 Credits Minimum, Including 25 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
SJC 1000 Introduction to Justice	-	5
ENG 2248 International Fiction (5) ENG 3334 US Multi-Ethnic Literature (5)	WKH, CUE UD, WKH, CUE	5
SJC 3510 Theology, Culture, and Society (5) THEO 3510 Theology, Culture, and Society (5)	UD UD	5
SJC 4899 Race, Representation, and Law	UD	5
SECTION CREDITS REQUIRED		20

CULTURAL STUDIES

Course	Attributes	Credits
ART 3606 Cross-Cultural Encounters (5) ENG 2234 Literature by Women (5) ENG 3004 Literature, Gender & Sexuality (5) ENG 3332 African-American Literature (5) ENG 3339 U.S. Latinx Literature (5) ENG 3380 African Literature (5) ENG 3381 Middle Eastern Literature (5) ENG 3382 South Africa (5) SJC 3382 South Africa (5) ENG 3383 Arab Spring (5) SJC 3383 Arab Spring (5) ENG 3384 Empires of Asia (5) FCS 3875 Appearance and Culture (3)	W, UD, WE, CUE WKH UD W, UD W, UD W, UD, CUE W, UD, CUE UD, WE, CUE UD, WE, CUE W, UD, WE, CUE W, UD, WE, CUE W, UD, CUE W, UD	10
SECTION CREDITS REQUIRED		10

SYSTEMS AND HISTORIES

Course	Attributes	Credits
BIO 1106 Ecological Fundamentals (5) BIO 3615 Issues and Values in Biology (3) HIS 3720 Rise of Islamic Civilization (5) HIS 3725 Women and Gender in MidEast (3) HIS 3726 Modern Middle East (5)	WKFS W, UD, WE W, UD, WE, CUE W, UD, CUE UD, WE	

HIS 3730 Modern Middle East (5)	UD, WE	
HIS 3765 Traditional East Asia (5)	W, UD, WE	
HIS 3785 East Asian Modernities (5)	W, UD, WE	
HIS 3790 History of Africa (5)	UD, WE	5
POL 2330 International Relations (5)	WKSS, CUE	
SOC 3215 Soc Inequality:Power & Prvlge (5)	UD, CUE	
SOC 3750 Latin America (5)	UD, CUE	
SOC 3862 Race and Ethnicity (5)	UD, CUE	
SOC 4210 Gender in the Global Context (5)	UD, CUE	
THEO 3331 Women in Christianity (5)	UD	
WST 2350 Introductn to Women's Studies (5)	CUE	
SECTION CREDITS REQUIRED		5

MEDIATION, PEACE & CONFLICT RESOLUTION*

Course	Attributes	Credits
COM 3160 Conflict Management (5)	UD	
COM 4180 Cultural Communication (5)	UD, CUE	
COM 4607 Com Sem: Rhetoric of Dissent (5)	UD, CUE	
HIS 3358 Race Sexuality Religion Europe (3)	W, UD	
HIS 3444 Humanitarianism (5)	UD, CUE	
HIS 3445 Genocide: A Comparative Study (5)	UD, CUE	
HIS 3448 History of Forced Migration (5)	UD, CUE	
HIS 3765 Traditional East Asia (5)	W, UD, WE	
LIN 2100 Foundations of Language Study (5)	WKH	
LIN 4430 Sociolinguistics (5)	W, UD	15
HSC 4700 Issues in Global Health (3)	UD	
PHI 2222 Social Ethics (5)	WE	
PPHS 4600 Contemporary Issues-Medicine (3)	W, UD	
PSY 2200 Community Psychology (5)	-	
PSY 2210 Health Psychology (5)	-	
PSY 3410 Cross-Cultural Psychology (5)	UD, CUE	
SOC 2360 Intro to Stats Soc & Behav Sci (5)	WKQR	
SOC 3650 Border Crossings: Imm,Refugees (5)	UD	
THEO 3640 Cross-Cultural Ministry (3)	UD, CUE	
SECTION CREDITS REQUIRED		15

Advisor-Approved Electives	10
Advisor-Approved Experiential Learning	5
MINIMUM TOTAL CREDITS REQUIRED	65

ADDITIONAL REQUIREMENTS AND INFORMATION

- *ENG/SJC 3382 may count here if not used elsewhere

Anthropology

[ANT 1110](#) | [ANT 2250](#) | [ANT 3000](#) | [ANT 4900](#) | [ANT 4920](#) | [ANT 4970](#)

ANT 1110: GENERAL ANTHROPOLOGY (5) Offerings

Provides a survey of the sub-disciplines that make up anthropology: physical anthropology, archeology, and cultural anthropology. A cross-cultural study of the physical and cultural changes experienced by humankind in response to a continuous process of adaptation, change, and development.

ANT 2250: CULTURAL ANTHROPOLOGY (5) Offerings

Focuses upon the comparative study of human cultures: technological, economical, social, political, and religious systems, with examples drawn from selected cultures of the world.

Attributes: Cultural Understand&Engagement, WK Social Sciences

ANT 3000: INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY (5) Offerings

Introduces basic principles for understanding humans from a biological perspective. This course is a comprehensive introduction to the field of biological anthropology. Explores topics of human and non-human primate genetics, behavior, and evolution, as well as human ecology and medical anthropology. Typically offered: Autumn.

Equivalents: BIO 3000 **Attributes:** Cultural Understand&Engagement, Upper-Division, Ways of Engaging

Restrictions: Freshman, Sophomore students are excluded. **Prerequisites:** BIO 1101: C- or better OR BIO 1103: C- or better OR BIO 2103: C- or better OR BIO 2570: C- or better

ANT 4900: INDEPENDENT STUDY (1-5) Offerings

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

ANT 4920: READINGS IN SELECTED FIELDS (1-5) Offerings

May be repeated for credit up to 14 credits.

Attributes: Upper-Division

ANT 4970: INDEPENDENT RESEARCH (1-5) Offerings

May be repeated for credit up to 30 credits.

Attributes: Upper-Division

Art

[ART 1102](#) | [ART 1105](#) | [ART 1106](#) | [ART 1107](#) | [ART 1180](#) | [ART 1205](#) | [ART 2102](#) | [ART 2201](#) | [ART 2205](#) | [ART 2302](#) | [ART 2421](#) | [ART 2422](#) | [ART 2502](#) | [ART 2602](#) | [ART 2603](#) | [ART 2722](#) | [ART 2950](#) | [ART 3101](#) | [ART 3113](#) | [ART 3200](#) | [ART 3201](#) | [ART 3202](#) | [ART 3204](#) | [ART 3205](#) | [ART 3302](#) | [ART 3303](#) | [ART 3315](#) | [ART 3421](#) | [ART 3422](#) | [ART 3502](#) | [ART 3503](#) | [ART 3507](#) | [ART 3546](#) | [ART 3605](#) | [ART 3606](#) | [ART 3608](#) | [ART 3610](#) | [ART 3611](#) | [ART 3612](#) | [ART 3613](#) | [ART 3700](#) | [ART 3722](#) | [ART 3800](#) | [ART 3900](#) | [ART 4101](#) | [ART 4205](#) | [ART 4207](#) | [ART 4209](#) | [ART 4210](#) | [ART 4212](#) | [ART 4302](#) | [ART 4421](#) | [ART 4422](#) | [ART 4501](#) | [ART 4507](#) | [ART 4722](#) | [ART 4896](#) | [ART 4897](#) | [ART 4898](#) | [ART 4899](#) | [ART 4900](#) | [ART 4920](#) | [ART 4930](#) | [ART 4943](#) | [ART 4950](#) | [ART 4966](#) | [ART 4968](#) | [ART 4969](#)

ART 1102: DRAWING STUDIO: OBSERVATION AND REALISM (5) Offerings

Emphasizes sighting techniques for observational drawing of still life, interiors/exterior, and the human figure. Covers techniques in class such as contour line, schematic systems and sighting techniques for accuracy in scale and proportion, perspective by eye, value and light logic, schematic approaches for drawing the human form. Investigates assumptions, methodologies, and skills unique to the discipline and focuses on creating, responding to, and analyzing artworks. Designed for intended art majors or minors or others with previous drawing experience.

Attributes: WK Arts **Fees:** Art Course Fee

ART 1105: ART FOUNDATION 01: SURFACE (5) Offerings

Applies the elements and principles of visual arts and design to two-dimensional projects in a variety of media emphasizing practical design problems. Emphasizes two-dimensional design using digital tools, theoretical development, and vocational exploration in the visual arts.

Restrictions: Art, Art-INT, Soc Justice/Cultural Studies, Visual Arts, Visual Communication, Visual Communication-INT Majors only. **Fees:** Art Course Fee

ART 1106: ART FOUNDATIONS 2: SPACE (5) Offerings

Applies the elements and principles of visual arts and design to three-dimensional projects in a variety of media emphasizing practical design problems. Emphasizes three-dimensional design.

Restrictions: Art, Art-INT, Visual Arts, Visual Communication, Visual Communication-INT Majors only. **Fees:** Art Course Fee

ART 1107: ART FOUNDATIONS 3: TIME (5) Offerings

Applies the elements and principles of visual arts and design to time based and digital projects in a variety of media emphasizing practical design problems. Emphasizes time based and digital design.

Restrictions: Art, Art-INT, Film Studies, Soc Justice/Cultural Studies, Visual Arts, Visual Communication, Visual Communication-INT Majors only. **Fees:** Art Course Fee

ART 1180: VISUAL LITERACY (5) Offerings

Introduces and analyzes visual forms through lecture, observation, and discussion. The nature of the visual arts is explored from the vantage points of the artist and viewer/critic. Investigates assumptions, methodologies, and skills unique to the discipline and focuses on creating, responding to, and analyzing artworks.

Attributes: WK Arts

ART 1205: DESIGN STUDIO - COLOR (5) [Offerings](#)

The aim of this course is to teach students basic and advanced levels of color theory. Students will learn about the vocabulary of color, history of color theory, basics of color physics, and be introduced to the communicative and psychological effects of color. CMYK and RGB color formulas for print and web media will be introduced. Students will work with both paint and computer systems.

Fees: Art Course Fee

ART 2102: DRAWING STUDIO: DESIGN AND PERSPECTIVE (5) [Offerings](#)

Provides a rigorous introduction, and in-depth exploration, of design drawing systems that simulate 3D space. Techniques covered are used by artists, designers, and illustrators and include: orthographic projection, parallel drawing, and linear perspective.

Restrictions: Art, Art-INT, Clothing and Textiles, Interior Design, Visual Arts, Visual Communication, Visual Communication-INT Majors only. **Fees:** Art Course Fee

ART 2201: DIGITAL LAB 1: INTRODUCTION TO INTERACTIVE MEDIA (3) [Offerings](#)

Introduction to interactive media and user-centered design technologies, theories, research and methodologies.

Restrictions: Visual Communication Majors only. **Fees:** Art Course Fee

ART 2205: DIGITAL PHOTOGRAPHY (5) [Offerings](#)

Exploration of traditional and digital methods of capturing images for refinement, manipulation, or reference.

Restrictions: Art, Photography / Digital Media, Soc Justice/Cultural Studies, Visual Arts, Visual Communication Majors only. **Prerequisites:** ART 1105: D or better AND ART 1107: D or better **Fees:** Art Course Fee

ART 2302: PAINTING STUDIO: STILL LIFE - OIL (5) [Offerings](#)

Emphasizes rendering and modeling techniques in oil paint to accurately create a 3D illusion. Focuses on volume of primary forms. A conceptual component of the class will focus on the iconology of still life resonant with meaning in the history of painting.

Attributes: WK Arts **Fees:** Art Course Fee

ART 2421: PRINTMAKING STUDIO (5) [Offerings](#)

Introductory studies in matrix based art making. Students will explore projects in several printmaking media including relief, serigraphy, lithography, and monoprint. Investigates assumptions, methodologies, and skills unique to the discipline and focuses on creating, responding to, and analyzing artworks. Extra Fee.

Attributes: WK Arts **Fees:** Art Course Fee

ART 2422: METALS STUDIO (5) [Offerings](#)

Teaches the raising, soldering, and forging of metals into utensils and decorative forms such as jewelry. Emphasizes fabrication. Investigates assumptions, methodologies, and skills unique to the discipline and focuses on creating, responding to, and analyzing artworks.

Attributes: WK Arts **Fees:** Art Course Fee

ART 2502: ILLUSTRATION (5) [Offerings](#)

Introduction to the various problems, materials, techniques, and processes utilized in professional illustration.

Restrictions: Art, Visual Arts, Visual Communication Majors only. **Prerequisites:** ART 1105: D or better AND ART 1107: D or better **Fees:** Art Course Fee

ART 2602: THE WESTERN VISUAL TRADITION I: ANCIENT AND MEDIEVAL ART (5) Offerings

Survey course treating Western Art (and its major Eastern influences) from Ancient Egypt through the late Middle Ages. Explores both the history of Art and the unique facets of the artistic process.

Attributes: WK Arts

ART 2603: THE WESTERN VISUAL TRADITION II: ART SINCE THE RENAISSANCE (5) Offerings

Survey course treating Western art from the Renaissance until the middle twentieth century. Explores both the history of Art and the unique facets of the artistic process.

Attributes: WK Arts

ART 2722: SCULPTURE STUDIO (5) Offerings

Prerequisite: ART 1203 or ART 1106. Studies of three-dimensional form and composition with emphasis placed on installation art as a vehicle for exploration. Additive and subtractive methods are utilized in the realization of comprehensive form and experience.

Attributes: WK Arts **Fees:** Art Course Fee

ART 2950: SPECIAL TOPICS (1-5) Offerings

Studies various topics. May be repeated for credit up to 5 credits.

ART 3101: DIGITAL PHOTOGRAPHY 2 (5) Offerings

Addresses lighting techniques for both interior and exterior environments, Interior & Exterior contextualization, output options for print and screen, building narratives through choice of subject matter, positioning in space, and relationships between subjects. Utilizes editing techniques in Adobe Photoshop, organizing and archiving images, and exposure to theoretical and historical precedents.

Attributes: Upper-Division **Restrictions:** Art, Art-INT, Visual Arts Majors only. Freshman students are excluded. **Prerequisites:** ART 1107: D or better AND ART 2205: D or better

ART 3113: DRAWING STUDIO: BEGINNING FIGURE (5) Offerings

Provides an introduction to figure drawing for beginning students who want to develop sound drawing and observational skills in life drawing. Stresses anatomical observation focusing on an understanding of skeletal structure and musculature. Composition and lighting are also highlighted during class discussions.

Attributes: Upper-Division **Restrictions:** Apparel Design, Art, Clothing and Textiles, Interior Design, Interior Design-INT, Visual Arts Majors only. Freshman students are excluded. **Prerequisites:** ART 1102: D or better **Fees:** Art Course Fee

ART 3200: TYPE LAB: INTRODUCTION TO TYPOGRAPHY (3) Offerings

Introduces the communicative, symbolic and associative aspects of typography. Emphasizes the strategic use of typography as a primary design element.

Attributes: Upper-Division **Restrictions:** Visual Communication Majors only **Fees:** Art Course Fee

Attributes: Upper-Division **Restrictions:** Visual Communication Majors Only. **Fees:** Art Course Fee

ART 3201: DIGITAL LAB 2: INTERACTIVE MEDIA I (5) Offerings

Introduction to the tools, processes, and strategies for time-based media. Concentration on fundamental properties of the electronic environment, along with development of appropriate skill base.

Attributes: Upper-Division **Restrictions:** Visual Communication Majors only. **Fees:** Art Course Fee

ART 3202: VISUAL COMMUNICATION I: FORM (5) Offerings

Exploration of creative ideas, resources, digital processes, media, and terminology in the development of visual communication solutions.

Attributes: Upper-Division **Restrictions:** Visual Communication Majors only. **Fees:** Art Course Fee

ART 3204: VISUAL COMMUNICATION 2: APPLICATION (5) Offerings

Advance exploration of visual communication terminology, processes and methods of application.

Attributes: Upper-Division **Restrictions:** Visual Communication Majors only. **Fees:** Art Course Fee

ART 3205: TYPE LAB: APPLIED TYPOGRAPHY (3) Offerings

Teaches advanced application of typographic systems to both static and moving communication media.

Attributes: Upper-Division **Restrictions:** Visual Communication Majors only. **Fees:** Art Course Fee

ART 3302: PAINTING STUDIO: INTERIOR/EXTERIOR, SPACE/LANDSCAPE - OIL & ACRYLIC (3) Offerings

Explores new directions and interpretations of painting, including classical interiors, landscape, and environments. Also investigates imaginary and observational approaches. Typically offered: Occasionally.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** ART 1105: C- or better OR ART 1106: C- or better OR ART 1107: C- or better **Fees:** Art Course Fee

ART 3303: PAINTING STUDIO: FIGURE (5) Offerings

Explores the development of accurate proportion and structure of the human figure in oil paint by focusing on light and its application to the human form. Also examines the study of color, value, and the use of restricted palettes for a wide range of skin tones.

Attributes: Upper-Division **Restrictions:** Art, Visual Arts Majors only. Freshman students are excluded. **Prerequisites:** ART 1102: D or better AND ART 2302: D or better **Fees:** Art Course Fee

ART 3315: WATER BASED MEDIA (5) Offerings

Investigates a range of technical skills utilizing traditional and experimental uses of watercolor, gouache, acrylic, and mixed media.

Attributes: Upper-Division **Restrictions:** Art, Visual Arts Majors only. **Prerequisites:** ART 1102: D or better **Fees:** Art Course Fee

ART 3421: PRINTMAKING STUDIO - ADVANCED I (3) Offerings

Advanced studies in matrix based art making. Students will explore independent projects in several printmaking media including

intaglio, relief, serigraphy, lithography, and monoprint. Typically offered: Autumn, Winter, Spring.

Attributes: Upper-Division **Prerequisites:** ART 1105: D or better OR ART 1106: D or better OR ART 1107: D or better **Fees:** Art Course Fee

ART 3422: METALS STUDIO - ADVANCED I (5) Offerings

Teaches the raising, soldering, and forging of metals into utensils and decorative forms such as jewelry. Emphasizes forming.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** ART 2422: D or better **Fees:** Art Course Fee

ART 3502: IMAGE AND NARRATION (5) Offerings

Investigates various forms of representation and their application to narrative content. Projects will emphasize the process of working from text to visual image in the form of illustration, computer art, painting, handmade books, and interactive art pieces to tell stories using mixed media. This class encourages media experimentation as well as visual storytelling while applying a variety of drawing styles. May be repeated for credit 1 time.

Attributes: Upper-Division **Restrictions:** Art, Visual Arts Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** ART 1102: D or better OR ART 1105: D or better OR ART 1107: D or better **Fees:** Art Course Fee

ART 3503: DRAWING STUDIO CONCEPT AND COMPOSITION (3) Offerings

Encourages students to explore areas of expressive drawing and composition. Emphasizes development of personal, introspective image making. Focuses on storytelling and creative thinking processes - the "secret/unseen" realities of the subjects. Emphasizes inner/outer worlds and realities, assumptions versus fact and narrative illustration as well as exploration of various media in experimental applications. Also emphasizes the development of highly personal, introspective image making. Typically offered: Autumn, Winter, Spring.

Attributes: Upper-Division **Prerequisites:** ART 1102: C- or better OR ART 1105: C- or better OR ART 1106: C- or better OR ART 1107: C- or better **Fees:** Art Course Fee

ART 3507: ILLUSTRATION STUDIO: DIGITAL (5) Offerings

Focuses on digital illustration techniques for new and different uses of Adobe Illustrator. Students will develop digital rendering skills through a variety of skill based assignments. Course material covers: drawing skills and concepts toward characters and environments for editorial illustration, children's books, and graphic novels. Students also learn to create technical renderings of 3D objects and spaces.

Attributes: Upper-Division **Restrictions:** Art, Visual Arts Majors only. **Fees:** Art Course Fee

ART 3546: ART EDUCATION (3) Offerings

Discusses the principles and elements of art as related to a variety of media with direct application for the classroom. Special emphasis on the role of art in the curriculum and understanding the perceptual development of children. Studio periods will be augmented with lectures and discussion. Investigates assumptions, methodologies, and skills unique to the discipline and focuses on creating, responding to, and analyzing artworks.

Attributes: Upper-Division, WK Arts **Fees:** Art Course Fee

ART 3605: MODERN ART: IMAGE AND POWER (5) Offerings

In the modern period, important world events and social trends forever altered the Western world. Industrialization, globalization, class upheaval and challenges to traditional family structures changed the face of Western society. Amidst this upheaval, the Western visual culture rapidly changed. Familiar stereotypes developed. Powerful propaganda was created. Artists strove to imbue

their images with raw psychological power. In this class, we will explore the relationship between art and power in the 19th and 20th centuries. We will also consider the legacy of modern art for our 21st-century visual culture.

Attributes: Upper-Division, Ways of Engaging, Writing "W" Course **Restrictions:** Freshman students are excluded.

ART 3606: CROSS-CULTURAL ENCOUNTERS (5) Offerings

A critical examination of points of contact between the West and the "Other". We'll consider how colonial occupation, global economic expansion and technological advancement (particularly as pertaining to mass reproduction) have transformed Western visual culture. In the process we'll consider phenomena like japonisme and "primitivism", the ethics of museum display, and the politics of representation. Typically offered: Alternate Years.

Attributes: Cultural Understand&Engagement, Upper-Division, Ways of Engaging, Writing "W" Course
Restrictions: Freshman students are excluded.

ART 3608: ISSUES IN CONTEMPORARY ART AND VISUAL CULTURE (5) Offerings

To understand cultural trends it's essential to know how they began. What are the major trends in the art world today? When did they originate, and why? How are they related to things like politics, philosophy, technology, fashion, religion and entertainment? Is there any way to grasp the "big picture" of the contemporary art world? In this class, we'll combine gallery visits with lively class discussion in our effort to understand the landscape of art today.

Attributes: Cultural Understand&Engagement, Upper-Division, Ways of Engaging, Writing "W" Course

ART 3610: HISTORY OF GRAPHIC DESIGN/ILLUSTRATION (5) Offerings

Survey course of the histories of visual communication. Contemporary and historical issues, ideas, and designer/illustrator are studied as vehicles for historical advancement. Students will engage in learning communities to help broaden their perspective on the relationship between the histories of visual communication and how these perspectives translate into contemporary issues and cultural forms of communication. Students will look at historical case studies, their relevance and the way in which the designer/illustrator responded. In comparison, analyze how this type of response can be utilized and adjusted for contemporary strategies of communication.

Attributes: Upper-Division, Writing "W" Course

ART 3611: READING IMAGES: AN INTRODUCTION TO VISUAL STUDIES (3) Offerings

"Reading Images" is designed to acquaint students with the major historical and critical methods used for interpreting and explaining human visual expression. The course will place a strong emphasis on understanding and critiquing a range of postmodern theories. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course

ART 3612: READING URBAN SPACES: THE ETERNAL CITY (5) Offerings

A longstanding sacred and administrative center, the city of Rome has been shaped and reshaped by successive regimes to reflect social values, answer economic demands and program the lives of the populace. In this course, we will explore the neighborhoods of Rome, discuss ideological, aesthetic and functional uses of public space and learn to identify Rome's manifold archaeological strata, from the earliest subterranean remnants to the uppermost layers of the modern city.

Attributes: Upper-Division, Ways of Engaging, Writing "W" Course

ART 3613: READING SACRED SPACES: THE CHURCHES OF ROME (5) Offerings

As the administrative center of the Roman Catholic Church, the city of Rome boasts a wealth of ecclesiastical architecture, including world-famous buildings like St. Peter's basilica in Vatican City. In this course, we'll learn to identify the major styles of Roman church architecture, acquire understanding of church decorative programs and their political meanings, and discover the history informing

architecture, acquire an understanding of church decorative programs and their political meanings, and discover the history informing the evolution of the Roman church buildings from the simple basilicas of the Early Christian era to the Baroque fantasies of Rome's second Golden Age in the 16th century.

Attributes: Upper-Division, Ways of Engaging

ART 3700: EXPERIMENTAL VIDEO ART (5) [Offerings](#)

An introductory course in digital video within the context of the fine arts. Students will gain technical skills in camera usage, non-linear editing in Adobe Premiere, and basic sound and lighting along with conceptual development through creative projects. May be repeated for credit 1 time.

Attributes: Upper-Division **Restrictions:** Art, Film Studies, Photography / Digital Media, Soc Justice/Cultural Studies, Visual Arts, Visual Communication Majors only. **Prerequisites:** ART 1107: D or better **Fees:** Art Course Fee

ART 3722: SCULPTURE STUDIO - INSTALLATION ART II (3) [Offerings](#)

Studies in development of installation art from conceptualization to implementation. Includes traditional form building, assumptions, and technique.

Attributes: Upper-Division **Restrictions:** Art, Visual Arts Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** ART 2722: D or better **Fees:** Art Course Fee

ART 3800: FILM PRODUCTION (5) [Offerings](#)

This course will provide students with an understanding of the fundamentals of film production and will facilitate competency in writing, producing and editing fiction and nonfiction moving image production projects. Students will learn the craft of visual storytelling and the process of video production.

Equivalents: FLM 3800 **Attributes:** Upper-Division **Restrictions:** Communication, Film Studies Majors only. **Prerequisites:** ART 1107: D or better **Fees:** Art Course Fee

ART 3900: HISTORY OF PHOTOGRAPHY AND CRITICISM (3) [Offerings](#)

This course provides a historical overview of still photography. Students will learn about the evolution of the medium and key historical figures in diverse genres and approaches.

Attributes: Upper-Division **Restrictions:** Visual Arts, Visual Communication Majors only. Freshman, Junior, Sophomore students are excluded. **Fees:** Art Course Fee

ART 4101: ADVANCED PHOTOGRAPHY/DIGITAL STUDIO (3) [Offerings](#)

A studio course focused on portfolio development, professional practices and research.

Attributes: Upper-Division **Prerequisites:** ART 3101: D or better

ART 4205: VISUAL COMMUNICATIONS 3: PROGRAMS/CASE STUDIES (5) [Offerings](#)

Develop and apply a comprehensive visual language for a series of communication devices supporting a campaign, conference or event.

Attributes: Upper-Division **Restrictions:** Visual Communication Majors only. **Fees:** Art Course Fee

ART 4207: VISUAL COMMUNICATIONS 4: INFORMATION DESIGN (5) [Offerings](#)

Explores theoretical, practical and developmental aspects of information design. Develops systematic approaches to visually

explores theoretical, practical and developmental aspects of information design. Develops systematic approaches to visually communicating complex statistics and data.

Attributes: Upper-Division **Restrictions:** Visual Communication Majors only. **Fees:** Art Course Fee

ART 4209: VISUAL COMMUNICATIONS 5: EXPERIENCE DESIGN (5) Offerings

Explores the intersection between design, technology, spatial context and how the user experiences information.

Attributes: Upper-Division **Restrictions:** Visual Communication Majors only. **Fees:** Art Course Fee

ART 4210: DIGITAL LAB 3: INTERACTIVE MEDIA (3) Offerings

Continued development of design aspects related to time-based and interactive media. Emphasis placed on strategic use of theory, methodology, and refinement in the development of electronic interactive tools.

Attributes: Upper-Division **Restrictions:** Visual Communication Majors only. **Fees:** Art Course Fee

ART 4212: DIGITAL LAB 4: MOTION DESIGN (3) Offerings

Exploration and focus upon utilization of movement as a design element in the interactive electronic environment. Investigation of primitive to sophisticated uses of animation, and film as a communicative instrument.

Attributes: Upper-Division **Restrictions:** Visual Communication Majors only. **Fees:** Art Course Fee

ART 4302: PAINTING STUDIO: NEW PICTURES (3) Offerings

Emphasizes image and idea to learn the nuances of conceptual thinking. Particular emphasis is placed on innovative approaches to presentation, matching form with content, risk-taking, and non-literal thinking. The goal is to enable students to integrate skills and ideas. Projects are aimed at challenging students to break with conventional notions of Painter and/or Illustrator. May be repeated for credit 2 times.

Attributes: Upper-Division **Restrictions:** Art, Visual Arts Majors only. Junior, Post-Baccalaureate, Senior students only. **Prerequisites:** ART 1105: D or better OR ART 1106: D or better OR ART 1107: D or better **Fees:** Art Course Fee

ART 4421: PRINTMAKING STUDIO - ADVANCED II (3) Offerings

Advanced studies in matrix based art making. Students will explore independent projects in several printmaking media including intaglio, relief, serigraphy, lithography, and monoprint. Typically offered: Autumn, Winter, Spring. May be repeated for credit 3 times.

Attributes: Upper-Division **Prerequisites:** ART 3421: D or better **Fees:** Art Course Fee

ART 4422: METALS STUDIO - ADVANCED II (5) Offerings

Teaches the raising, soldering, and forging of metals into utensils and decorative forms such as jewelry. Emphasizes casting. May be repeated for credit 2 times.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** ART 2422: D or better AND ART 3422: D or better **Fees:** Art Course Fee

ART 4501: ILLUSTRATION STUDIO: PROFESSIONAL PRACTICES (5) Offerings

Each student will create new work to augment their existing portfolio, as well as business cards, a resume, a contact list, invoice and letterhead, and website. The focus will be to complete a portfolio that serves as a professional tool in the marketplace most suited to each individual's talent and aspirations.

Attributes: Upper-Division **Restrictions:** Art, Visual Arts Majors only. Junior, Senior students only. **Prerequisites:** ART 2502: D or better AND ART 3507: D or better **Fees:** Art Course Fee

ART 4507: ILLUSTRATION STUDIO - DIGITAL ANIMATION (5) Offerings

This course explores and focuses upon utilization of narrative and movement in electronic media. Investigation of story-telling through primitive to sophisticated uses of animation.

Attributes: Upper-Division **Restrictions:** Art, Visual Arts, Visual Communication Majors only. **Fees:** Art Course Fee

ART 4722: SCULPTURE STUDIO - NEW MEDIA (3) Offerings

Studies of three-dimensional form and composition with emphasis on site-specific sculpture, installation art, new media, and art in the public place. May be repeated for credit 2 times.

Attributes: Upper-Division **Restrictions:** Art, Visual Arts Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** ART 3722: D or better **Fees:** Art Course Fee

ART 4896: SENIOR CAPSTONE: ART CAREERS (3) Offerings

In this course, students will learn professional skills necessary for success in the Visual Arts ecosystem. Topics covered will include professional genres of writing, self-presentation, networking, the art market, art world cultures and digital resources. Students will also develop, articulate and strategize concerning personal goals for their lives immediately after graduation.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

ART 4897: SENIOR CAPSTONE: CAREERS IN ART HISTORY AND VISUAL STUDIES (3) Offerings

How can a major in Art History prepare you to navigate the 21st-century world? Which professions are open to students with art-historical skills? In this course, we'll explore the transition from college to the marketplace or the world of post-graduate study, focusing on issues of globalism, commercialism and the post-information-age economy.

Attributes: Upper-Division, Writing "W" Course

ART 4898: SENIOR CAPSTONE IN STUDIO ARTS (3) Offerings

The students in this class will be studying and exploring the possibilities of a professional and/or vocational studio practice in illustration or Studio Art. Students are expected to examine and reflect on their own values in order to plan possible trajectories for a vocational path, professional plan, and/or advanced study upon graduation. Students will also study significant texts that ask them to consider how their faith perspective intersects with their vision for their future studio practice.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Art, Visual Arts Majors only. Post-Baccalaureate, Senior students only.

ART 4899: SENIOR CAPSTONE IN VISUAL COMMUNICATION (3) Offerings

The interface of visual communication with contemporary culture and its influences will be examined in the context of a faith perspective. Students will be expected to examine their own values in the context of a career trajectory that may challenge ethical boundaries. Readings related to visual culture and connections with issues of faith will facilitate this exploration. Students are required to write a position paper that formulates a design philosophy and integrates one's own faith perspective.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Visual Communication Majors only. Post-Baccalaureate, Senior students only.

ART 4900: INDEPENDENT STUDY (1-5) Offerings

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

ART 4920: READINGS IN ART (1-5) Offerings

Readings in Art. May be repeated for credit up to 15 credits.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Art, Visual Arts, Visual Communication Majors only. Freshman, Junior, Sophomore students are excluded. **Prerequisites:** ART 2602: D or better AND ART 2603: D or better

ART 4930: ART PRACTICUM (1-5) Offerings

Practicum May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Art, Visual Arts Majors only. **Prerequisites:** ART 3101: D or better

ART 4943: ART INTERNSHIP (1-5) Offerings

An opportunity for art and design students to gain additional proficiency and experience in the professional art or design arenas. May be repeated for credit up to 20 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

ART 4950: SPECIAL TOPICS IN ART (1-5) Offerings

Special Topics in Art May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Art, Visual Arts, Visual Communication Majors only. Freshman, Junior, Sophomore students are excluded.

ART 4966: SENIOR STUDIO PROJECT (2-5) Offerings

This course is designed to mentor students in the programs of Studio Art and Illustration/New Pictures through: the process and stages of working toward a Solo Senior Show; writing an artist's statement; the creation of a professional portfolio; and preparation for advanced study and/or vocational trajectory. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Art, Visual Arts Majors only. Freshman, Junior, Sophomore students are excluded. **Fees:** Art Course Fee

ART 4968: SPECIAL PROJECT (1-6) Offerings

Special Project May be repeated for credit up to 6 credits.

Attributes: Upper-Division

ART 4969: STUDIO PRACTICE (3) Offerings

Encourages students to explore individualized areas of artistic practice. Intended to be taken after several intermediate courses have been completed in the major. Students will continue developing skills in desired area of emphasis alongside theoretical readings, critiques, and guidance from faculty. May be repeated for credit 3 times.

Attributes: Upper-Division **Restrictions:** Art, Art-INT, Photography / Digital Media, Visual Arts, Visual

Communication, Visual Communication-INT Majors only. Freshman students are excluded. **Prerequisites:** ART 1105: D or better OR ART 1106: D or better OR ART 1107: D or better

Degree Requirements

SOCIAL JUSTICE & CULTURAL STUDIES: ADVANCED CULTURAL STUDIES

65 Credits Minimum, Including 25 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
SJC 1000 Introduction to Justice	-	5
ENG 2248 International Fiction (5) ENG 3334 US Multi-Ethnic Literature (5)	WKH, CUE UD, WKH, CUE	5
SJC 3510 Theology, Culture, and Society (5) THEO 3510 Theology, Culture, and Society (5)	UD UD	5
SJC 4899 Race, Representation, and Law	UD	5
SECTION CREDITS REQUIRED		20

CULTURAL STUDIES

Course	Attributes	Credits
ART 3606 Cross-Cultural Encounters (5) ENG 2234 Literature by Women (5) ENG 3004 Literature, Gender & Sexuality (5) ENG 3332 African-American Literature (5) ENG 3339 U.S. Latinx Literature (5) ENG 3380 African Literature (5) ENG 3381 Middle Eastern Literature (5) ENG 3382 South Africa (5) SJC 3382 South Africa (5) ENG 3383 Arab Spring (5) SJC 3383 Arab Spring (5) ENG 3384 Empires of Asia (5) FCS 3875 Appearance and Culture (3)	W, UD, WE, CUE WKH UD W, UD W, UD W, UD, CUE W, UD, CUE UD, WE, CUE UD, WE, CUE W, UD, WE, CUE W, UD, WE, CUE W, UD, CUE W, UD	10
SECTION CREDITS REQUIRED		10

SYSTEMS AND HISTORIES

Course	Attributes	Credits
BIO 1106 Ecological Fundamentals (5) BIO 3615 Issues and Values in Biology (3) HIS 3720 Rise of Islamic Civilization (5) HIS 3725 Women and Gender in MidEast (3) HIS 3726 Modern Middle East (5)	WKFS W, UD, WE W, UD, WE, CUE W, UD, CUE UD, WE	

HIS 3730 Modern Middle East (5)	UD, WE	
HIS 3765 Traditional East Asia (5)	W, UD, WE	
HIS 3785 East Asian Modernities (5)	W, UD, WE	
HIS 3790 History of Africa (5)	UD, WE	5
POL 2330 International Relations (5)	WKSS, CUE	
SOC 3215 Soc Inequality:Power & Privlge (5)	UD, CUE	
SOC 3750 Latin America (5)	UD, CUE	
SOC 3862 Race and Ethnicity (5)	UD, CUE	
SOC 4210 Gender in the Global Context (5)	UD, CUE	
THEO 3331 Women in Christianity (5)	UD	
WST 2350 Introductn to Women's Studies (5)	CUE	
SECTION CREDITS REQUIRED		5

ADVANCED CULTURAL STUDIES

Course	Attributes	Credits
ART 3608 Issues:Contempry Art&Vis Cultr (5)	W, UD, WE, CUE	
ART 3610 Histry Graphic Design/Illustrn (5)	W, UD	
COM 4607 Com Sem: Rhetoric of Dissent (5)	UD, CUE	
ENG 1220 Film and Faith (5)	WKH	
ENG 3302 Writing Across Cultures (3-5)	W, UD, CUE	
ENG 3325 Film and Story (5)	W, UD	15
ENG 4451 Toni Morrison (5)	W, UD	
ENG 4685 Literary Theory (5)	UD	
FRE 3205 Topics: Francophone Literature (5)	W, UD, WE, CUE	
FRE 3250 La France et le Monde (3)	UD, CUE	
SPN 4501 Topics in Latin American Lit (5)	W, UD	
SECTION CREDITS REQUIRED		15

Advisor-Approved Electives	10
Advisor-Approved Experiential Learning	5
MINIMUM TOTAL CREDITS REQUIRED	65

Degree Requirements

SOCIAL JUSTICE & CULTURAL STUDIES: ENVIRONMENTAL JUSTICE

65 Credits Minimum, Including 25 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
SJC 1000 Introduction to Justice	-	5
ENG 2248 International Fiction (5) ENG 3334 US Multi-Ethnic Literature (5)	WKH, CUE UD, WKH, CUE	5
SJC 3510 Theology, Culture, and Society (5) THEO 3510 Theology, Culture, and Society (5)	UD UD	5
SJC 4899 Race, Representation, and Law	UD	5
SECTION CREDITS REQUIRED		20

CULTURAL STUDIES

Course	Attributes	Credits
ART 3606 Cross-Cultural Encounters (5) ENG 2234 Literature by Women (5) ENG 3004 Literature, Gender & Sexuality (5) ENG 3332 African-American Literature (5) ENG 3339 U.S. Latinx Literature (5) ENG 3380 African Literature (5) ENG 3381 Middle Eastern Literature (5) ENG 3382 South Africa (5) SJC 3382 South Africa (5) ENG 3383 Arab Spring (5) SJC 3383 Arab Spring (5) ENG 3384 Empires of Asia (5) FCS 3875 Appearance and Culture (3)	W, UD, WE, CUE WKH UD W, UD W, UD W, UD, CUE W, UD, CUE UD, WE, CUE UD, WE, CUE W, UD, WE, CUE W, UD, WE, CUE W, UD, CUE W, UD	10
SECTION CREDITS REQUIRED		10

SYSTEMS AND HISTORIES

Course	Attributes	Credits
BIO 3615 Issues and Values in Biology (3) HIS 3720 Rise of Islamic Civilization (5) HIS 3725 Women and Gender in MidEast (3) HIS 3730 Modern Middle East (5) HIS 3735 Traditional East Asia (5)	W, UD, WE W, UD, WE, CUE W, UD, CUE UD, WE W, UD, WE	

HIS 3765 Traditional East Asia (5)	W, UD, WE	5
HIS 3785 East Asian Modernities (5)	W, UD, WE	
HIS 3790 History of Africa (5)	UD, WE	
POL 2330 International Relations (5)	WKSS, CUE	
SOC 3215 Soc Inequality:Power & Privilge (5)	UD, CUE	
SOC 3750 Latin America (5)	UD, CUE	
SOC 3862 Race and Ethnicity (5)	UD, CUE	
SOC 4210 Gender in the Global Context (5)	UD, CUE	
THEO 3331 Women in Christianity (5)	UD	
WST 2350 Introductn to Women's Studies (5)	CUE	
SECTION CREDITS REQUIRED		5

ENVIRONMENTAL STUDIES*

Course	Attributes	Credits
SOC 2360 Intro to Stats Soc & Behav Sci	WKQR	5
BIO 1106 Ecological Fundamentals	WKFS	5
BIO 1104 Environmental Science (5)	WKAS	5
BIO 3310 Ecology (5)	W, UD	
BIO 4835 Conservation Biology (5)	UD	
PHY 3011 Global Climate Change (5)	UD, WE	
SECTION CREDITS REQUIRED		15

Advisor-Approved Electives	10
Advisor-Approved Experiential Learning	5
MINIMUM TOTAL CREDITS REQUIRED	65

ADDITIONAL REQUIREMENTS AND INFORMATION

- *ENG/SJC 3382 may count here if not used elsewhere

Business

[BUS 1700](#) | [BUS 2000](#) | [BUS 2414](#) | [BUS 2500](#) | [BUS 2600](#) | [BUS 2700](#) | [BUS 2910](#) | [BUS 3000](#) | [BUS 3250](#) | [BUS 3251](#) | [BUS 3541](#) | [BUS 3542](#) | [BUS 3544](#) | [BUS 3548](#) | [BUS 3600](#) | [BUS 3614](#) | [BUS 3615](#) | [BUS 3620](#) | [BUS 3657](#) | [BUS 3670](#) | [BUS 3680](#) | [BUS 3682](#) | [BUS 3690](#) | [BUS 3700](#) | [BUS 3828](#) | [BUS 3830](#) | [BUS 3950](#) | [BUS 4274](#) | [BUS 4275](#) | [BUS 4543](#) | [BUS 4622](#) | [BUS 4625](#) | [BUS 4631](#) | [BUS 4644](#) | [BUS 4650](#) | [BUS 4660](#) | [BUS 4661](#) | [BUS 4690](#) | [BUS 4700](#) | [BUS 4899](#) | [BUS 4900](#) | [BUS 4930](#) | [BUS 4940](#) | [BUS 4942](#) | [BUS 4945](#)

BUS 1700: SPREADSHEETS (1) Offerings

This tutorial course prepares students to take the initial MOS (Microsoft Office Specialist) Excel exam. A full set of features for importing, managing, analyzing, formatting, and reporting spreadsheet data is covered. Practice exams help prepare students for the actual first-level MOS Excel exam, which is taken at the conclusion of the lessons. Passing the exam fulfills the spreadsheet competency requirement in SBGE. Extra Fee.

Fees: Certification Fee

BUS 2000: PURPOSE AND PRACTICE OF BUSINESS (5) Offerings

Business touches all aspects of society and can either create or solve social problems depending upon how it is designed to operate. This class will explore the purpose and practice of business, with an emphasis on how business can serve the social good by providing products and services, meaningful employment, and support for other institutions. Students will develop their understanding of the interrelationships between financial information systems, product development, marketing and management as they create a business plan focused on serving a real world issue of contemporary social importance. Students may not enroll in this course if BUS 1600 has been completed.

Attributes: Ways of Engaging

BUS 2414: LEGAL ENVIRONMENT OF BUSINESS (5) Offerings

Studies the relationship between law and business. Includes coverage of laws that impact the employer-employee relationship, product safety, advertising, contracts, business organizations, and business crimes and torts.

BUS 2500: INTEGRATED TOPICS IN BUSINESS, ECONOMICS AND POLITICAL SCIENCE (5) Offerings

Many of today's persistent social problems are so intractable precisely because they are complicated problems. They cut across so many domains of life that they defy easy solution. Therefore, to solve them one must tackle multiple dimensions. To that end, this class will consider a single social issue or problem from multiple disciplinary perspectives. A portion of each term will be taught by faculty members from different disciplines within SBGE and will address economic, political/ governmental, and commercial/ market-based considerations. May be repeated for credit 2 times.

Equivalents: POL 2500, ECN 2500 **Attributes:** Ways of Engaging **Restrictions:** Undergraduate only.

BUS 2600: MANAGERIAL COMMUNICATION (2) Offerings

Prepares students for communicating effectively in organizations. Topics include writing concisely and clearly; writing effective reports and business correspondence, including email and memos; delivering oral presentations; and mastering presentation software.

BUS 2700: STATISTICS FOR BUSINESS AND ECONOMICS (5) Offerings

An introduction to descriptive and inferential statistics with emphasis on problems from business and economics. Topics include

graphical representation of data, probability, discrete and continuous distributions, Central Limit Theorem, confidence intervals, hypothesis testing, correlation and linear regression. Spreadsheet software is used for data management, analysis, and reporting.

Equivalents: MAT 2700 **Attributes:** WK Quantitative Reasoning **Prerequisites:** (Math Placement Level: B or better OR MAT 0145: C- or better) AND (Spreadsheets Competency (SBGE): P or better OR BUS 1700: D or better OR CSC 1123: D or better)

BUS 2910: INTERNSHIP AND CAREER STRATEGIES (1) Offerings

Assists students in finding an internship. Students will develop skills in resume and cover-letter writing; identifying and articulating strengths and skills; using resources for finding internships; interviewing and networking; and understanding the requirements for an approved business internship. It is recommended that students take this class during their freshman or sophomore year, and prior to applying for the major.

BUS 3000: CCCU: BUSINESS IN INDIA (3-6) Offerings

See BestSemester.com for current course description.

Attributes: Upper-Division

BUS 3250: BUSINESS FINANCE (5) Offerings

Studies the principles of financial markets, internal and external sources of funds and their costs to the firm. Includes management of working capital, capital budgeting, valuation issues, and financial planning.

Attributes: Upper-Division **Restrictions:** Accounting, Applied Mathematics, Business Administration, Economics, Entrepreneurship, Politics, Philosophy & Econ Majors, Minors, Concentrations only. Freshman students are excluded. **Prerequisites:** ACCT 2361: C- or better AND Spreadsheets Competency (SBGE): P or better

BUS 3251: INVESTMENTS (5) Offerings

Studies the basic problems and issues concerning development and implementation of a personal investment program. Includes analysis of investment risks, types of investments, securities markets and portfolio theory. Also considers securities analysis and valuation techniques.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Economics, Politics, Philosophy & Econ Majors only. Freshman students are excluded. **Prerequisites:** BUS 3250: C- or better

BUS 3541: MARKETING AND SOCIETY (5) Offerings

Studies the principles of marketing. Employs a systems approach to examine the impact of marketing on the quality of life. Considers both macro and micro dimensions of marketing.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Communication, Communication Studies, Economics, Entrepreneurship, Interior Design Majors, Minors, Concentrations only. Freshman students are excluded.

BUS 3542: MARKETING RESEARCH (5) Offerings

Focuses on consumer and business insight generation through marketing research and data analytics. Examines exploratory, descriptive, and experimental methods. Applies statistical software, data analytics, and data visualization tools for collecting and processing data and for presenting findings.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration Majors only. Freshman students are excluded. **Prerequisites:** BUS 3541: C- or better AND (MAT 2700: C- or better OR BUS 2700: C- or better OR MAT 2360: C- or better)

BUS 3544: DIGITAL & SOCIAL MEDIA MARKETING (5) Offerings

Introduces various digital marketing topics including user experience and interface basic, website design, search marketing, digital advertising, re-targeting, email marketing, affiliate marketing, social media, content marketing, mobile, and emerging technology marketing. The course includes skill development regarding digital marketing platforms and tools.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Communication Majors only. Freshman students are excluded. **Prerequisites:** BUS 3541: C- or better

BUS 3548: INTERNATIONAL MARKETING (5) Offerings

This course examines the theory and application of international marketing from a global, rather than a U.S.-centered viewpoint. International management issues are examined both from the perspective of small and mid-sized businesses, as well as multinational firms. The course also focuses on ethical issues concerning the global diversity of customs and morals, environmental issues, and the impact of trade.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** BUS 3541: C- or better

BUS 3600: GENDER AND LEADERSHIP (5) Offerings

This course explores why women and men continue to have differing rates of representation in leadership roles in the workplace. Leadership styles, organizational practices, perceptual biases and other factors that influence leadership outcomes for men and women will be examined. The course reviews recent research from a variety of social science disciplines including social psychology, sociology, economics, political science, management and organization science. Typically offered: Varies.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

BUS 3614: ORGANIZATIONAL BEHAVIOR FOR MANAGERS (5) Offerings

An introduction to theory, research, and practice related to the management of human behavior in an organizational context. Course topics include individual characteristics, motivation, learning, communication, leadership, decision making, group dynamics, conflict, power, and politics. The course involves significant group activities and requires multiple oral presentations.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Entrepreneurship, Food and Nutritional Sciences, Global Development Studies, Information Systems, Nutrition and Dietetics, Politics, Philosophy & Econ Majors, Minors, Concentrations only. Freshman students are excluded.

BUS 3615: INTERNATIONAL ORGANIZATIONAL BEHAVIOR (5) Offerings

An introduction to theory, research, and practice related to the management of human behavior in a global context. Course topics include individual characteristics, culture, motivation, communication, leadership, decision making, group dynamics, cultural diversity, conflict, and power, all examined in a cross-cultural setting. Only available on study abroad programs.

Equivalents: BUS 3614 **Attributes:** Upper-Division

BUS 3620: MANAGEMENT INFORMATION SYSTEMS (5) Offerings

Studies the processes for collecting, verifying, and processing information to assist management in making decisions to achieve the organization's goals. Software, hardware, networks, and electronic data interchange will be examined, with computer systems viewed as one part of the complete information system.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Economics, Information Systems Majors, Minors, Concentrations only. Freshman students are excluded.

BUS 3657: HUMAN RESOURCE MANAGEMENT (5) Offerings

An introduction to the management of human resources in organizations. Theory, research, and practice in the areas of human resources planning, job analysis and design, recruiting and staffing, training and development, performance appraisal, compensation, organization development, government regulation of HRM, and quality of work life will be studied.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Food and Nutritional Sciences, Interior Design, Nutrition and Dietetics Majors only. Freshman students are excluded.

BUS 3670: MANAGEMENT IN THE NONPROFIT SECTOR (5) Offerings

Focuses on the management of not-for-profit organizations. Includes analysis of board of directors, management responsibilities, funding requirements, coordination and direction of volunteers, legal issues, and public relations. Appropriate for those interested in the management of churches, hospitals, performing groups, and social-service organizations.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Economics, Global Development Studies, Politics, Philosophy & Econ Majors only. Freshman students are excluded.

BUS 3680: SOCIAL ENTERPRISE (3) Offerings

Examines "blended value" businesses designed to achieve both financial return and social benefit. Incorporates lectures, case studies, guest speakers, and preparation of a social enterprise business plan to study commercial ventures operated by nonprofit or for-profit organizations. Emphasizes the unique rewards and cultural, human resource, legal, and financial challenges of earned-income ventures within mission-based organizations. Grades for this course will be submitted after participation in spring quarter's Social Venture Plan Competition.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Economics, Entrepreneurship, Global Development Studies, Politics, Philosophy & Econ Majors, Minors, Concentrations only. Freshman students are excluded.

BUS 3682: SOCIAL VENTURE PLANNING (2) Offerings

A social venture provides a social service that is funded by a revenue-generating "engine". In this course, students will develop a business plan for a social venture that either enhances the revenue-generating capabilities of a social service agency, connects a social venture with a for-profit company's revenue stream, or creates a social venture start-up. Students will learn the components of a successful venture plan including market research, developing an operations strategy, creating financials and pitching their idea to potential donors and investors. Students completing this course will submit their plan to the Annual Social Venture Plan Competition during Spring Quarter.

Attributes: Upper-Division

BUS 3690: INCLUSIVE FINANCIAL SERVICES (5) Offerings

Examines microfinance as a tool to alleviate global poverty. Topics include lending methodologies, products, cultural and regulatory environments, financial analysis, and performance improvement of microfinance institutions, along with limitations and controversies surrounding the practice. Grounded in Christian theological understandings of economic development and human well-being.

Equivalents: ECN 3690 **Attributes:** Upper-Division **Restrictions:** Accounting, Business Administration, Economics, Global Development Studies, Politics, Philosophy & Econ Majors only. **Prerequisites:** ECN 2101: C- or better

BUS 3700: QUANTITATIVE METHODS FOR DECISION MAKING (5) Offerings

Uses computers for solving quantitative management decision problems. Topics typically included: applications of calculus, regression, logistics, risk analysis, linear programming, forecasting methods and advanced Excel.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Economics, Global Development Studies, Politics, Philosophy & Econ Majors only. **Prerequisites:** (BUS 2700: C- or better OR MAT 2700: C- or better OR MAT 2260: C- or better)

BUS 3828: INTERNATIONAL BUSINESS (5) Offerings

Covers the major forms of international business including problems of licensing, production, marketing, import, and export; emphasizes relationships between theory and practice regarding management, government policy, and international problems.

Attributes: Upper-Division **Restrictions:** Accounting, Apparel Design, Apparel Merchandising, Business Administration, Economics, Global Development Studies Majors, Minors, Concentrations only. Freshman students are excluded. **Prerequisites:** ECN 2101: C- or better OR ECN 2102: C- or better

BUS 3830: INTERNATIONAL BUSINESS SEMINAR (1-5) Offerings

Recommended Prerequisite: BUS 2000. This course will be taught by an SPU faculty member at a location outside the United States for students who are part of the School of Business, Government and Economics Study Abroad program. The course will cover current topics in international business; the specific topics will vary from year to year. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

BUS 3950: SPECIAL TOPICS IN SPIRITUALITY AND BUSINESS (1-5) Offerings

This seminar-style course provides in-depth study of an issue related to Christian faith and business. The same topic cannot be taken for credit more than once. May take more than one offering per quarter with SAS registration. May be repeated for credit up to 9 credits.

Attributes: Upper-Division

BUS 4274: PROBLEMS IN CORPORATE FINANCE (5) Offerings

Gives an in-depth treatment of the more critical aspects of financial decision making introduced in BUS 3250, utilizing lectures and case studies. Topics typically include mergers and acquisitions, forecasting and cash budgeting, valuation techniques, and capital structure issues.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Computer Science, Economics, Family and Consumer Sciences, Food and Nutritional Sciences, Textiles Clothing and Interior Majors only. Freshman students are excluded. **Prerequisites:** BUS 3250: C- or better

BUS 4275: THE PRACTICE OF FINANCE (5) Offerings

Applies tools and concepts in all phases of finance to real situations through projects and case studies.

Attributes: Upper-Division **Restrictions:** Accounting, Applied Mathematics, Business Administration, Economics, Politics, Philosophy & Econ Majors only. Freshman students are excluded. **Prerequisites:** BUS 3250: C- or better

BUS 4543: MARKETING MANAGEMENT (5) Offerings

Deals in depth with the planning, executing, and controlling of marketing strategies and tactics. Uses a computer simulation and a case format.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration Majors only. Freshman students are excluded. **Prerequisites:** BUS 3542: C- or better

BUS 4622: INFORMATION AND DATABASE SYSTEMS (5) Offerings

Database concepts and management issues are explored from information modeling to the implementation and application of a database. Topics include information modeling, database design and manipulation, query languages, integrity, reliability, distributed

database, database management, design, and implementation of a database application. Typically offered: Alternate Years.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Information Systems Majors only. Freshman students are excluded. **Prerequisites:** BUS 3620: C- or better

BUS 4625: THE ORGANIZATION'S PRESENCE ON THE NET (5) [Offerings](#)

This course provides a framework for an organization to evaluate, create, and implement a successful net presence through the use of e-commerce tools. Information technology advances drive dramatic changes in every area of economic and personal life. Opportunities and challenges abound: fluid organizational structures; globalization; service 24 hours a day, 7 days a week; networked communities; and supplier-producer-customer partnerships. Typically offered: Alternate Years.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Information Systems Majors only. Undergraduate only. Freshman, Sophomore students are excluded. **Prerequisites:** BUS 3620: C- or better

BUS 4631: ENTREPRENEURSHIP (5) [Offerings](#)

BUS 2000 is a recommended prerequisite for this course. This course provides students with the skills to plan and start their own business, social enterprise, or product/service within an existing company. Topics will include market planning, production, management, financial and risk analysis. Students will develop a business plan.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Entrepreneurship, Global Development Studies Majors, Minors, Concentrations only. Freshman students are excluded.

BUS 4644: OPERATIONS MANAGEMENT (5) [Offerings](#)

Analyzes theory and application of the systems approach to production management. Provides a focus on the decision-making process, the design and control of manpower, materials, and machines in several production/service environments.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Economics, Entrepreneurship, Information Systems Majors, Minors, Concentrations only. Freshman, Sophomore students are excluded. **Prerequisites:** BUS 3700: C- or better

BUS 4650: DATA ANALYTICS AND VISUALIZATION (5) [Offerings](#)

Examines the principles and practices of data mining and information visualization including data analytics from a business perspective. Data mining is the computational process of discovering patterns in large data sets. Information visualization is the process of visually representing those patterns. Students will utilize tools and techniques to analyze large data sets in order to make sound business decisions.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Computer Science - Systems, Economics, Global Development Studies, Information Systems, Political Science Majors only. **Prerequisites:** BUS 2700: C- or better OR MAT 2700: C- or better OR MAT 2360: C- or better

BUS 4660: MANAGING SYSTEMS (5) [Offerings](#)

This management course is a problem-focused look at organizational systems. Building upon a systems-theory model we will explore the macro-level issues and dynamics of whole organizations. Topics will include organization structure, technology, culture, context, power and politics, effectiveness, innovation, learning, and change. This is an applications-oriented course, in which our analysis of companies will be informed by theory and grounded in practice.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** BUS 3614: C- or better

BUS 4661: SPECIAL TOPICS IN MANAGEMENT (1-5) [Offerings](#)

Students analyze current issues in improving the effectiveness of organizations. May be repeated for credit 2 times.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Global Development Studies Majors only. Freshman, Sophomore students are excluded.

BUS 4690: STRATEGIC MANAGEMENT (5) Offerings

Explores strategy formulation and implementation processes and the measurement of performance designed to aid organizations to achieve the purpose and objectives of both small and large businesses.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Accounting, Business Administration Majors only. Post-Baccalaureate, Senior students only. **Prerequisites:** BUS 3250: C- or better AND BUS 3541: C- or better AND BUS 3614: C- or better AND BUS 3700: C- or better AND BUS 4644: C- or better

BUS 4700: CREATING A COMPANY (2) Offerings

Learn how to take your dream of starting a small business or social venture and put it into action. Students bring a business idea to the class, and develop skills to identify appropriate opportunities, choose and set up the right form of organization, develop a brand and marketing strategy, build sustainable operating processes, and identify sources of funding. This course is designed for senior students who have specifically indicated a desire to start a small business or social venture.

Attributes: Upper-Division **Restrictions:** Senior students only.

BUS 4899: BUSINESS ETHICS (5) Offerings

This senior-level capstone course explores various ethical theories and their application to the practice of business. Gives particular emphasis to Christian ethics and focuses on individual ethical decision making.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Accounting, Business Administration, Computer Science, Economics, Entrepreneurship, Politics, Philosophy & Econ Majors, Minors, Concentrations only. Post-Baccalaureate, Senior students only. **Prerequisites:** (UFDN 3100 can be taken concurrently: D or better OR SPCC LFDN3: D or better OR SPCC UFDN3: D or better) AND (ECN 2101: C- or better OR ECN 2102: C- or better)

BUS 4900: INDEPENDENT STUDY IN BUSINESS (1-5) Offerings

The student proposes a topic of current interest in business to a professor in the School of Business and Economics. The student meets with the professor to discuss a bibliography and rough drafts before turning in the final draft of a paper. A 5-credit independent study requires a total of 30 pages of written work. In general, the number of pages of written work must be six times the number of credits, or there must be equivalent work in exams or other requirements. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

BUS 4930: BUSINESS AND ECONOMICS PRACTICUM (1-3) Offerings

Selected students are assigned instructional support responsibilities. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Economics Majors only. Freshman students are excluded.

BUS 4940: INTERNSHIP (1-5) Offerings

Only available on study abroad programs. Provides opportunities for students to apply principles of business, faith, service and leadership in an organizational context. The internship must have a minimum time commitment of 100 hours during the quarter and be related to students' Business Administration major. A learning contract must be completed and approved by an SBE faculty member prior to the internship experience.

Attributes: Upper-Division **Restrictions:** Business Administration Majors only. Freshman students are excluded.

BUS 4942: INTERNSHIP REFLECTION AND PROFESSIONAL DEVELOPMENT (2-6) Offerings

An integrative course designed to provide the student with the opportunity to synthesize and demonstrate knowledge and skills developed in the functional business disciplines and through the student's internship experience. Internship experience must be related to student's Business Administration major and have provided opportunities for student to relate and apply principles of business, faith, service, and leadership to a professional business setting. Requirements for instructor approval: (1) An Internship Approval Form must be completed by the student and the internship site supervisor and signed by the SBGE Internship Coordinator prior to the start of the internship. (2) Students must complete an approved internship (or be currently working at an approved internship) prior to enrolling in this class. (3) Students must register for this class within one calendar year of the start of the approved internship. Typically offered: Autumn, Spring, Winter.

Attributes: Upper-Division **Restrictions:** Business Administration, Economics, Politics, Philosophy & Econ Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** (BUS 2910: C- or better OR GS 3001: C- or better)

BUS 4945: ADVANCED INTERNSHIP (1-5) Offerings

Provides students with the opportunity to specialize their applied learning to discipline specific issues and questions through individualized guidance with a faculty sponsor in their concentration, first hand experience in their internship sites, academic research, and face-to-face interviews with professionals. May be applied to a business administrative elective. May be repeated for credit up to 6 credits.

Attributes: Upper-Division **Restrictions:** Business Administration Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** BUS 4942: D or better

Asian Studies

[ASIA 2417](#) | [ASIA 2418](#) | [ASIA 3765](#) | [ASIA 3767](#) | [ASIA 3785](#) | [ASIA 3786](#) | [ASIA 4765](#)

ASIA 2417: RELIGIOUS TRADITIONS OF ASIA (5) Offerings

This course will investigate major religious traditions of Asia including Hinduism, Buddhism, Confucianism, Daoism and Shintoism from an historical and doctrinal standpoint. Students will be introduced to the major thinkers and philosophical/theological developments of each tradition. Primary texts will be used to introduce students to how the tradition defines and understands itself. Through specific course requirements including site visitations, students will gain exposure to the practices and doctrines of each faith studied while considering the cultural context and current trends of the tradition. Students will be asked to apply the practical knowledge gained during the course toward informed dialogue and sensitive but critical engagement with the non-Christian traditions studied.

Equivalents: HIS 2417 **Attributes:** Cultural Understand&Engagement, WK Social Sciences

ASIA 2418: MODERN EXPRESSIONS OF ASIAN RELIGIONS (5) Offerings

This course will investigate the various modern expressions of the religions of Asia including "new" religions of Japan such as the Soka Gakkai school, Tenrikyo and Aum Shinrikyo/Aleph; the Falun Dafa/Falun Gong movement out of China, and the uniquely Korean expression of Christianity. The course will be organized thematically around questions stemming from classic areas of religious concern in Asia including: mind-body concerns (Tendai Buddhist "Marathon Monks" of Mt. Hiei and the Shugendo tradition), messianic movements and healing (Chinese Falun Gong), shamanistic power (Korean Christianity and Japanese Tenrikyo), peace and prosperity (Soka Gakkai).

Equivalents: HIS 2418 **Attributes:** Cultural Understand&Engagement, Ways of Engaging

ASIA 3765: FAMILY, STATE AND PATRIARCHY IN EAST ASIA (5) Offerings

This course explores the making of East Asian family, state and patriarchal traditions from the historical perspective. We will introduce the key belief systems, institutions, and historical developments from classical times to 1800 and how they have shaped the fundamental features of East Asia. The course also examines the ways in which the interactions of family and state were expressed similarly and differently in East Asian countries like China, Japan and Korea.

Equivalents: HIS 3765 **Attributes:** Upper-Division, Ways of Engaging, Writing "W" Course **Restrictions:** Freshman students are excluded.

ASIA 3767: RELIGION, REVOLUTION AND SOCIAL CHANGE IN CHINA (3) Offerings

This course discusses the relation of religion and society in the late imperial China through the examination of historical materials on the subject. It aims to help students understand the role of religion in the discourse of China's social and cultural transformation on the eve of modernization, responses to the spread of Christianity and Western imperialism, and consequential changes of personal and national identities. As a research seminar, the course stresses analysis of primary sources and advanced, integrative historical understanding. Students will read core texts, analyze primary sources, write reading reflections, and then complete a research proposal. No previous knowledge of this subject is assumed. Typically offered: Spring.

Equivalents: HIS 3767 **Attributes:** Writing "W" Course

ASIA 3785: TRADE, WAR, AND THE MAKING OF EAST ASIAN MODERNITIES (5) Offerings

What roles did Trade and War play in the rise of East Asian powers? To what extent did they shape their identities and political ambitions? The course traces the history from the Opium Wars to the rise of Asian economic powers within the capitalist world-system. The course helps students to understand East Asia's struggles with the Western imported meta-narratives of progress, revolution, socialism, race, equality and Christianity and search for their modern identities in the past 150 years.

Equivalents: HIS 3785 **Attributes:** Upper-Division, Ways of Engaging, Writing "W" Course

ASIA 3786: NATION, CITY AND IDENTITY IN CHINA: FROM OPIUM WARS TO MEGACITIES (5) [Offerings](#)

In the past three decades rapid economic development and modernization programs have significantly altered the traditional urban system in China. The country now has the largest number of megacities but the vast "floating population" of migrants continue to struggle with their lack of residency rights in the cities. This course traces China's urban development since the late 19th century at the backdrop of China's re-staging itself as a modern power in a global world. It explores how Chinese cities and its urban system have shaped in ideology and practice, and changes to social life and cultural identity in the modern history.

Equivalents: HIS 3786 **Attributes:** Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded.

ASIA 4765: TOPICS IN EAST ASIAN HISTORY (3) [Offerings](#)

Capstone research seminar, stressing analysis of primary sources and advanced, integrative historical understanding. Students will read core texts and then complete an original research project, usually a term paper. Region and theme may vary year to year. Sample topics include: modern Japan, state building and nationalism, religion and culture, etc.

Equivalents: HIS 4765 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.

Classics

[CLA 1300](#) | [CLA 3100](#) | [CLA 3170](#) | [CLA 4899](#) | [CLA 4920](#) | [CLA 4930](#)

CLA 1300: SURVEY OF CLASSICAL LITERATURE (5) Offerings

Provides an overview of major works of Greek and Roman literature via mini-lectures, reading, class discussion, and analytical essays.

Attributes: WK Humanities

CLA 3100: ANCIENT CIVILIZATION (5) Offerings

Surveys Mediterranean history from early Egypt and Mesopotamia to the rise of the Roman Empire with emphasis on the Bronze Age. Enables the student to understand the world of the Old Testament. Typically offered: Alternate Years.

Equivalents: HIS 3100 **Attributes:** Upper-Division

CLA 3170: CLASSICAL CIVILIZATION (5) Offerings

Explores history, literature, and society of classical Greece and Rome stressing contributions to modern Western civilization.

Equivalents: HIS 3170 **Attributes:** Upper-Division

CLA 4899: SENIOR CAPSTONE IN CLASSICS (3) Offerings

Draws together three strands of the interdisciplinary field of Classics-art/archaeology, history, and literature/philosophy-into a comprehensive view of Greco-Roman antiquity. The course will encourage recollection and reflection upon previous coursework in classics and in the Common Curriculum, integration of classics and the student's own faith commitment, and further pursuit of an area of interest to the student.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.

CLA 4920: DIRECTED READINGS IN CLASSICAL LITERATURE (1-5) Offerings

Directed Readings in Classical Literature. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Prerequisites:** CLA 3170: D or better OR HIS 3170: D or better

CLA 4930: CLASSICS TUTORIAL PRACTICUM (1-5) Offerings

Classics Tutorial Practicum

Attributes: Upper-Division

Chemistry

[CHM 1100](#) | [CHM 1100L](#) | [CHM 1110](#) | [CHM 1211](#) | [CHM 1211L](#) | [CHM 1212](#) | [CHM 1212L](#) | [CHM 1213](#) | [CHM 1310](#) | [CHM 1310L](#) | [CHM 1330](#) | [CHM 1330L](#) | [CHM 1360](#) | [CHM 1360L](#) | [CHM 2213](#) | [CHM 2213L](#) | [CHM 2410](#) | [CHM 2930](#) | [CHM 2960](#) | [CHM 3225](#) | [CHM 3225L](#) | [CHM 3227](#) | [CHM 3228](#) | [CHM 3229](#) | [CHM 3371](#) | [CHM 3371L](#) | [CHM 3372](#) | [CHM 3372L](#) | [CHM 3373](#) | [CHM 3373L](#) | [CHM 3410](#) | [CHM 3410L](#) | [CHM 3421](#) | [CHM 3422](#) | [CHM 3423](#) | [CHM 3461](#) | [CHM 3462](#) | [CHM 3540](#) | [CHM 3540L](#) | [CHM 4361](#) | [CHM 4361L](#) | [CHM 4362](#) | [CHM 4362L](#) | [CHM 4363](#) | [CHM 4371](#) | [CHM 4372](#) | [CHM 4374](#) | [CHM 4542](#) | [CHM 4700](#) | [CHM 4760](#) | [CHM 4899](#) | [CHM 4900](#) | [CHM 4930](#) | [CHM 4940](#) | [CHM 4950](#) | [CHM 4960](#)

CHM 1100: INTRODUCTION TO CHEMISTRY (5) [Offerings](#)

Prerequisites: One and a half years of high school mathematics (including algebra) and completion of the Chemistry Placement Test. This course is not recommended for students who have completed one year of high school chemistry. Examines the structure of matter and the tools and methods used by the chemist. Simple reactions and some current applications are studied. Can be used as preparation for CHM 1211. Includes laboratory. Extra Fee.

Attributes: WK Fundamental Science **Prerequisites:** Chemistry Proficiency Exam: 01 or better **Fees:** Chemistry Laboratory Fee

CHM 1100L: INTRODUCTION TO CHEMISTRY LAB (0) [Offerings](#)

Lab Component of CHM 1100.

Attributes: WK Fundamental Science **Prerequisites:** Chemistry Proficiency Exam: 01 or better

CHM 1110: INTRODUCTION TO THE NATURE OF SCIENCE (5) [Offerings](#)

Provides a lecture, discussion and student participation course in the physical sciences with a chemistry emphasis. Examines basic revolutions in the development of scientific views and their relationships to religious faith and human values. Also examines selected scientific concepts and theories. Provides preparation for informed decision making on some current and future societal issues.

Equivalents: PHY 1110 **Attributes:** WK Applied Science

CHM 1211: GENERAL CHEMISTRY I (5) [Offerings](#)

Introduces properties of matter, stoichiometry, chemical reactions, properties of gases, thermochemistry, states of matter, chemical bonding, and atomic and molecular structure. Includes laboratory. Extra Fee.

Attributes: WK Fundamental Science **Prerequisites:** Chemistry Proficiency Exam: 35 or better OR CHM 1100: C- or better OR CHM 1310: C- or better **Fees:** Chemistry Laboratory Fee

CHM 1211L: GENERAL CHEMISTRY I LAB (0) [Offerings](#)

Lab component of CHM 1211.

Attributes: WK Fundamental Science

CHM 1212: GENERAL CHEMISTRY II (5) [Offerings](#)

The second in a series of three general chemistry courses that cumulatively include properties of matter; atomic, molecular, and electronic structure; chemical bonding; chemical reactions and stoichiometry; thermochemistry; states of matter and properties of

solids, liquids, solutions, and gases; chemical equilibrium; acids and bases; kinetics; nuclear chemistry; and electrochemistry. Includes lab.

Prerequisites: CHM 1211: C- or better AND (Math Placement Level: B or better OR MAT 0144: C- or better OR MAT 0145: C- or better) **Fees:** Chemistry Laboratory Fee

CHM 1212L: GENERAL CHEMISTRY II LAB (0) Offerings

Lab Component of CHM 1212.

CHM 1213: GENERAL CHEMISTRY III (3) Offerings

The culmination of a series of three general chemistry courses that cumulatively include properties of matter; atomic, molecular, and electronic structure; chemical bonding; chemical reactions and stoichiometry; thermochemistry; states of matter and properties of solids, liquids, solutions, and gases; chemical equilibrium; acids and bases; kinetics; nuclear chemistry; and electrochemistry.

Prerequisites: CHM 1212: C- or better

CHM 1310: SURVEY OF GENERAL CHEMISTRY (5) Offerings

Survey of topics from general chemistry, including atoms and molecules, bonding, types of chemical reactions, energy, solutions, equilibrium, and acids and bases. Includes laboratory. Extra Fee.

Attributes: WK Fundamental Science **Fees:** Chemistry Laboratory Fee

CHM 1310L: SURVEY OF GENERAL CHEMISTRY LAB (0) Offerings

Lab Component of CHM 1310.

Attributes: WK Fundamental Science

CHM 1330: SURVEY OF ORGANIC CHEMISTRY (5) Offerings

Studies simpler laws of organic chemistry, nomenclature, classification, and reactivity of various functional groups, including simple carbohydrates. Includes laboratory.

Prerequisites: CHM 1310: C- or better OR CHM 1211: C- or better OR CHM 1212: C- or better **Fees:** Chemistry Laboratory Fee

CHM 1330L: SURVEY OF ORGANIC CHEMISTRY LAB (0) Offerings

Lab Component of CHM 1330.

CHM 1360: SURVEY OF BIOLOGICAL CHEMISTRY (5) Offerings

Covers the structures and functions of biological molecules, cell structure, bioenergetics, metabolic pathways, and molecular genetics. Includes laboratory. Extra Fee.

Prerequisites: CHM 1310: C- or better OR CHM 1212: C- or better **Fees:** Chemistry Laboratory Fee

CHM 1360L: SURVEY OF BIOLOGICAL CHEMISTRY LAB (0) Offerings

Lab Component of CHM 1360.

CHM 2213: INORGANIC QUALITATIVE ANALYSIS (2) [Offerings](#)

Laboratory-oriented course with experiments in qualitative analysis of aqueous inorganic ions, electrochemistry, and synthesis and characterization of main group and transition metal compounds. Extra Fee.

Prerequisites: CHM 1213 can be taken concurrently: D or better **Fees:** Chemistry Laboratory Fee

CHM 2213L: INORGANIC QUALITATIVE ANALYSIS LAB (0) [Offerings](#)

Lab Component of CHM 2213.

CHM 2410: ENVIRONMENTAL CHEMISTRY AND SUSTAINABILITY (5) [Offerings](#)

This course is a study tour of New Zealand. Topics covered include atmospheric chemistry, air pollution, climate change and energy, and agricultural influences on the environment. The class is interdisciplinary in nature, with a strong emphasis on the relationship between chemical and financial sustainability. Interplay between Maori culture and issues of sustainability are also explored.

Attributes: Cultural Understand&Engagement, WK Applied Science **Restrictions:** Undergraduate only.

CHM 2930: CHEMISTRY PRACTICUM (1-3) [Offerings](#)

CHM 2930 Chemistry Practicum (1-3) Registration approval: Instructor. Selected students are assigned teaching, grading, laboratory preparation, and/or tutoring responsibilities. May be repeated for credit up to 3 credits.

CHM 2960: INTRODUCTION TO RESEARCH METHODS (1) [Offerings](#)

Designed for chemistry and biochemistry majors as an introduction to the skills and methods used for research in the chemical sciences.

CHM 3225: QUANTITATIVE ANALYSIS AND EQUILIBRIUM (5) [Offerings](#)

Laboratory-oriented course dealing with chemical equilibria in solution and their applications to quantitative analysis. Some types of reactions to be studied are precipitation, acid-base, complex formation, and oxidation-reduction. Traditional wet chemical and instrumental methods will be used. Extra Fee.

Attributes: Upper-Division **Prerequisites:** CHM 1212: C- or better **Fees:** Chemistry Laboratory Fee

CHM 3225L: QUANTITATIVE ANALYSIS AND EQUILIBRIUM LAB (0) [Offerings](#)

Lab Component of CHM 3225.

CHM 3227: SEPARATION SCIENCE (2) [Offerings](#)

Laboratory-oriented course dealing with the theory and practice of separation science (e.g., solvent extraction and chromatography). The laboratory will emphasize techniques of quantitative and instrumental analytical chromatography.

Attributes: Upper-Division **Prerequisites:** CHM 3225: C- or better **Fees:** Chemistry Laboratory Fee

CHM 3228: ELECTROANALYTICAL CHEMISTRY (2) [Offerings](#)

Laboratory-oriented course dealing with the theory and practice of electroanalytical chemistry. The laboratory exercises will be selected from quantitative analytical techniques of conductometry, potentiometry, coulometry, electrogravimetry, amperometry,

and voltammetry.

Attributes: Upper-Division **Prerequisites:** CHM 3225: C- or better **Fees:** Chemistry Laboratory Fee

CHM 3229: ANALYTICAL SPECTROSCOPY (2) [Offerings](#)

Laboratory-oriented course dealing with the theory and practice of atomic and molecular spectroscopy, especially as applied to quantitative analytical chemistry and molecular biology. The lectures and labs will include various topics of absorption, emission, and scattering techniques.

Attributes: Upper-Division **Prerequisites:** CHM 3225: C- or better **Fees:** Chemistry Laboratory Fee

CHM 3371: ORGANIC CHEMISTRY I (5) [Offerings](#)

This is the introductory course in organic chemistry. It reviews topics such as stoichiometry, acids and bases, structure and bonding theory, nomenclature, synthesis, thermodynamics, functional groups, and reaction mechanisms as applied to organic chemistry. Laboratory work will emphasize basic methods of separation and purification representative substances. Extra Fee.

Attributes: Upper-Division **Prerequisites:** CHM 1212: C- or better **Fees:** Chemistry Laboratory Fee

CHM 3371L: ORGANIC CHEMISTRY I LAB (0) [Offerings](#)

Lab Component of CHM 3371.

CHM 3372: ORGANIC CHEMISTRY II (5) [Offerings](#)

A continuation of CHM 3371. Continues studies of principles of nomenclature, synthesis, thermodynamics, structure, and reaction mechanisms to a broadening collection of organic functional groups. Introduces spectroscopic methods. Laboratory work will emphasize basic methods of synthesis of representative compounds, and obtaining their spectra and other properties. Extra Fee.

Attributes: Upper-Division **Prerequisites:** CHM 3371: C- or better **Fees:** Chemistry Laboratory Fee

CHM 3372L: ORGANIC CHEMISTRY II LAB (0) [Offerings](#)

Lab Component of CHM 3372.

CHM 3373: ORGANIC CHEMISTRY III (5) [Offerings](#)

A continuation of CHM 3372. Completes a survey of the properties of common organic functional groups and introduces topics of bio-organic chemistry. Laboratory includes some qualitative identification of unknown organic compounds using chemical, physical, and instrumental techniques. Extra Fee.

Attributes: Upper-Division **Prerequisites:** CHM 3372: C- or better **Fees:** Chemistry Laboratory Fee

CHM 3373L: ORGANIC CHEMISTRY III LAB (0) [Offerings](#)

Lab Component of CHM 3373.

CHM 3410: SURVEY OF PHYSICAL CHEMISTRY (5) [Offerings](#)

A survey of physical chemistry topics, such as thermodynamics, kinetics, quantum chemistry and spectroscopy, including life science applications. Includes laboratory.

Attributes: Upper-Division **Prerequisites:** CHM 3225 can be taken concurrently: C- or better AND MAT 1221 can

Attributes: Upper-Division **Prerequisites:** CHM 3220 can be taken concurrently; C- or better AND MAT 1221 can be taken concurrently: C- or better

CHM 3410L: SURVEY OF PHYSICAL CHEMISTRY LAB (0) [Offerings](#)

Lab Component of CHM 3410.

CHM 3421: QUANTUM MECHANICS (4) [Offerings](#)

This course provides the underlying framework for a molecules-first approach to physical chemistry. Topics covered include the fundamentals of quantum chemistry and their application to bonding, spectroscopy, and computational chemistry.

Attributes: Upper-Division **Prerequisites:** CHM 1212: C- or better AND (PHY 1103: C- or better OR PHY 1123: C- or better) AND MAT 2401: C- or better

CHM 3422: STATISTICAL THERMODYNAMICS (4) [Offerings](#)

Studies thermodynamics, emphasis is placed on insight into the microscopic interactions responsible for bulk thermodynamic properties.

Attributes: Upper-Division **Prerequisites:** CHM 1212: C- or better AND (PHY 1103: C- or better OR PHY 1123: C- or better) AND MAT 1235: C- or better

CHM 3423: MOLECULAR DYNAMICS (2) [Offerings](#)

Studies dynamic processes in chemical systems. Topics covered include kinetics of molecular motion and reaction in the gas and condensed phases. The structure of solids and heterogenous reactions on surfaces are also considered.

Attributes: Upper-Division **Prerequisites:** CHM 3421: C- or better OR CHM 3422: C- or better

CHM 3461: PHYSICAL CHEMISTRY LABORATORY I (2) [Offerings](#)

Provides opportunity for several experiments with an extensive written report for each experiment. Considerable emphasis will be on data, precision, and error analysis. May include computer applications.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** CHM 3421 can be taken concurrently: C- or better

CHM 3462: PHYSICAL CHEMISTRY LABORATORY II (2) [Offerings](#)

Continuation of CHM 3461. Provides opportunity for several experiments with an extensive written report for each experiment. Considerable emphasis will be on data, precision, and error analysis. May include computer applications.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** CHM 3461: C- or better

CHM 3540: INTRODUCTORY INORGANIC CHEMISTRY (5) [Offerings](#)

A systematic study of chemical principles as applied to inorganic systems. It may include inorganic nomenclature, solid state structure, thermodynamics and bonding, general bonding theory, acid-base theory, coordination chemistry, and descriptive inorganic chemistry. Includes laboratory. Extra Fee.

Attributes: Upper-Division **Restrictions:** Junior, Senior students only. **Prerequisites:** CHM 1213: C- or better AND CHM 3373: C- or better **Fees:** Chemistry Laboratory Fee

CHM 3540L: INTRODUCTORY INORGANIC CHEMISTRY LAB (0) [Offerings](#)

CHM 4361: BIOCHEMISTRY (5) Offerings

Studies chemical properties of biological compounds (carbohydrates, lipids, amino acids and proteins, and nucleic acids); metabolism (biochemical energetics, enzymes, electron transport, and oxidative phosphorylation), and integration of metabolism (biochemical genetics and metabolic regulation). Includes laboratory.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** CHM 3373: C- or better **Fees:** Chemistry Laboratory Fee

CHM 4361L: BIOCHEMISTRY LAB (0) Offerings

Lab Component of CHM 4361.

CHM 4362: BIOCHEMISTRY (5) Offerings

Continuation of CHM 4361. Studies chemical properties of biological compounds (carbohydrates, lipids, amino acids and proteins, and nucleic acids); metabolism (biochemical energetics, enzymes, electron transport, and oxidative phosphorylation), and integration of metabolism (biochemical genetics and metabolic regulation). Includes laboratory.

Attributes: Upper-Division **Prerequisites:** CHM 4361: C- or better **Fees:** Chemistry Laboratory Fee

CHM 4362L: BIOCHEMISTRY LAB (0) Offerings

Lab Component of CHM 4362.

CHM 4363: BIOCHEMISTRY (3) Offerings

Explores selected topics such as immunoglobulins and the immune system; bacterial cell walls; membrane transport; hormone action; control of gene expression; muscle contraction; cell physiology; drug action; protein folding; HIV mechanisms; and mechanisms of infectious disease. Seminar format with leading researchers presenting current work. May be repeated for credit 2 times.

Attributes: Upper-Division **Prerequisites:** CHM 4362: C- or better OR CHM 4372: C- or better

CHM 4371: BIOCHEMISTRY LECTURE (3) Offerings

Studies chemical properties of biological compounds (carbohydrates, lipids, amino acids and proteins, and nucleic acids); metabolism (biochemical energetic, enzymes, electron transport, and oxidative phosphorylation), and integration of metabolism (biochemical genetics and metabolic regulation). Does not include laboratory.

Attributes: Upper-Division **Prerequisites:** CHM 3373: C- or better

CHM 4372: BIOCHEMISTRY LECTURE (3) Offerings

Continuation of CHM 4361 and CHM 4371. Studies chemical properties of biological compounds (carbohydrates, lipids, amino acids and proteins, and nucleic acids); metabolism (biochemical genetics and metabolic regulation). Does not include laboratory.

Attributes: Upper-Division **Prerequisites:** CHM 4361: C- or better OR CHM 4371: C- or better

CHM 4374: ADVANCED ORGANIC LABORATORY (3) Offerings

An advanced laboratory course using synthetic separation and instrumental techniques to study properties of organic compounds.

Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** CHM 3373: C- or better AND CHM 3225: C- or better

CHM 4542: TRANSITION METALS (3) Offerings

Students are encouraged to complete CHM 3421 prior to taking this course. Studies the chemistry of the d- and f-block elements, with emphasis on the correlation of color, magnetic properties, structure, and reactivity to fundamental theory. Topics from the current chemical literature will be included. Topics may include bioinorganic chemistry, organometallic chemistry, and chemical applications of group theory. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** CHM 3373 can be taken concurrently: C- or better AND CHM 3540: C- or better

CHM 4700: SELECTED TOPICS IN CHEMISTRY/BIOCHEMISTRY (3) Offerings

An advanced course on any area of chemical science. It is designed to deepen the student's knowledge in one area of chemistry, expose him or her to the current research literature, and give him or her experience in writing and speaking critically on examples of recent research. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course

CHM 4760: ADVANCED SYNTHESIS (1-2) Offerings

Recommended Prerequisite: CHM 4542. A laboratory course involving organic and/or inorganic synthesis using advanced techniques such as the handling of air-sensitive compounds, vacuum distillations and vacuum line transfers. Recommended especially for students who plan a research project involving synthesis. Typically offered: Varies. May be repeated for credit up to 4 credits.

Attributes: Upper-Division **Prerequisites:** CHM 3373: C- or better

CHM 4899: NATURAL SCIENCES CAPSTONE SEMINAR (1) Offerings

A capstone experience for seniors that explores current natural sciences topics in an interdisciplinary setting. Seminars addressing current research advances, ethical issues in science or the intersection of science, vocation and Christian faith are presented by faculty, students and guest scholars. Discussion and reflection incorporate appropriate readings. A minimum of two quarters of seminar must be completed during the senior year to fulfill the senior capstone requirement. May be repeated for credit 3 times.

Equivalents: PHY 4899, BIO 4899 **Attributes:** Upper-Division **Restrictions:** Post-Baccalaureate, Senior students only.

CHM 4900: INDEPENDENT PROJECT/DESIGN IN CHEMISTRY/BIOCHEMISTRY (1-10) Offerings

Laboratory research, library research, or other individual project. A final written report is required, and the student must report orally on his or her results at a Chemistry Department seminar. May be repeated for credit up to 15 credits.

Attributes: Upper-Division, Writing "W" Course

CHM 4930: CHEMISTRY/BIOCHEMISTRY PRACTICUM (1-5) Offerings

Selected students are assigned teaching, grading, laboratory preparation, and/or tutoring responsibilities. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

CHM 4940: INTERNSHIP IN CHEMISTRY/BIOCHEMISTRY (1-5) Offerings

CHM 4940: INTERNSHIP IN CHEMISTRY/BIOCHEMISTRY (1-5) [Offerings](#)

Provides a significant learning experience through a closely supervised work-study program. A final written report is required, and the student must report orally on his or her work experience at a Chemistry Department seminar. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Chemistry Majors only. Freshman, Sophomore students are excluded.

CHM 4950: CURRENT TOPICS IN CHEMISTRY/BIOCHEMISTRY (1-5) [Offerings](#)

Deals with selected chemistry topics of general interest. No laboratory. May be repeated for credit up to 5 credits.

Attributes: Upper-Division

CHM 4960: UNDERGRADUATE RESEARCH IN CHEMISTRY/BIOCHEMISTRY (1-10) [Offerings](#)

Laboratory research done with supervision/collaboration with a faculty research advisor. A final senior thesis or journal article is required. A report at the regional conference is expected. May be repeated for credit up to 15 credits.

Attributes: Upper-Division, Writing "W" Course

Communication

[COM 1101](#) | [COM 1321](#) | [COM 1930](#) | [COM 1931](#) | [COM 2227](#) | [COM 2323](#) | [COM 3001](#) | [COM 3160](#) | [COM 3628](#) | [COM 3629](#) | [COM 3700](#) | [COM 3701](#) | [COM 3780](#) | [COM 3781](#) | [COM 3930](#) | [COM 3931](#) | [COM 4180](#) | [COM 4265](#) | [COM 4323](#) | [COM 4601](#) | [COM 4602](#) | [COM 4603](#) | [COM 4604](#) | [COM 4605](#) | [COM 4606](#) | [COM 4607](#) | [COM 4899](#) | [COM 4900](#) | [COM 4930](#) | [COM 4940](#) | [COM 4950](#)

COM 1101: INTRODUCTION TO INTERPERSONAL COMMUNICATION (5) Offerings

In this fundamental course in communication between people, class sessions incorporate lectures with discussion and examples from popular culture and media. The focus of this course is on direct application of basic communication concepts essential to our daily lives. Topics include perception, gender, and culture and their effects on ourselves and others; self-expression and disclosure; friendship, family, and dating; verbal and nonverbal cues and their meanings; listening; and conflict management.

Attributes: WK Humanities

COM 1321: PUBLIC SPEAKING (5) Offerings

Analyzes platform speaking; includes analysis, preparation and presentation of formal speeches. Includes rhetorical criticism of significant models. Recommended for students planning to major in communication; open to other students as well.

Attributes: WK Humanities

COM 1930: FORENSICS PRACTICUM (1-2) Offerings

Provides experience in co-curricular speech activities. Meets weekly by arrangement; individual coaching conferences. May be repeated for credit up to 12 credits.

Restrictions: Junior, Senior students are excluded.

COM 1931: COMMUNICATION PRACTICUM (1-2) Offerings

Provides field experience in communication activities with faculty guidance in selection, preparation and review; application to campus ministry teams, speakers' bureau, and other contexts. May be repeated for credit up to 12 credits.

Restrictions: Junior, Senior students are excluded.

COM 2227: SMALL GROUP DISCUSSION AND LEADERSHIP (5) Offerings

Develops awareness of and experience in the processes of small, co-acting group activity; examines and applies theories of structure, climate, roles, norms, and leadership in planning and managing member participation. Explores group effort in fact-finding, problem-solving, and decision making.

COM 2323: ARGUMENTATION: ART OF INFERENCE (5) Offerings

Examines ambiguity, analysis, evidence, observation and inference; applies principles of reasoning to significant issues through extensive practice in public discourse, questioning, response to questions, refutation, and negotiation.

COM 3001: THEORIES OF COMMUNICATION (5) Offerings

Examines theories of human communication and introduces a range of research methodologies used in investigating and creating

those theories. Prerequisite for COM 4142 and 4899.

Attributes: Upper-Division, Writing "W" Course

COM 3160: CONFLICT MANAGEMENT (5) [Offerings](#)

Introduces students to the work of managing conflict well in a variety of contexts (personal relationships, business settings, disputes between friends, etc.). Explores both the theory and practice of conflict management; trains students in methods of conflict resolution and examines the related skills of negotiation and mediation.

Attributes: Upper-Division

COM 3628: FOUNDATIONS OF WESTERN RHETORIC (5) [Offerings](#)

Examines theories of communication and persuasion from ancient times to the fifth century A.D. Intensively studies selected Greek and Roman rhetorical treatises.

Attributes: Upper-Division, Writing "W" Course

COM 3629: MODERN RHETORICAL THEORY (5) [Offerings](#)

Examines theories of communication and persuasion from the 15th century to the present, with special emphasis on European and American rhetorical theorists.

Attributes: Upper-Division, Writing "W" Course

COM 3700: HEALTH COMMUNICATION (3) [Offerings](#)

Health Communication is a field within Communication Studies that seeks to investigate the manner in which individuals, campaigns, and healthcare providers deliver and receive messages regarding health related phenomena within a variety of contexts. These contexts can include but are not limited to, the family, healthcare settings, the media, and the self. This course provides an overview of current scholarship focused on health communication with the goal of developing students' understanding of theories, issues, and methodologies that cover the field. In addition, this course will explore and examine the sociohistorical, interpersonal, narrative, and translational aspects of health in order for students to become more mindful, educated, and effective health communicators.

Attributes: Upper-Division **Restrictions:** Communication, Nursing, Nursing-INT Majors only. Freshman students are excluded. **Prerequisites:** COM 1101: D or better

COM 3701: APPLIED HEALTH COMMUNICATION (2) [Offerings](#)

This course allows students to practice health communication research by participating in a service-learning project. Thus, the project serves to highlight the overarching objective of this course: for students to learn to develop a commitment to social justice.

Attributes: Upper-Division **Restrictions:** Junior, Senior, Sophomore students only.

COM 3780: INTRODUCTION TO FILM (5) [Offerings](#)

The goal of this course is to develop students' abilities to view films critically and to deepen their understanding of the film experience. The course first teaches analysis of narrative strategies, shot properties, mise-en-scene, editing, acting, and the use of sound in film, particularly classical Hollywood cinema. The course then focuses on the study of different genres of films and how cinematic elements create meaning.

Attributes: Upper-Division, WK Arts, Writing "W" Course **Restrictions:** Freshman students are excluded.

COM 3781: A WORLD ON FILM (5) [Offerings](#)

This course explores a range of international films. We will take a comparative, case-study approach to show how movies variously represent the vision and values of filmmakers around the world. Thus, this course is a grand survey of movies that aims through viewing, discussing, reading, and writing about foreign films to teach critical thinking about and appreciation of film art and international filmmaking. Typically offered: Summer, Spring.

Equivalents: FLM 3781 **Attributes:** Cultural Understand&Engagement, Upper-Division, Ways of Engaging, Writing "W" Course **Restrictions:** Freshman students are excluded.

COM 3930: FORENSICS PRACTICUM (1-2) [Offerings](#)

Provides experience in co-curricular speech activities. Meets weekly by arrangement; Individual coaching conferences. May be repeated for credit up to 12 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

COM 3931: COMMUNICATION PRACTICUM (1-2) [Offerings](#)

Provides field experience in communication activities with faculty guidance in selection, preparation and review; application to campus ministry teams, speakers' bureau, and other contexts. May be repeated for credit up to 12 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

COM 4180: CULTURAL COMMUNICATION (5) [Offerings](#)

This course explores how to productively and sensitively interact with people from cultures that differ from our own. We explore the dimensions across which cultures vary through a variety of in-class activities, lectures, films, and stories. Students will gain an understanding of cultural differences around the world and will gain some skills to communicate competently in a variety of cultural settings.

Attributes: Cultural Understand&Engagement, Upper-Division

COM 4265: ORGANIZATIONAL COMMUNICATION (5) [Offerings](#)

Examines how communication functions within organizations and explores use of communication to improve employee relationships and organizational effectiveness.

Attributes: Upper-Division

COM 4323: PERFORMING LITERATURE (5) [Offerings](#)

Analyzes literary works for the purpose of presenting them in oral performance; provides opportunities for guided practical experience in storytelling, lyric poetry, and dramatic reading.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

COM 4601: COMMUNICATION SEMINAR: ADVANCED PUBLIC SPEAKING (5) [Offerings](#)

Advances application of speech principles to prepare public address for various contexts; provides individualized instruction in research, organization, composition, style, and presentation.

Attributes: Upper-Division **Restrictions:** Communication Majors only. Post-Baccalaureate, Senior students only.
Prerequisites: COM 1321: D or better

COM 4602: COMMUNICATION SEMINAR: ADVANCED INTERPERSONAL COMMUNICATION (5) [Offerings](#)

Focuses on selected communication theories, research and application pertaining to romantic, friendship, and family relationships.

focuses on selected communication theories, research and application pertaining to romantic, friendship and family relationships.

Attributes: Upper-Division **Restrictions:** Communication Majors only. Post-Baccalaureate, Senior students only.
Prerequisites: COM 1101: D or better AND COM 3001: D or better

COM 4603: COMMUNICATION SEMINAR: PERSUASIVE CAMPAIGNS (5) [Offerings](#)

Evaluates the role of persuasion in society; the role of symbolic persuasion; production and reception of persuasive messages; the persuasive event and the persuasive campaign; ethical questions in social influence.

Attributes: Upper-Division **Restrictions:** Communication Majors only. Post-Baccalaureate, Senior students only.

COM 4604: COMMUNICATION SEMINAR: WRITING FILM CRITICISM (5) [Offerings](#)

This course develops students' abilities to think, write, and express ideas effectively and creatively through the study and practice of film criticism. Film criticism at best is an activity that engages the critic, aesthetically, psychologically, morally, emotionally, and politically. Our study of aesthetic and critical practices will provide valuable tools in our larger exploration of the relationship between knowledge, values, artistic expression, and vocation choices. We will examine reviews by leading U.S. film critics whose work has appeared in wide-circulation periodicals over the past 75 years, as well as associated films.

Equivalents: FLM 4899 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Communication Majors only. Post-Baccalaureate, Senior students only.

COM 4605: COMMUNICATION SEMINAR: GENDER COMMUNICATION (5) [Offerings](#)

Focuses on interactive relationships between gender and communication in contemporary American society. Students explore multiple ways communication in families, schools, media, and society in general create and perpetuate gender. They also examine how people enact socially-created gender differences in public and private settings and how this affects success, satisfaction, and self-esteem. Finally, students consider not only what is in terms of gender roles, but what also might be and how they, as change agents, may act to improve their individual and collective lives.

Attributes: Upper-Division **Restrictions:** Communication Majors only. Post-Baccalaureate, Senior students only.

COM 4606: COMMUNICATION SEMINAR: SPECIAL TOPICS (5) [Offerings](#)

Explores special topics, with emphasis on theories and research not normally examined in the regular curriculum. Typically Offered: Varies.

Attributes: Upper-Division **Restrictions:** Communication Majors only. Post-Baccalaureate, Senior students only.

COM 4607: COMMUNICATION SEMINAR: RHETORIC OF DISSENT (5) [Offerings](#)

Considers discourse in its rhetorical, historical, political, social, and religious contexts and pays particular attention to women and minority voices. Typically offered: Autumn.

Attributes: Cultural Understand&Engagement, Upper-Division **Restrictions:** Communication, Soc Justice/Cultural Studies Majors only. Senior students only.

COM 4899: COMMUNICATION ETHICS (CAPSTONE) (5) [Offerings](#)

This senior level capstone course uses case studies to explore ethical foundations of communication practices and test methods of moral reasoning.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Communication Majors only. Post-Baccalaureate, Senior students only. **Prerequisites:** COM 3001: D or better

COM 4900: INDEPENDENT STUDY (1-5) [Offerings](#)

Individual research and conferences in area of specialization. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

COM 4930: INSTRUCTIONAL PRACTICUM (1-5) [Offerings](#)

Provides selected students with experience as undergraduate teaching assistants in lower-division courses. May be repeated for credit 2 times.

Attributes: Upper-Division **Restrictions:** Communication Majors only.

COM 4940: COOP EDUCATION: INTERNSHIP IN COMMUNICATION (1-5) [Offerings](#)

Prerequisites: 15 credits of B work in communication; an approved internship plan; and COM 3001. Provides supervised application of interpersonal and public communication skills in the marketplace. May be repeated for credit up to 10 credits.

Attributes: Upper-Division

COM 4950: ADVANCED TOPICS IN COMMUNICATION (1-5) [Offerings](#)

Explores selected topics in communication, with emphasis on theories and research not normally examined in regular curriculum. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

Data

[DAT 3380](#) | [DAT 4500](#)

DAT 3380: INTRODUCTION TO DATA SCIENCE (5) [Offerings](#)

An introduction to data science using R. This course provides an overview of concepts, skills, and technologies used for working with large, complex, and messy datasets. Provides an introduction to the full data workflow, from data acquisition and cleaning to exploration, analysis, visualization, and communication of final results. Explores ethical and social considerations inherent in working with "big data", including privacy, design, reproducibility, and bias. Using real-world datasets, students will explore, visualize, and pose questions about data.

Attributes: Upper-Division **Prerequisites:** MAT 2360: D or better OR PSY 2360: D or better OR SOC 2360: D or better OR CRIM 2360: D or better OR BUS 2700: D or better OR MAT 2700: D or better OR MAT 2200: D or better OR EGR 2200: D or better

DAT 4500: DATA AND SOCIETY (5) [Offerings](#)

In this course students will analyze, writeup, and publish insights on real-world data. In addition, students will explore and reflect on social, ethical, and theological implications of data and the practice of data analytics. Typically offered: Spring. May be repeated for credit 2 times.

Attributes: Upper-Division **Prerequisites:** MAT 3380: D or better

Biology

[BIO 1101](#) | [BIO 1103](#) | [BIO 1104](#) | [BIO 1105](#) | [BIO 1106](#) | [BIO 1107](#) | [BIO 1121](#) | [BIO 1123](#) | [BIO 1145](#) | [BIO 1859](#) |
[BIO 2101](#) | [BIO 2101L](#) | [BIO 2102](#) | [BIO 2102L](#) | [BIO 2103](#) | [BIO 2103F](#) | [BIO 2103L](#) | [BIO 2129](#) | [BIO 2129L](#) | [BIO 2130](#) |
[BIO 2130L](#) | [BIO 2571](#) | [BIO 2571F](#) | [BIO 2571L](#) | [BIO 2979](#) | [BIO 3000](#) | [BIO 3200](#) | [BIO 3302](#) | [BIO 3303](#) | [BIO 3304](#) |
[BIO 3305](#) | [BIO 3310](#) | [BIO 3310F](#) | [BIO 3310L](#) | [BIO 3320](#) | [BIO 3320L](#) | [BIO 3325](#) | [BIO 3325L](#) | [BIO 3350](#) |
[BIO 3351](#) | [BIO 3351L](#) | [BIO 3432](#) | [BIO 3432L](#) | [BIO 3434](#) | [BIO 3434L](#) | [BIO 3453](#) | [BIO 3453F](#) | [BIO 3453L](#) |
[BIO 3615](#) | [BIO 3898](#) | [BIO 3899](#) | [BIO 4256](#) | [BIO 4325](#) | [BIO 4325L](#) | [BIO 4330](#) | [BIO 4330L](#) | [BIO 4352](#) |
[BIO 4352L](#) | [BIO 4360](#) | [BIO 4361](#) | [BIO 4410](#) | [BIO 4410L](#) | [BIO 4413](#) | [BIO 4413L](#) | [BIO 4415](#) | [BIO 4415L](#) |
[BIO 4418](#) | [BIO 4418L](#) | [BIO 4420](#) | [BIO 4420L](#) | [BIO 4435](#) | [BIO 4435L](#) | [BIO 4744](#) | [BIO 4810](#) | [BIO 4815](#) |
[BIO 4825](#) | [BIO 4835](#) | [BIO 4840](#) | [BIO 4840L](#) | [BIO 4880](#) | [BIO 4899](#) | [BIO 4900](#) | [BIO 4917](#) | [BIO 4918](#) | [BIO 4930](#) |
[BIO 4940](#) | [BIO 4950](#) | [BIO 4970](#) | [BIO 4978](#) | [BIO 4979](#) | [BIO 4982](#)

BIO 1101: BIOLOGICAL FUNDAMENTALS (5) Offerings

Intended for non-biology majors. This course is focused on fundamental biological principles. Emphasis varies quarterly: animal biology, biological diversity, marine biology, and others. Basic concepts include Mendelian genetics and evolutionary theory. Biological theories and laws are related to Christian perspectives.

Attributes: WK Fundamental Science

BIO 1103: APPLICATIONS OF BIOLOGY (5) Offerings

Intended for non-biology majors. This course focuses on the application of biological principles to issues of human concern. Emphasis varies quarterly: Human biology, environmental biology, and others. Basic concepts include Mendelian genetics and evolutionary theory. Biological theories and laws are related to Christian perspectives.

Attributes: WK Applied Science

BIO 1104: ENVIRONMENTAL SCIENCE (5) Offerings

Intended for non-majors. This course, held at our Blakely Island Field Station, introduces environmental science and ways that humans interact with the natural world. Topics covered may include geology, global climate, ocean chemistry, and fisheries and forest management. We will examine these topics with a multi-disciplinary approach, employing not only science but also economics and political science.

Attributes: WK Applied Science

BIO 1105: MARINE RESTORATION ECOLOGY (5) Offerings

Principles of marine restoration ecology as well as supporting system-specific content to support a specific marine restoration project will be examined. For example, this course is offered as a study-abroad opportunity in Bali, Indonesia where coral reef restoration in an area damaged by cyanide fishing will be used as a focal project. The economic, political, and sociological drivers of human-environment interactions will be considered.

Attributes: Cultural Understand&Engagement, WK Applied Science

BIO 1106: ECOLOGICAL FUNDAMENTALS (5) Offerings

Intended for non-biology majors. This course will focus on the biological field of ecology, which investigates the interactions between living things and their environment. Topics to be covered may include population growth, community interactions (e.g., predation and competition), ecosystem services (e.g., nutrient cycling), and global ecology (e.g., climate change). Ecological principles will be connected to theological principles with particular focus on the development of scientifically informed Creation

principles that are connected to biological principles that particular focus on the development of cognitively informed education care.

Attributes: WK Fundamental Science

BIO 1107: INTRODUCTION TO FORENSIC SCIENCE (5) Offerings

This course examines the principals, theories and practices of forensic science utilized within the law enforcement community and the American legal system. Forensic science is the study and application of science to the process of law and involves the collection, examination, evaluation and interpretation of evidence. Students will gain a basic understanding of the scientific and analytical approach to determining the value of evidence as it relates to the court of law, with special attention to forensic anthropology. Typically offered: Alternate Years, Spring.

Attributes: WK Applied Science

BIO 1121: CORAL REEF ECOLOGY (5) Offerings

This course examines the structure and function of living organisms and how these organisms interact with their environment, using the Belizean Coral Reef ecosystem as a model. The diversity of fishes, algae, seaweeds, corals, and other organisms will be considered.

Attributes: Cultural Understand&Engagement, WK Fundamental Science

BIO 1123: HUMANS AND CORAL REEFS (5) Offerings

The impact of humans on the environment will be examined via a study of the ecology of the Belizean Coral Reef ecosystem. The cultures and history of Belize will also be considered, especially in light of impacts on the environment.

Attributes: Cultural Understand&Engagement, WK Applied Science

BIO 1145: OCEANOGRAPHY (5) Offerings

An integrative course focused on fundamental biological, chemical, physical and geological principles of oceanography. Includes consideration of the scientific method and current research.

Equivalents: PHY 1145 **Attributes:** WK Fundamental Science

BIO 1859: BIOLOGY CORNERSTONE SEMINAR (1) Offerings

A gateway to the study of biology intended for all students who plan to major in biology. Emphasis is on building successful networks between freshmen and upperclassmen Biology students and Biology faculty. Students will participate in workshops on degree planning, discussion of research papers and career discernment.

BIO 2101: GENERAL BIOLOGY (5) Offerings

Intended for students majoring in biology. Surveys scientific method, chemistry of living organisms, organization of cells, and foundations of genetics and molecular biology. Includes laboratory. Extra Fee.

Attributes: WK Fundamental Science **Prerequisites:** CHM 1211: C- or better OR CHM 1310: C- or better OR Chemistry Proficiency Exam: 35 or better **Fees:** Biology Laboratory Fee

BIO 2101L: GENERAL BIOLOGY LAB (0) Offerings

Lab Component of BIO 2101.

BIO 2102: GENERAL BIOLOGY (5) Offerings

Intended for students majoring in biology. Surveys animal classification, structure, function, development, and behavior. Includes laboratory. Extra Fee.

Prerequisites: BIO 2101: C- or better AND Math Placement Level: B or better **Fees:** Biology Laboratory Fee

BIO 2102L: GENERAL BIOLOGY LAB (0) Offerings

Lab Component of BIO 2102.

BIO 2103: GENERAL BIOLOGY (5) Offerings

Intended for students majoring in biology. Surveys the non-animal kingdoms. Also covers plant structure and function, evolutionary mechanisms, and ecology. Includes laboratory. Extra Fee.

Attributes: WK Applied Science **Prerequisites:** BIO 2101: C- or better AND Math Placement Level: B or better **Fees:** Biology Laboratory Fee

BIO 2103F: GENERAL BIOLOGY FIELD EXPERIENCE (0) Offerings

Field experience for BIO 2103.

Fees: Blakely/NMS Course Fee

BIO 2103L: GENERAL BIOLOGY LAB (0) Offerings

Lab Component of BIO 2103.

BIO 2129: HUMAN ANATOMY AND PHYSIOLOGY (5) Offerings

Studies the structure and function of the human organism. Includes cells and tissues, skeletal, integumentary, muscular, and nervous systems. Includes laboratory. Credit will not be given for both BIO 2129 and BIO 4410. Extra Fee. Typically offered: Autumn, Summer.

Attributes: WK Applied Science **Prerequisites:** CHM 1100: C- or better OR CHM 1211: C- or better OR CHM 1310: C- or better OR Chemistry Proficiency Exam: 35 or better **Fees:** Biology Laboratory Fee

BIO 2129L: HUMAN ANATOMY & PHYSIOLOGY LAB (0) Offerings

Lab Component of BIO 2129.

BIO 2130: HUMAN ANATOMY AND PHYSIOLOGY (5) Offerings

Studies the structure and function of the human organism. Emphasizes the circulatory, immune, respiratory, digestive, endocrine, urinary, and reproductive systems. Includes laboratory. Credit will not be given for both BIO 2130 and BIO 4410. Extra Fee.

Prerequisites: BIO 2129: C- or better **Fees:** Biology Laboratory Fee

BIO 2130L: HUMAN ANATOMY & PHYSIOLOGY LAB (0) Offerings

Lab Component of BIO 2130.

BIO 2571: INTRODUCTION TO BIOLOGY (5) [Offerings](#)

Intended for students majoring in Integrated Studies. Surveys scientific method, chemistry of living organisms, organization of cells, foundations of genetics and molecular biology, evolution, ecology, and diversity. Includes laboratory. Extra Fee.

Attributes: WK Fundamental Science **Prerequisites:** PHY 2567: D or better OR CHM 1211: D or better OR (CHM 1310: D or better OR Chemistry Proficiency Exam: 30 or better) **Fees:** Biology Laboratory Fee

BIO 2571F: INTRODUCTION TO BIOLOGY: FIELD EXPERIENCE (0) [Offerings](#)

Field experience for BIO 2571.

Fees: Blakely/NMS Course Fee

BIO 2571L: INTRODUCTION TO BIOLOGY LAB (0) [Offerings](#)

Lab Component of BIO 2571.

BIO 2979: INTRODUCTION TO BIOLOGICAL RESEARCH (1) [Offerings](#)

The student will conduct research in a laboratory based on an existing project established by the faculty member as an introduction to the process of research in general and to that faculty member's research in particular. May be repeated for credit 2 times.

BIO 3000: INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY (5) [Offerings](#)

Introduces basic principles for understanding humans from a biological perspective. This course is a comprehensive introduction to the field of biological anthropology. Explores topics of human and non-human primate genetics, behavior, and evolution, as well as human ecology and medical anthropology. Typically offered: Autumn.

Equivalents: ANT 3000 **Attributes:** Cultural Understand&Engagement, Upper-Division, Ways of Engaging
Restrictions: Freshman, Sophomore students are excluded. **Prerequisites:** BIO 1101: C- or better OR BIO 1103: C- or better OR BIO 2103: C- or better OR BIO 2571: C- or better

BIO 3200: GEOGRAPHIC INFORMATION SYSTEMS IN BIOLOGY (3) [Offerings](#)

This course provides an introduction to the use of Geographic Information Systems. Specifically, the student will learn how to use ArcGIS with prepared data sets and will create their own GIS database based on field observations as a term project.

Equivalents: GDEV 3200 **Attributes:** Upper-Division

BIO 3302: CORAL REEF ECOLOGY (5) [Offerings](#)

This study abroad course examines the coral reef ecosystem, with a special emphasis on the coral animals, fish, and seaweeds found at the study site. The interactions among different species and between each and the physical environment are considered. Students learn through evening lectures as well as daytime observations, measurements and manipulative experiments.

Attributes: Cultural Understand&Engagement, Upper-Division **Prerequisites:** BIO 2101: D or better

BIO 3303: EVOLUTIONARY ECOLOGY IN THE GALAPAGOS ISLANDS (5) [Offerings](#)

This is a study tour of the Galapagos Islands. During the course, we will explore the marine and terrestrial ecosystems of the Galapagos Islands, emphasizing the evolutionary and ecological factors that structure these communities.

Attributes: Upper-Division **Prerequisites:** BIO 2101: D or better AND BIO 2103: D or better

BIO 3304: OCEANOGRAPHY OF THE GALAPAGOS ARCHIPELAGO (5) [Offerings](#)

This is a study tour of the Galapagos Islands. During the course we will explore the interdisciplinary study of oceanography within the context of the Galapagos Archipelago. Topics will include geologic formation of islands, oceanic currents, major climatic events, nutrient cycling and marine biodiversity.

Attributes: Upper-Division **Restrictions:** Applied Human Biology, Biology, Cellular and Molecular Biology, Ecology, Physiology Majors only. **Prerequisites:** BIO 2101: C- or better AND BIO 2103 can be taken concurrently: C- or better AND BioCORE Placement Current: 3 or better

BIO 3305: MARINE RESTORATION ECOLOGY (5) [Offerings](#)

Principles of marine restoration ecology as well as supporting system-specific content to support a specific marine restoration project will be examined. For example, this course is offered as a study-abroad opportunity in Bali, Indonesia where coral reef restoration in an area damaged by cyanide fishing will be used as a focal project. The economic, political, and sociological drivers of human-environment interactions will be considered.

Attributes: Cultural Understand&Engagement, Upper-Division **Prerequisites:** BIO 1104: D or better OR BIO 1106: D or better OR BIO 2102: D or better OR BIO 2103: D or better

BIO 3310: ECOLOGY (5) [Offerings](#)

Explores the factors and mechanisms responsible for population dynamics, community structure, and the function of ecosystems. Includes laboratory. Extra Fee.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** (BIO 2101: D or better AND BIO 2103: D or better) OR MAT 2360 can be taken concurrently: D or better AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 3310F: ECOLOGY FIELD EXPERIENCE (0) [Offerings](#)

Field experience for BIO 3310.

Fees: Blakely/NMS Course Fee

BIO 3310L: ECOLOGY LAB (0) [Offerings](#)

Lab Component of BIO 3310.

BIO 3320: PRINCIPLES OF DEVELOPMENT (5) [Offerings](#)

Surveys principles of developmental biology in representative vertebrate and invertebrate models. Required laboratory is devoted to experimental and descriptive approaches to the study of development. Extra Fee.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** BIO 2101: C- or better AND BIO 2102: C- or better AND BIO 3325: C- or better AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 3320L: PRINCIPLES OF DEVELOPMENT LAB (0) [Offerings](#)

Lab Component of BIO 3320.

BIO 3325: GENETICS (5) [Offerings](#)

Introduces inheritance of specific traits through the study of transmission genetics. Focuses on the biology of gene transmission,

nucleic acids, chromosome structure, regulation, epigenetics, genetic disease, and biotechnology. Research methods are stressed throughout the course.

Attributes: Upper-Division **Restrictions:** Applied Human Biology, Biochemistry, Biology, Cellular and Molecular Biology, Chemistry, Ecology, Life Science, Physiology Majors only. **Prerequisites:** BIO 2101: C- or better AND (MAT 2360: C- or better OR MAT 1235: C- or better) AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 3325L: GENETICS LAB (0) Offerings

Lab Component of BIO 3325.

BIO 3350: IMMUNOLOGY (3) Offerings

Covers major features of innate and adaptive immunity including: Antibodies, T cell receptors, leukocyte development, responses to bacterial and viral infections, vaccines, and disorders of the immune system such as allergy, autoimmunity, and AIDS.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** BIO 2101: C- or better OR (BIO 2129: C- or better AND BIO 2130: C- or better) AND BioCORE Placement Current: 3 or better

BIO 3351: GENERAL MICROBIOLOGY (5) Offerings

Clinically focused overview of the field of microbiology with an emphasis on the bacterial, viral and fungal organisms that cause disease in humans. Required laboratory focuses on the appropriate handling, growth, and identification of microorganisms in clinical applications.

Attributes: Upper-Division **Prerequisites:** BIO 2101: C- or better OR (BIO 2129: C- or better AND BIO 2130: C- or better) OR BIO 2571: C- or better **Fees:** Biology Laboratory Fee

BIO 3351L: GENERAL MICROBIOLOGY LAB (0) Offerings

Lab Component of BIO 3351.

BIO 3432: BIODIVERSITY: VERTEBRATE BIOLOGY (5) Offerings

Examines vertebrate life in an evolutionary context through the study of adaptations, comparative anatomy, paleontology, and natural history. Includes laboratory.

Attributes: Upper-Division **Prerequisites:** (BIO 2102: C- or better AND BIO 2103: C- or better) OR BIO 2571: C- or better AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 3432L: BIODIVERSITY: VERTEBRATE BIOLOGY LAB (0) Offerings

Lab Component of BIO 3432.

BIO 3434: ANIMAL BEHAVIOR (5) Offerings

Examines the mechanisms and evolution of behavior in the major animal groups, exploring the application of scientific thinking and methodology to the study of animal behavior. Includes laboratory/discussion. Typically offered: Spring, Summer.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** (BIO 2102: C- or better AND BIO 2103: C- or better) OR BIO 2571: C- or better AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 3434L: ANIMAL BEHAVIOR LAB (0) Offerings

Lab Component of BIO 3434.

BIO 3453: BIODIVERSITY: PLANT IDENTIFICATION AND TAXONOMY (5) Offerings

Explores sampling, identification, and systematics of the major plant families with special emphasis on the flora of the Pacific Northwest. Includes laboratory/field studies. Extra Fee.

Attributes: Upper-Division **Prerequisites:** (BIO 2103: D or better OR BIO 2571: D or better) AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 3453F: BIODIVERSITY: PLANT IDENTIFICATION AND TAXONOMY-FIELD EXPERIENCE (0) Offerings

Field experience for BIO 3453.

Fees: Blakely/NMS Course Fee

BIO 3453L: BIODIVERSITY: PLANT IDENTIFICATION AND TAXONOMY LAB (0) Offerings

Lab Component of BIO 3453.

BIO 3615: ISSUES AND VALUES IN BIOLOGY (3) Offerings

Examines ethical issues in biology and medicine that help shape a Christian worldview and value system. This immersive seminar-style course draws on readings in bioethics, health care, history, medical anthropology, philosophy, and science. Students will engage topics through multimedia resources, short written responses and a comprehensive research paper.

Attributes: Upper-Division, Ways of Engaging, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.

BIO 3898: WOMEN IN SCIENCE (2) Offerings

This course will explore key scientific discoveries with a specific focus on the work of women scientists and the ways in which our understanding of the world has been heavily impacted by successes of these scientists. This course takes both a historical and current perspective to the contributions women scientists have made to their specific fields, including chemistry, physics, engineering, anthropology, and biology. May be repeated for credit 2 times.

Attributes: Upper-Division

BIO 3899: SCIENTIFIC LITERATURE (1) Offerings

Students will read, discuss and present recent peer-reviewed journal articles in a selected subdiscipline of biology. The focus of the course will change from quarter to quarter, depending on the interests of the professor and students. Typically offered: Autumn, Spring, Winter. May be repeated for credit 2 times.

Attributes: Upper-Division **Prerequisites:** BIO 2101: C- or better AND BIO 2102: C- or better AND BIO 2103: C- or better AND BioCORE Placement Current: 3 or better

BIO 4256: ENVIRONMENTAL PHYSIOLOGY (5) Offerings

This course focuses on how individuals respond physiologically to their environment especially to maintain homeostasis and acquire nutrients. Topics covered will include circadian rhythms and responses to various stressors (e.g. light, heat, salinity, climate change, hypoxia). Two recurring themes will include discussion of the way in which organisms balance acclimation and adaptation; and the manner in which organisms balance tradeoffs. Typically offered: Autumn, Summer.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** BIO 2102: C- or better AND BIO 2103: C- or better

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** BIO 2102: C- or better AND BIO 2103: C- or better AND MAT 2360: C- or better AND BioCORE Placement Current: 3 or better

BIO 4325: MOLECULAR BIOLOGY (5) Offerings

Detailed examination of the molecular mechanisms controlling the replication, regulation and function of nucleic acids in prokaryotes and eukaryotes. Explores foundational principles of molecular genetics, molecular microbiology, genomics and genetic engineering including the central dogma, gene regulation, genomics, biotechnology and associated techniques used by researchers in these fields. Advanced research topics in molecular microbiology will be addressed in the context of an original research project. Includes intensive laboratory.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** BIO 2101: C- or better AND BIO 3325: C- or better AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 4325L: MOLECULAR BIOLOGY LAB (0) Offerings

Lab Component of BIO 4325.

BIO 4330: EVOLUTIONARY MECHANISMS (5) Offerings

Explores population genetics as a mechanism of evolutionary change, emphasizing mutation, recombination, and selection. Considers speciation, quantitative genetics, neutral theory, phylogenetic systematics, history, and extinction. Includes discussion of micro-evolutionary and macro-evolutionary changes. Extra Fee. Includes laboratory.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Non-Matriculated are excluded. **Prerequisites:** BIO 2103: C- or better AND BIO 3325: C- or better AND MAT 2360: C- or better AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 4330L: EVOLUTIONARY MECHANISMS LAB (0) Offerings

Lab Component of BIO 4330.

BIO 4352: CELL BIOLOGY (5) Offerings

This course will examine eukaryotic cell structure and function. Overarching themes include cellular organelles, interaction of cells with the extracellular environment, cell-cell interactions, cellular movement, and cellular signaling. Includes laboratory.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** BIO 3325: C- or better AND CHM 3373: C- or better AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 4352L: CELL BIOLOGY LAB (0) Offerings

Lab Component of BIO 4352.

BIO 4360: BIostatISTICS (5) Offerings

Explores the nature and use of measurement and evaluation and standardized testing. Develops concepts and skills in the development, selection, administration, and interpretation of statistical tests. Specific topics covered may include the following: Analysis of variance and covariance; chi square tests; nonparametric procedure multiple and curvilinear regression; experimental design power of tests; and use of computer programs in standard statistical problems.

Attributes: Upper-Division **Restrictions:** Applied Human Biology, Biology, Cellular and Molecular Biology, Ecology, Life Science, Physiology Majors, Minors, Concentrations only. **Prerequisites:** (MAT 1360: D or better OR MAT 2360: D or better) AND BioCORE Placement Current: 3 or better

BIO 4361: BIOCHEMISTRY (5) Offerings

Studies chemical properties of biological compounds: carbohydrates, lipids, amino acids and proteins, and nucleic acids. Metabolism: biochemical energetics, enzymes, electron transport, and oxidative phosphorylation. Integration of metabolism: biochemical genetics, metabolic regulation. Includes laboratory. Extra Fee.

Equivalents: CHM 4361 **Attributes:** Upper-Division, Writing "W" Course **Prerequisites:** CHM 3373: C- or better **Fees:** Biology Laboratory Fee

BIO 4410: HUMAN PHYSIOLOGY (5) Offerings

Investigates human physiology from an evolutionary perspective. The study of physiological homeostasis (e.g. cell signaling and tissue dynamics, muscle contraction and development, cardiovascular and respiratory integration) will be contrasted with the same systems under stress (e.g. illness or environmental changes). No credit will be given for students who have taken BIO 2129 or BIO 2130. Includes Laboratory. Extra Fee.

Attributes: Upper-Division **Prerequisites:** BIO 2101: D or better AND BIO 2102: D or better AND (CHM 1330: D or better OR CHM 3371: D or better) AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 4410L: HUMAN PHYSIOLOGY LAB (0) Offerings

Lab Component of BIO 4410.

Attributes: Upper-Division

BIO 4413: ANIMAL PHYSIOLOGY (5) Offerings

Investigates the integrative physiology of invertebrate and vertebrate animals. The endocrine, neuromuscular, cardiovascular, respiratory, digestive and urogenital systems will be discussed. Includes laboratory. Typically offered: Autumn, Winter.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** (BIO 2101: C- or better AND BIO 2102: C- or better) OR (BIO 2129: C- or better AND BIO 2130: C- or better) AND (CHM 1330: C- or better OR CHM 3372: C- or better) AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 4413L: ANIMAL PHYSIOLOGY LAB (0) Offerings

Lab Component of BIO 4413.

BIO 4415: PLANT PHYSIOLOGY (5) Offerings

Considers photosynthesis, material transport, seed germination, growth and development, flowering and fruiting, and hormones of plants. The relationship of structure and function will be emphasized. Includes laboratory.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** BIO 2101: D or better AND BIO 2103: D or better AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 4415L: PLANT PHYSIOLOGY-LAB (0) Offerings

Lab Component of BIO 4415.

BIO 4418: NEUROBIOLOGY (5) Offerings

An introduction to the neurosciences, focusing on fundamental concepts and comparative aspects of nervous-system structure and function. Laboratory makes extensive use of invertebrate models to examine the cellular basis of behavior, including neuronal morphology, electrophysiology, and transmitter chemistry. Includes laboratory.

Attributes: Upper-Division **Prerequisites:** (BIO 2101: C- or better AND BIO 2102: C- or better) OR (BIO 2129: C- or better AND BIO 2130: C- or better) AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 4418L: NEUROBIOLOGY LAB (0) Offerings

Lab Component of BIO 4418.

BIO 4420: HISTOLOGY AND MICROSCOPIC TECHNOLOGY (5) Offerings

Examines microscopic anatomy of cells, tissues, and organ/systems, examining their structure and the morphological evidences of their function. Emphasizes human histology. Includes laboratory. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** BIO 2101: C- or better AND BIO 2102: C- or better AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 4420L: HISTOLOGY AND MICROSCOPIC TECHNOLOGY-LAB (0) Offerings

Lab Component of BIO 4420.

BIO 4435: BIODIVERSITY: PARASITES AND PESTS (5) Offerings

Explores the biology and classification of medically and economically important organisms, with emphasis on protozoa, parasitic worms, insects, and mites. Provides a survey of parasitic disease, vector biology, and animal pests of livestock and crops. Includes laboratory.

Attributes: Upper-Division **Prerequisites:** BIO 2101: C- or better AND BIO 2102: C- or better AND BIO 2103: C- or better AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 4435L: BIODIVERSITY: PARASITES & PESTS LAB (0) Offerings

Lab Component of BIO 4435.

BIO 4744: MARINE BOTANY (5) Offerings

Provides a field and laboratory course emphasizing identification, life histories, habitats, and interrelationships of marine plants with emphasis on local flora and Blakely Island. Includes laboratory. Typically Offered: Summer Quarter at Blakely Island Field Station.

Attributes: Upper-Division **Prerequisites:** (BIO 2101: D or better AND BIO 2103: D or better) OR BIO 2571: D or better AND BioCORE Placement Current: 3 or better

BIO 4810: MARINE ECOLOGY (5) Offerings

Considers recent advances in marine ecology. Symbioses, predation, herbivory, and interactions with the physical environment will be emphasized. Laboratory and field work will include the application of ecological techniques to a specific problem and will include the writing of reports describing the results. Typically offered: Summer Quarter at Blakely Island Field Station.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** (BIO 2102: D or better AND BIO 2103: D or better) OR BIO 2571: D or better AND BioCORE Placement Current: 3 or better **Fees:** Blakely/NMS Course Fee

BIO 4815: AQUATIC ECOLOGY (5) Offerings

Introduces students to the biology of freshwater organisms. The physical, chemical, and biological characteristics of flowing and standing water habitats will be studied. The field and laboratory work will focus on lakes, streams, and marshes. Typically offered:

Summer Quarter at Blakely Island Field Station.

Attributes: Upper-Division **Prerequisites:** (BIO 2101: D or better AND BIO 2102: D or better AND BIO 2103: D or better) OR BIO 2571: D or better AND BioCORE Placement Current: 3 or better

BIO 4825: FOREST ECOLOGY (5) Offerings

Examines the organisms that comprise the forest ecosystem and their interaction with the physical environment. Emphasis will be placed on field study of forest community composition and the forest as a biologically modified habitat. Typically offered: Summer Quarter at Blakely Island Field Station.

Attributes: Upper-Division **Prerequisites:** (BIO 2103: D or better OR BIO 2571: D or better) AND BioCORE Placement Current: 3 or better

BIO 4835: CONSERVATION BIOLOGY (5) Offerings

Considers values of, threats to, and strategies for conserving biodiversity. Theories of conservation biology will be applied to local biodiversity on Blakely Island. Field exercises will focus on assessing biodiversity of distinct taxa and honing skills for identifying the diversity of plants and animals near the field station.

Attributes: Upper-Division **Prerequisites:** BIO 1104: D or better OR BIO 1106: D or better OR (BIO 2101: D or better AND BIO 2102: D or better AND BIO 2103: D or better) AND BioCORE Placement Current: 3 or better

BIO 4840: CHEMICAL ECOLOGY (5) Offerings

Explores the physical, physiological, and ecological bases for chemical communication between organisms. Requires laboratory. Focuses on independent student projects using physiological and behavioral research techniques.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** BIO 2101: D or better AND BIO 2102: D or better AND BIO 2103: D or better AND BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 4840L: CHEMICAL ECOLOGY LAB (0) Offerings

Lab Component of BIO 4840.

BIO 4880: BLAKELY FIELD STUDIES (1) Offerings

Prerequisite: BioCORE placement level 3 (or admission to a major). Provides a brief (e.g., weekend) field learning experience focusing on a single aspect of the Blakely Island environment, such as fresh water, marine, or terrestrial habitats. Typically offered at Blakely Island Field Station. Course may only be repeated for credit if a different topic is studied. May be repeated for credit 5 times.

Attributes: Upper-Division **Prerequisites:** BioCORE Placement Current: 3 or better **Fees:** Blakely/NMS Course Fee

BIO 4899: NATURAL SCIENCES SEMINAR (1) Offerings

Prerequisite: BioCORE placement level 3 (or admission to a major). A capstone experience for seniors that explores current natural sciences topics in an interdisciplinary setting. Seminars addressing current research advances, ethical issues in science, or the intersection of science, vocation, and Christian faith are presented by faculty, students, and guest scholars. Discussion and reflection incorporate appropriate readings. A minimum of two quarters of seminar must be completed during the senior year to fulfill the senior capstone requirement. May be repeated for credit 3 times.

Equivalents: PHY 4899, CHM 4899 **Attributes:** Upper-Division **Restrictions:** Post-Baccalaureate, Senior students only. **Prerequisites:** BioCORE Placement Current: 3 or better

BIO 4900: INDEPENDENT STUDY IN BIOLOGY (1-5) [Offerings](#)

Prerequisite: BioCORE placement level 3 (or admission to a major). Directed readings and/or investigation on special topics. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Prerequisites:** BioCORE Placement Current: 3 or better

BIO 4917: LATIN AMERICAN STUDIES PROGRAM: SCIENCE SEMINAR (6) [Offerings](#)

Prerequisite: Acceptance into Latin American Studies program. Taught through the semester-long program of the Council for Christian Colleges and Universities in Costa Rica. This seminar introduces students to biological field studies in a tropical location. May be taken as an alternative to SBS 4919, but is not recommended for the LAS major. Part of the tropicals science track.

Attributes: Upper-Division **Restrictions:** Freshman, Non-Matriculated students are excluded.

BIO 4918: LATIN AMERICAN STUDIES PROGRAM: FIELD RESEARCH (3) [Offerings](#)

Prerequisite: Acceptance into the Latin American Studies program. Taught through semester-long program of the Council for Christian Colleges and Universities in Costa Rica. Part of the tropical science track.

Attributes: Upper-Division

BIO 4930: BIOLOGY PRACTICUM (1-5) [Offerings](#)

Prerequisite: BioCORE placement level 3 (or admission to a major). Provides opportunity for applied biology. Selected students are assigned teaching, grading, lab preparation, and/or tutoring responsibilities. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Prerequisites:** BioCORE Placement Current: 3 or better

BIO 4940: INTERNSHIP IN BIOLOGY (1-5) [Offerings](#)

Prerequisite: BioCORE placement level 3 (or admission to a major). Provides a significant learning experience under faculty supervision in a work-study environment either on or off campus. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Prerequisites:** BioCORE Placement Current: 3 or better

BIO 4950: SPECIAL STUDIES IN BIOLOGY (1-5) [Offerings](#)

Provides selected field-study topics offered at Biology Department's discretion: Hawaiian marine biology; Caribbean marine biology (e.g., Belize); Galapagos Islands natural history; Sonoran Desert biology; Alpine flora; and others. May be repeated for credit up to 6 credits.

Attributes: Upper-Division

BIO 4970: RESEARCH METHODS IN BIOLOGY (1-5) [Offerings](#)

Prerequisite: BioCORE placement level 3 (or admission to a major). Provides theoretical foundation and practical experience in specific research methods used in the biological sciences. Each course focuses on a single research methodology, such as scanning or transmission electron microscopy (SEM, TEM), fluorescence microscopy, nucleic acid sequencing and others. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Prerequisites:** BioCORE Placement Current: 3 or better **Fees:** Biology Laboratory Fee

BIO 4978: BIOLOGICAL RESEARCH PROPOSAL (1) [Offerings](#)

Prerequisite: BioCORE placement level 3 (or admission to a major). The student will prepare a proposal including a literature review and methods description for a biological research project.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** BioCORE Placement Current: 3 or better

BIO 4979: BIOLOGICAL RESEARCH (1-4) [Offerings](#)

The student will conduct research based on a proposal prepared prior to registering for this course. Results of the research will be presented at undergraduate or professional symposia. May be repeated for credit up to 12 credits.

Attributes: Upper-Division **Prerequisites:** BIO 4978: D or better AND BioCORE Placement Current: 3 or better

BIO 4982: ADVANCED BIOLOGICAL RESEARCH (1-5) [Offerings](#)

The student will conduct research based on a proposal prepared prior to registering for this course. Results of the research will be presented at undergraduate or professional symposia. May be repeated for credit up to 30 credits.

Attributes: Upper-Division **Prerequisites:** BIO 4979: D or better AND BioCORE Placement Current: 3 or better

Criminal Justice

[CRIM 1110](#) | [CRIM 2360](#) | [CRIM 2510](#) | [CRIM 3111](#) | [CRIM 3170](#) | [CRIM 3212](#) | [CRIM 3313](#) | [CRIM 3360](#) | [CRIM 4250](#) | [CRIM 4870](#) | [CRIM 4899](#) | [CRIM 4940](#) | [CRIM 4950](#)

CRIM 1110: INTRODUCTION TO CRIMINAL JUSTICE (5) [Offerings](#)

This course provides a broad overview of the criminal justice system in the United States. This course will introduce students to the basic structure and components of criminal justice: policing, the courts, and the correctional system. A primary concern is how the criminal justice system balances the interests of the community, in terms of safety, and the rights of the individual, in terms of civil liberties.

Attributes: WK Social Sciences

CRIM 2360: INTRODUCTION TO STATISTICS IN SOCIAL AND BEHAVIORAL SCIENCES (5) [Offerings](#)

Presents the conceptual basis and application of statistical analysis in social and behavioral research. Includes descriptive statistics, correlation and regression, hypothesis testing and inferential statistics. An introduction to analysis of variance and non-parametric statistics will also be provided.

Equivalents: SOC 2360, PSY 2360 **Attributes:** WK Quantitative Reasoning **Restrictions:** Criminal Justice, Psychology, Soc Justice/Cultural Studies, Sociology Majors, Minors, Concentrations only. **Prerequisites:** (CRIM 1110: C- or better OR SOC 1110: C- or better OR PSY 1180: C- or better) AND (Math Placement Level: B or better OR MAT 0145: C- or better)

CRIM 2510: CRIMINOLOGY (5) [Offerings](#)

This course focuses on the nature, causes, and distribution of crime in the U.S. The first part of the course deals with definitional, methodological, and measurement issues in the field. The second part of the course focuses on the various social scientific attempts to explain criminal behavior and patterns of criminality. The third part of the course focuses more specifically on understanding particular types of criminal behavior: illegal drug use and crime, criminal homicide, rape, property crime, and white-collar crime. The primary concern will be an understanding of why it is that some people (or groups) are more likely to engage in criminal behavior than others.

CRIM 3111: POLICING AND COMMUNITIES (5) [Offerings](#)

This course examines policing as a profession and as a social institution, exploring the structure and culture of policing and how it has been shaped historically by its socio-cultural context. The course explores the major strategies of policing and their implications for the communities they serve (e.g., communities of color, refugee and immigrant communities). The course examines issues in contemporary policing and police reforms, with a focus on policing in an urban environment. Typically offered: Autumn.

Attributes: Upper-Division **Prerequisites:** (CRIM 1110: C- or better OR CRIM 2510: C- or better)

CRIM 3170: JUVENILE DELINQUENCY (5) [Offerings](#)

This course examines issues and concerns around the problem of juvenile crime. Topics covered include defining and measuring juvenile delinquency; theories of juvenile delinquency; individual, neighborhood, and societal explanations of delinquency; the impact of families, schools, peers, neighborhoods, and gangs on juvenile crime; and how society responds to juvenile delinquency, including efforts aimed at prevention and rehabilitation.

Attributes: Upper-Division

CRIM 3212: CRIMINAL LAW AND PROCEDURES (5) [Offerings](#)

CRIM 3212: CRIMINAL LAW AND PROCEDURES (5) Offerings

This course covers the basic principles of criminal law such as the necessary components of a crime, the basic elements of specific criminal offenses, and legally recognized excuses and justifications. This course will also investigate the legal procedure that accompanies the offenses both before and after arrest. In particular, the constitutional constraints on the government investigation of crime will be examined. Topics include search and seizure, interrogations and confessions, eyewitness identification, stop and frisk, electronic surveillance, and the right to counsel. Typically offered: Winter.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman students are excluded. **Prerequisites:** (CRIM 1110: C- or better OR CRIM 2510: C- or better)

CRIM 3313: PRISONS AND CORRECTIONS (5) Offerings

This course examines corrections as an integral part of the criminal justice system, exploring issues of imprisonment, parole, and probation, with a focus on prisons as the main correctional institution. The course examines the organizational structure and culture of prisons, including the social roles of prisoners and prison guards. The course examines historical and contemporary practices of punishment and rehabilitation (e.g., mass incarceration, the death penalty, treatment of vulnerable populations, solitary confinement), and contemporary reforms.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** (CRIM 1110: C- or better OR CRIM 2510: C- or better)

CRIM 3360: MAPPING CRIME: GEOGRAPHIC INFO (3) Offerings

This course introduces students to the use of Geographic Information Systems to learn how to use GIS software to map geographic features related to crime. Students will be equipped to locate and use datasets related to patterns of crime and the built environment. Typically offered: Spring.

Equivalents: URB 3360 **Attributes:** Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** (SOC 2360: C- or better OR CRIM 2360: C- or better OR PSY 2360: C- or better) AND (CRIM 1110: C- or better OR CRIM 2510: C- or better OR SOC 2510: C- or better)

CRIM 4250: LAW, INJUSTICE, SOCIAL CHANGE (5) Offerings

This course examines the relationship between law, justice, and social change, addressing how law and justice intersect to impact social change. The course explores how law shapes, and is shaped, by individuals, groups, organizations, and various levels of government. The course covers theoretical approaches to the sociology of law, the role of law and justice in society, and the implications for social change.

Equivalents: SOC 4250 **Attributes:** Upper-Division

CRIM 4870: SERIAL KILLERS AND PSYCHOPATHS (3) Offerings

This course will examine extreme forms of criminal homicide: serial murder, mass murder, terrorist attacks, school shootings, genocide, and cult killings. The primary focus will be on the biological, psychological, and social factors that allow us to understand and explain these events.

Attributes: Upper-Division

CRIM 4899: CAPSTONE: ALTERNATIVE JUSTICE (3) Offerings

This class provides an opportunity for students to reflect upon what they have learned in the criminal justice program and the significance of this knowledge for understanding contemporary issues in criminal justice. Students will reflect on how to partner with their communities to enhance security, justice and reconciliation. The class will address faith and ethical perspectives to criminal justice and consider alternative criminal justice models. Typically offered: Spring.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Criminal Justice Majors only. Senior students only.

CRIM 4940: INTERNSHIP (1-5) Offerings

Provides opportunities for students to integrate course learning in Criminal Justice with applied field experience. The internship program is designed for Junior or Senior Criminal Justice majors in good standing. Internships will be under the direction of the department internship coordinator and must be of clear relevance to criminal justice. A minimum of 4 hours per week of field work is required for all internships. Each credit is roughly equivalent to 4 hours per week. A maximum of 10 credits may be applied to the major. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Criminal Justice Majors only. Junior, Senior students only. **Prerequisites:** CRIM 3111 can be taken concurrently: B or better AND (CRIM 3212 can be taken concurrently: B or better OR CRIM 3313 can be taken concurrently: B or better)

CRIM 4950: SPECIAL TOPICS (5) Offerings

Topics will vary. May be repeated for credit 1 time.

Attributes: Upper-Division

Chinese

[CHN 1101](#) | [CHN 1102](#) | [CHN 1103](#) | [CHN 2000](#) | [CHN 2101](#) | [CHN 2102](#) | [CHN 2103](#) | [CHN 2200](#) | [CHN 2207](#) | [CHN 3000](#) | [CHN 4900](#) | [CHN 4950](#)

CHN 1101: ELEMENTARY MANDARIN CHINESE I (5) Offerings

For students with no previous study of Chinese. Builds proficiency in the four basic skills: understanding, speaking, reading, and writing in the Mandarin Chinese language. Investigates Chinese culture and its relationship to the language.

Attributes: Foreign Language Comp

CHN 1102: ELEMENTARY MANDARIN CHINESE II (5) Offerings

Builds proficiency in the four basic skills: understanding, speaking, reading and writing in the Mandarin Chinese language. Investigates Chinese culture and its relationship to the language.

Attributes: Foreign Language Comp **Prerequisites:** CHN 1101: D or better

CHN 1103: ELEMENTARY MANDARIN CHINESE III (5) Offerings

Builds proficiency in the four basic skills: understanding, speaking, reading, and writing in the Mandarin Chinese language. Investigates Chinese culture and its relationship to the language.

Attributes: Foreign Language Comp **Prerequisites:** CHN 1102: D or better

CHN 2000: CHINA STUDIES: CONVERSATIONAL CHINESE (4) Offerings

Prerequisite: Acceptance into the China Studies Program. This course is designed to help students gain an appreciation for the richness of the spoken national language of China. After a brief survey of the historical development of Mandarin, emphasis is placed upon acquiring a basic facility in the dialect. Emphasis is on the spoken form. Chinese language background is not required. Students come to China with varying degrees of fluency in standard (Mandarin) Chinese, so CSP places students in the Chinese language class that corresponds to their level of proficiency.

Restrictions: Freshman, Non-Matriculated students are excluded.

CHN 2101: INTERMEDIATE MANDARIN CHINESE I (5) Offerings

Reviews Chinese language structure; emphasizes progress toward communicative competence and growth in understanding and appreciating Chinese culture.

Prerequisites: CHN 1103: D or better

CHN 2102: INTERMEDIATE MANDARIN CHINESE II (5) Offerings

Reviews Chinese language structure; emphasizes progress toward communicative competence and growth in understanding and appreciating Chinese culture. Typically offered: Winter.

Prerequisites: CHN 2101: D or better

CHN 2103: INTERMEDIATE MANDARIN CHINESE III (5) Offerings

Reviews Chinese language structure; emphasizes progress toward communicative competence and growth in understanding and appreciating Chinese culture. Typically offered: Spring.

Prerequisites: CHN 2102: D or better

CHN 2200: CHINESE CULTURE - PAST AND PRESENT (5) [Offerings](#)

The course introduces traditional Chinese culture and its development. The goal is to enhance students' knowledge about China and East Asia and increase their cultural competence. Students will be able to appropriately interpret traditions and practices in Chinese culture through reading articles about different aspects of Chinese culture and participating in field trips. Required readings about Beijing opera, martial arts, language, poetry and classic Chinese novels and Taoism; field trips and hands-on experiences with some aspects of culture.

Attributes: Cultural Understand&Engagement, WK Humanities

CHN 2207: TRADITIONAL HEALTH BELIEFS AND BEHAVIORS IN CHINESE CULTURE (3) [Offerings](#)

The course introduces traditional health beliefs and practices in Chinese culture. The goal is to help students view health and life from another vantage point and increase their cultural competence. Students are able to interpret Chinese practices of keeping healthy by reading articles about Chinese health beliefs and some of the popular practices. Required readings about Confucianism, Yin/Yang, Five elements, Buddhism, Taoism, and conflicts with western concept of personality; assignments about Chinese practices to promote health.

Attributes: Cultural Understand&Engagement

CHN 3000: CHINA STUDIES: CHINESE II (4-5) [Offerings](#)

Prerequisite: Acceptance into the CCCU China Studies Program. For a current description, please see bestsemester.com.

Attributes: Upper-Division

CHN 4900: INDEPENDENT STUDY IN CHINESE LANGUAGE AND CULTURE (1-10) [Offerings](#)

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 20 credits.

Attributes: Upper-Division

CHN 4950: SPECIAL TOPICS (1-5) [Offerings](#)

Explores a special topic. Topics vary. May be repeated for credit 5 times.

Computer Science

[CSC 1007](#) | [CSC 1010](#) | [CSC 1130](#) | [CSC 1230](#) | [CSC 1521](#) | [CSC 1800](#) | [CSC 2222](#) | [CSC 2230](#) | [CSC 2330](#) | [CSC 2430](#) | [CSC 2431](#) | [CSC 2951](#) | [CSC 3000](#) | [CSC 3011](#) | [CSC 3150](#) | [CSC 3220](#) | [CSC 3221](#) | [CSC 3310](#) | [CSC 3350](#) | [CSC 3430](#) | [CSC 3750](#) | [CSC 3760](#) | [CSC 4151](#) | [CSC 4152](#) | [CSC 4210](#) | [CSC 4310](#) | [CSC 4350](#) | [CSC 4410](#) | [CSC 4430](#) | [CSC 4750](#) | [CSC 4760](#) | [CSC 4800](#) | [CSC 4898](#) | [CSC 4900](#) | [CSC 4930](#) | [CSC 4940](#) | [CSC 4941](#) | [CSC 4950](#) | [CSC 4960](#) | [CSC 4970](#)

CSC 1007: EXPLORING COMPUTER SCIENCE (1) Offerings

An experience on the construction of simple applications. Topics include fundamentals of software development, the computing professions, and trends in computer science and information technologies. Combines lectures, hands-on laboratories and application development projects. Typically offered: Summer.

CSC 1010: SCIENCE AND TECHNOLOGY (5) Offerings

A hands-on exploration of the science behind the computer, the fundamental concepts of computing, and the impacts of computing technology on 21st Century life. Topics will be selected from such areas as the history of computing, data representation and storage, applications (SW creation, simulation, games and graphics), networking and communications, and artificial intelligence. Combines lecture, discussion, and laboratory experiences.

Attributes: WK Applied Science

CSC 1130: BEGINNING PROGRAMMING (5) Offerings

Students should have demonstrable computer literacy and are recommended to have two years of high school algebra, prior to taking this course. Covers designing a computerized solution to a problem (i.e. computational thinking), and structured programming concepts and implementation skills. In addition the course provides an introduction to a modern programming language.

Attributes: WK Applied Science

CSC 1230: PROBLEM SOLVING AND PROGRAMMING (5) Offerings

Students are advised to complete high school pre-calculus, math analysis, or equivalent and demonstrable computer literacy, prior to taking this course. Intended for students majoring in computer science, computer engineering, information systems or electrical engineering. An introduction to computer science, this course covers basics of problem-solving methods and algorithm development; modern programming methodologies; and fundamentals of a high-level block structured language. Solutions to mathematical and scientific problems and scenarios are emphasized.

Attributes: WK Applied Science

CSC 1521: CONTEMPORARY MATH WITH COMPUTING (5) Offerings

Explores topics that illustrate how mathematical methods and models permeate our economics, political, and personal lives. By investigation of diverse applications, a variety of problem-solving techniques will be introduced, including using the computer as a quantitative problem-solving tool. Introduces the mathematics behind the computer and also examines data representation, storage and manipulation.

Attributes: WK Quantitative Reasoning **Prerequisites:** Math Placement Level: A or better OR MAT 0144: C- or better OR Math Placement Level: B or better OR MAT 0145: C- or better

CSC 1800: SPECIAL TOPICS IN COMPUTER USAGE (1-3) [Offerings](#)

Prerequisite: Demonstratable computer literacy. Presentation of a topic of current interest in computer usage. Topics may vary between offerings. May be repeated for credit up to 5 credits.

CSC 2222: PROGRAMMING TECHNIQUES (3) [Offerings](#)

Intermediate programming and problem-solving techniques that will introduce a different programming language than used in CSC 2330 and 2430.

Prerequisites: CSC 2330: D or better OR CSC 2430: D or better

CSC 2230: COMPUTER PROGRAMMING FOR ENGINEERS (5) [Offerings](#)

Introduction to computer programming with an engineering applications theme. Provides an introduction to computational models, programming languages and environments, and algorithmic problem solving approaches. Topics include math and logical operations, data types, matrices, conditions and decisions, looping and subroutines, numerical methods, and plotting. This course does not serve as the prerequisite to CSC 2430.

Attributes: WK Applied Science **Prerequisites:** MAT 1234: D or better

CSC 2330: DATA STRUCTURES & PROGRAMMING (5) [Offerings](#)

Prerequisites: 2.5 or better in 2 quarters (or 1 semester) of Object Oriented Programming taken outside SPU in a language other than C++. Transfer coursework must include basic programming, fundamentals of OOP and basic data structures. This course will introduce the C++ programming language to students that already have experience with another object oriented language. Fundamental C++ includes variables, control statements, functions and arrays. The course will also explore recursion, dynamic memory and pointers, classes, methods, and encapsulation. Examines linked linear data structures.

CSC 2430: DATA STRUCTURES I (5) [Offerings](#)

Develops discipline in program design, style, debugging, testing. Introduces object-oriented design with classes, methods, and encapsulation. Introduces dynamic storage allocation and pointers. Examines arrays and linked linear data structures.

Prerequisites: CSC 1230: C- or better

CSC 2431: DATA STRUCTURES II (5) [Offerings](#)

Continues object-oriented design with inheritance and polymorphism; recursion. Covers linked data structures, including trees, and other non-linear representations. Introduces methods of organizing and accessing data (hashing and indexing), external data structures, and graphs.

Prerequisites: CSC 2330: C- or better OR CSC 2430: C- or better

CSC 2951: DIRECTED STUDY: "C++" PROGRAMMING (2) [Offerings](#)

Presents fundamentals of the C++ programming language.

Prerequisites: CSC 1230: D or better

CSC 3000: COMPUTER SCIENCE INTERNSHIP PREPARATION (1) [Offerings](#)

Seminar and group discussion on topics related to the development of professional skills to prepare students for a computing career. Includes discussion of computer science and SPU's mission, leadership styles, workplace ethics, internship and resume preparation, interviewing skills development, and exploration of internship job opportunities.

Equivalents: EGR 3000 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Computer Science, Information Systems Majors only. Freshman, Sophomore students are excluded.

CSC 3011: LIVING IN A DIGITAL WORLD (3) Offerings

Considers the ethical and societal impacts of computing technology on daily life. Sample topics include invasion of privacy, digital media, computer crime, intellectual property, software theft, computer security, technology in the workplace, social networking and the global information society. Class format is a combination of lecture and discussion.

Attributes: Upper-Division, Ways of Engaging, Writing "W" Course **Restrictions:** Junior, Post-Baccalaureate, Senior students only. **Prerequisites:** UFDN 2000: D or better OR UFDN 3001: D or better

CSC 3150: SYSTEMS DESIGN (5) Offerings

Recommended Prerequisite: CSC 3220. Surveys issues and tools used in the analysis and design of software systems. Topics include feasibility analysis; requirements gathering and modeling; data modeling; system architecture and security; and user-interface and program design. Measures for the evaluation of specifications and designs are introduced.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** CSC 2330: D or better OR CSC 2430: D or better

CSC 3220: APPLICATIONS PROGRAMMING (3) Offerings

An implementation-oriented look at software development techniques used to create interactive applications, focusing on the use of object-oriented libraries to create user interfaces. Topics include event-driven programming, human-computer interaction (HCI), graphical user interfaces (GUI), database interfaces, and tools for interface prototyping.

Attributes: Upper-Division **Prerequisites:** CSC 2330: D or better OR CSC 2430: D or better

CSC 3221: NETCENTRIC COMPUTING (3) Offerings

Introduction to development of web applications. Topics include the internet and networking fundamentals, introduction to HTML, CSS and front-end programming, back-end programming, introduction to REST architecture, and database access. Typically offered: Spring.

Attributes: Upper-Division **Prerequisites:** CSC 3220: D or better

CSC 3310: CONCEPTS IN PROGRAMMING LANGUAGES (3) Offerings

Explores organization, characteristics and structure of programming languages; examines and experiments with different programming languages' domains; and studies programming language specification. Typically offered: Autumn.

Attributes: Upper-Division **Prerequisites:** CSC 2431: C- or better AND (MAT 1720: D or better OR MAT 2720: D or better)

CSC 3350: OPERATING SYSTEMS PROGRAMMING (3) Offerings

Introduction to operating systems and systems programming. Surveys systems software; operating system interface and functions; utilities and shell programming; linkers and loaders; translators; and processes, concurrency and concurrent programming.

Equivalents: CPE 3350 **Attributes:** Upper-Division **Prerequisites:** CSC 2431: C- or better AND (CSC 3750 can be taken concurrently: D or better OR CSC 3760: D or better OR EE 3760: D or better OR CPE 3760: D or better)

CSC 3430: ALGORITHM DESIGN AND ANALYSIS (3) Offerings

Studies algorithmic, problem solving approaches such as greedy, divide and conquer, and dynamic programming. Covers the design and analysis of algorithms for searching, sorting, string processing, table management, and graphs. Includes principles of computational complexity and analysis.

Attributes: Upper-Division **Prerequisites:** CSC 2431: C- or better AND (MAT 2200: D or better OR MAT 2360: D or better OR EGR 2200: D or better) AND (MAT 1720 can be taken concurrently: D or better OR MAT 2720 can be taken concurrently: D or better)

CSC 3750: COMPUTER ARCHITECTURE AND ORGANIZATION (5) Offerings

Covers digital logic, computer structure, machine language, addressing, use and operation of assemblers, micro-architectures, instruction formats, and the memory hierarchy.

Attributes: Upper-Division **Prerequisites:** CSC 2330: D or better OR CSC 2430: D or better

CSC 3760: COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE (5) Offerings

Studies organization and structuring of the major hardware components of computers. Includes mechanics of information transfer and control within a digital computer system. Introduces computer architecture, machine instruction sets and assembly language programming. Typically offered: Winter.

Equivalents: EE 3760, CPE 3760 **Attributes:** Upper-Division **Prerequisites:** (CSC 2330: D or better OR CSC 2430: D or better) AND EE 1210: D or better **Fees:** Engineering Materials Fee

CSC 4151: SOFTWARE ENGINEERING I (3) Offerings

Explores the technical processes and practice of software engineering. Lecture/discussion topics include the development process, project planning and management, measurement and metrics, and software quality assurance. In this first of a two-quarter team software development sequence, student teams will complete and present the requirements analysis and a prototype of a software system. A final grade will be awarded for this course upon completion of CSC/CPE 4152.

Equivalents: CPE 4151 **Attributes:** Upper-Division **Restrictions:** Computer Engineering, Computer Science, Information Systems Majors only. Post-Baccalaureate, Senior students only. **Prerequisites:** CSC 3150: C- or better AND (CSC 2431: C- or better OR CSC 3221: C- or better)

CSC 4152: SOFTWARE ENGINEERING II (3) Offerings

This course is a completion of a two-quarter software development experience. Student teams will implement, test and deploy systems they began in CSC 4151. Class time will be primarily devoted to the application of software engineering principles to their project, technical reviews, and formal presentation of the completed system.

Equivalents: CPE 4152 **Attributes:** Upper-Division **Restrictions:** Post-Baccalaureate, Senior students only. **Prerequisites:** CSC 4151: D or better OR CPE 4151: D or better

CSC 4210: THEORY OF COMPUTATION AND ALGORITHM (3) Offerings

Introduction to theoretical topics in computer science. Includes formal languages, automata and parsing; Turing machines, decidability, recognizability and computability. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** CSC 3310: D or better AND CSC 3430: D or better

CSC 4310: COMPILER DESIGN (3) Offerings

Studies programming language translation and compiler design concepts; language recognition, symbol table management, semantic analysis, and code generation.

Attributes: Upper-Division **Prerequisites:** CSC 3310: D or better AND (CSC 3750: D or better OR CSC 3760: D

or better OR CPE 3760: D or better OR EE 3760: D or better)

CSC 4350: ADVANCED OPERATING SYSTEMS (3) Offerings

Introduces the major functions of operating systems. Covers processes and concurrency; concurrent programming; resource allocation, contention and control; scheduling, memory management, and device management.

Equivalents: CPE 4350 **Attributes:** Upper-Division **Prerequisites:** (CSC 3350: C- or better OR CPE 3350: C- or better)

CSC 4410: DATABASE MANAGEMENT (5) Offerings

Introduces database concepts: data models; data description and manipulation languages; query facilities; data security, integrity and reliability; multi-user, distributed and web-based database processing. Includes the design and implementation of applications using a commercial DBMS.

Attributes: Upper-Division **Prerequisites:** CSC 3150: D or better

CSC 4430: ADVANCED PROGRAMMING (3-5) Offerings

Provides experience with advanced or specialized topics in software development. Topics and credits will vary; some offerings may require additional prerequisites depending on focus or environment. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Computer Engineering, Computer Science, Information Systems Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** CSC 2431: C- or better AND CSC 3221: C- or better AND CSC 3430: C- or better

CSC 4750: COMPUTER NETWORKS (5) Offerings

Recommended Prerequisite: CSC 2431. Studies concepts and terminology of computer networks, equipment, and protocols.

Equivalents: CPE 4750 **Attributes:** Upper-Division **Prerequisites:** (CSC 3750: D or better OR CSC 3760: D or better OR EE 3760: D or better OR CPE 3760: D or better) **Fees:** Engineering Materials Fee

CSC 4760: ADVANCED COMPUTER ARCHITECTURE (5) Offerings

Recommended Prerequisite: CSC 2431. Studies the architecture of multiprocessor, pipelined, and parallel computers. Emphasis is placed on principles of instruction level parallelism, multi-core processing, and distributed computing.

Equivalents: CPE 4760 **Attributes:** Upper-Division **Prerequisites:** (CSC 3750: C- or better OR CSC 3760: C- or better OR EE 3760: C- or better OR CPE 3760: C- or better) **Fees:** Engineering Materials Fee

CSC 4800: ADVANCED ISSUES IN COMPUTER SCIENCE (3-5) Offerings

Examines a special interest topic in computer science. Topics and credits may vary between offerings. Computer science minors may take this course with instructor approval. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Computer Engineering, Computer Science, Information Systems Majors only. Freshman, Sophomore students are excluded.

CSC 4898: SENIOR CAPSTONE SEMINAR (2) Offerings

This senior capstone course will explore topics and frontiers in computer science and information systems, and will review and summarize the educational experience at SPU. Preparation for a career and lifelong learning options are included. Students will investigate one or more current topic within the computing industry.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Computer Science, Information Systems Majors only. Post-Baccalaureate, Senior students only.

CSC 4900: INDEPENDENT STUDY IN COMPUTER SCIENCE (1-5) Offerings

Independent study and research in an advanced computer science topic. May be repeated for credit up to 9 credits.

Attributes: Upper-Division **Restrictions:** Computer Science, Information Systems Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** CSC 2330: B- or better OR CSC 2430: B- or better

CSC 4930: PRACTICUM IN COMPUTER SCIENCE (1-5) Offerings

Practical experience in applied computer science. Examples include academic system support and programming; tutoring, grading and lab preparation; or off-campus work experiences. Includes an assessment of Christian service issues or experiences. May be repeated for credit up to 9 credits.

Attributes: Upper-Division **Restrictions:** Computer Science, Information Systems Majors are excluded. Freshman, Sophomore students are excluded. **Prerequisites:** CSC 2330: B- or better OR CSC 2430: B- or better

CSC 4940: INTERNSHIP IN COMPUTER SCIENCE (1-5) Offerings

Provides a coordinated and supervised field experience in the computing sciences. Typically involves work in systems analysis and design, programming, quality assurance, and/or end-user support. Students will complete a project related to their vocational exploration experience. Includes an assessment of Christian service issues. May be repeated for credit up to 9 credits.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Computer Science, Information Systems Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** CSC 2330: B- or better OR CSC 2430: B- or better

CSC 4941: COMPUTER SCIENCE INTERNSHIP REVIEW (1) Offerings

Students report on their internship experiences through written reports and presentations. Students must have completed an approved engineering or computer science internship before beginning this course. An engineering or computer science learning contract is required for this course. Typically offered: Autumn.

Equivalents: EGR 4941 **Attributes:** Upper-Division **Prerequisites:** (CSC 3000: D or better OR EGR 3000: D or better)

CSC 4950: TOPICS IN COMPUTER SCIENCE (1-5) Offerings

An advanced course studying a special interest topic in computer science. Topics and credits may vary between offerings. May be repeated for credit up to 9 credits.

Attributes: Upper-Division **Restrictions:** Computer Science, Information Systems Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** CSC 2430: B- or better

CSC 4960: PROJECT IN COMPUTER SCIENCE (1-5) Offerings

Independent work on a significant project in computer science. May be repeated for credit up to 9 credits.

Attributes: Upper-Division **Restrictions:** Computer Science, Information Systems Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** CSC 2330: B- or better OR CSC 2430: B- or better

CSC 4970: DIRECTED RESEARCH IN COMPUTING SCIENCES (2-5) Offerings

The student will conduct research based on a proposal prepared prior to registering for this course. Results of the research will be

prepared for presentation at undergraduate or professional symposia. May be repeated for credit up to 9 credits.

Attributes: Upper-Division **Restrictions:** Computer Science, Information Systems Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** CSC 2431: B- or better

Education: Mathematics

[EDMA 3000](#) | [EDMA 3357](#) | [EDMA 4000](#)

EDMA 3000: MATH METHODS I: TEACHING K-8 MATHEMATICS (2) Offerings

Examines contemporary curricula and materials for teaching K-8 mathematics, with an emphasis on research, learning theory, pedagogy, methods and the use of technology. Attention is given to the NCTM Standards and Washington State K-12 Learning Standards/Common Core State Standards.

Attributes: Upper-Division **Restrictions:** Education, Education Certification Majors only. **Prerequisites:** MAT 3562: D or better

EDMA 3357: TEACHING SECONDARY MATHEMATICS (3) Offerings

Overviews content methods and strategies appropriate to the teaching of secondary school mathematics. Attention is given to developing standards of mathematical practice through the NCTM standards and Washington State K-12 Learning Standards/Common Core State Standards. Emphasis is also placed on problem solving. Recommended prior to or concurrent with first-quarter internship.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** EDU 2300: D or better

EDMA 4000: MATH METHODS II: TEACHING K-8 MATHEMATICS (2) Offerings

Seminar to examine the application of methods for teaching K-8 mathematics in a related field experience and explore contemporary issues in teaching K-8 mathematics. Special attention is given to developing instruction embedded in the Washington State K-12 Learning Standards/Common Core State Standards. There is a strong emphasis on applying questioning strategies to enhance student mathematical discourse in the classroom.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Education, Education Certification Majors only. **Prerequisites:** EDMA 3000: D or better

Education (EDU)

[EDU 1200](#) | [EDU 2100](#) | [EDU 2300](#) | [EDU 2600](#) | [EDU 3105](#) | [EDU 3106](#) | [EDU 3107](#) | [EDU 3205](#) | [EDU 3255](#) | [EDU 3361](#) | [EDU 3561](#) | [EDU 4030](#) | [EDU 4200](#) | [EDU 4250](#) | [EDU 4364](#) | [EDU 4400](#) | [EDU 4530](#) | [EDU 4899](#) | [EDU 4900](#) | [EDU 4930](#) | [EDU 4941](#) | [EDU 4942](#) | [EDU 4943](#) | [EDU 4944](#) | [EDU 4945](#) | [EDU 4946](#) | [EDU 4948](#) | [EDU 4951](#) | [EDU 4952](#)

EDU 1200: TEACHING - A NOBLE PROFESSION (1) Offerings

This course provides incoming freshmen with an overview of educational opportunities as a career and the academic requirements to gain a teaching certificate. This orientation course is recommended to all incoming freshmen interested in teaching after graduation. This course will focus on the following careers: Elementary Teacher, Secondary Teacher, School Counselor, Health/Fitness teacher, Music Teacher, Art Teacher and school administrator. Community service component is required for this course.

EDU 2100: FOUNDATIONAL ISSUES IN EDUCATION (5) Offerings

Students will investigate historical and current social, philosophical, and bureaucratic issues in education. This course emphasizes participatory and applied learning through volunteer service in King County schools and enrichment programs. The seminar style of teaching in this course allows for in-depth discussion of professional competencies, issues of abuse, components of educational writing and communication, and educational theories.

Attributes: Ways of Engaging **Restrictions:** Undergraduate only. Freshman students are excluded.

EDU 2300: DIVERSITY AND THE CLASSROOM (3) Offerings

Presents an overview of issues of diversity and exceptionality in the classroom. Students will develop a greater appreciation for cultural variations and individual differences. In addition to an overview of cultural diversity focusing on low status/historically marginalized students, and overview of special education including various categories of disabilities will be provided. Students will develop an awareness of effective educational strategies that support the learning of all students including students who have disabilities or who come from low status/historically marginalized groups. Typically Offered: Autumn, Winter, Spring.

Attributes: Cultural Understand&Engagement **Restrictions:** Freshman students are excluded. **Prerequisites:** EDU 2100 can be taken concurrently: D or better

EDU 2600: STATISTICS UNLEASHED: APPLICATION IN EDUCATION AND OTHER FIELDS (5) Offerings

This is an introductory statistics course which emphasizes understanding/applying statistical concepts/procedures. It will include visual/quantitative methods for presenting/analyzing data, common descriptive indices for univariate/bivariate data and some inferential techniques. It is designed to help provide students a modern approach to data collection, prediction, and scientific inference developed from research-based pedagogical principles. Major topics to be covered in the course include: Monte Carlo simulation methods to model chance variation; randomization and bootstrap methods for comparing groups; and the use and evaluation of models for estimation. Upon completion of this introductory course, students should have an understanding of the foundational concepts of data, variation and inference, as well as an appreciation for the fundamental role that statistics plays in a host of disciplines.

Attributes: WK Quantitative Reasoning **Prerequisites:** Math Placement Level: B or better OR MAT 0145: C- or better

EDU 3105: LABORATORY EXPERIENCE: ELEMENTARY (2) Offerings

Provides opportunity for the student to be placed in a school with diverse populations. Integration of learning and experience will be gained through observing and working with students in various classroom settings.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** EDU 2300: D or better **Fees:** SOE UG State Cert. Test Fee

EDU 3106: LABORATORY EXPERIENCE: SECONDARY (2) Offerings

Provides opportunity for the student to be placed in a school with diverse populations. Integration of learning and experience will be gained through observing and working with students in various classroom settings.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** EDU 2300: D or better **Fees:** SOE UG State Cert. Test Fee

EDU 3107: LABORATORY EXPERIENCE: K-12 (2) Offerings

Provides opportunity for the students seeking endorsements in Art, Music, Physical Education, and theater to be placed in a school with diverse populations. Integration of learning and experience will be gained through observing and working with students in various classroom settings.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** EDU 2300: D or better **Fees:** SOE UG State Cert. Test Fee

EDU 3205: ELEMENTARY GENERAL METHODS I (3) Offerings

Integrates professional interactions, observations and structured experiences in P-12 classroom focused on daily planning for effective instruction, including lesson planning, assessment of learning and student engagement within a safe and orderly learning environment. Students will consider factors associated with planning for the start of school and managing the physical, behavioral and emotional environment of the classroom.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Education Certification Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** EDU 2300: D or better

EDU 3255: SECONDARY GENERAL METHODS I: PLANNING FOR INSTRUCTION AND CLASSROOM MANAGEMENT (3)

Offerings

Integrates professional interactions, observations and structured experiences in P-12 classroom focused on daily planning for effective instruction, including lesson planning, assessment of learning and student engagement within a safe and orderly learning environment. Students will consider factors associated with planning for the start of school and managing the physical, behavioral and emotional environment of the classroom.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Education Certification Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** EDU 2300: D or better

EDU 3361: SECONDARY ENGLISH METHODS (3) Offerings

Explores teaching and planning methods and materials appropriate for middle school and senior high school students. Based on essential learnings, the course considers various learning styles, ethical instructional practices, literary works and writing activities in creating and sharing ideas and projects.

Attributes: Upper-Division **Prerequisites:** EDU 2300: D or better

EDU 3561: FIELD EXPERIENCE: SECONDARY ENGLISH (1) Offerings

Prerequisite: Admission to the School of Education. This field experience will provide experiences teaching secondary English to bring back to the methods classroom for discussion and evaluation. It will also provide an environment for applying lessons and activities from the methods course. The hours of observation and instruction will be flexible and scheduled to meet assignments in each of the subject-area classes, the schedules of each cooperating classroom and the schedule of each student.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

EDU 4030: EDUCATIONAL METHODS IN THEATRE (3) [Offerings](#)

Explores contemporary methods and trends in the teaching of high school theatre, emphasizing the following: management of a production program; critical response to artistic experiences; contexts of theatrical works; connections within the arts; and pedagogy. Attention is given to AATE standards and Washington State Essential Academic Learning Requirements in the arts.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

EDU 4200: ELEMENTARY GENERAL METHODS II: STRATEGIES FOR DIVERSE LEARNERS (2) [Offerings](#)

Examines the nature of a diverse society and the implications for education. This includes examination of social and psychological roles as well as characteristics and strategies for inclusion. Further study of social and psychological roles of students will be studied.

Attributes: Upper-Division **Restrictions:** Education Certification Majors only. **Prerequisites:** EDU 3200: D or better

EDU 4250: SECONDARY GENERAL METHODS II: STRATEGIES FOR DIVERSE LEARNERS (3) [Offerings](#)

Emphasizes research and experienced-based principles for creating and adapting instructional opportunities for learners with diverse learning abilities and cultural and linguistic backgrounds. This will be carried out through exercises in planning and managing instruction focusing on characteristics and needs of particular learners, especially low status/historically marginalized students, and development of a variety of intervention strategies.

Attributes: Upper-Division **Restrictions:** Education Certification Majors only. **Prerequisites:** EDU 3250: D or better

EDU 4364: TEACHING SECONDARY SOCIAL STUDIES (3) [Offerings](#)

Prerequisite: Admission to the School of Education. Presents specific elements of secondary social studies instruction, including content selection and planning based on essential learnings, moral implications of content, use of instructional strategies, assessment of student learning and management of the classroom.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

EDU 4400: SOCIAL STUDIES METHODS (2) [Offerings](#)

Provides a basic introduction to Social Studies Methods for elementary teachers. The development of research and experience based principles of effective practice for encouraging the intellectual, social and personal development of students are encouraged. This will be carried out through a focus on a variety of instructional tools.

Attributes: Upper-Division **Restrictions:** Education Certification Majors only.

EDU 4530: TOPICS IN SECONDARY EDUCATION (1-5) [Offerings](#)

Explores major topics related to instruction in the secondary classroom, including student assessment, reading and study skills.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

EDU 4899: TEACHER AS PERSON - CAPSTONE (2) [Offerings](#)

A capstone experience focused on building the habits of professional practice including reflection and analysis of growth as emerging professionals in comparison to internship experiences, coursework, and program assessments. Students deepen their

understanding of their role as teacher leaders as they participate in state and national education initiatives and issues. Students engage in employment related activities such as resume writing, interviewing, and the application process.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Education Certification Majors only.

EDU 4900: INDEPENDENT STUDY (1-5) Offerings

Prerequisite: Admission to School of Education. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

EDU 4930: EDUCATION PRACTICUM (1-10) Offerings

Education Practicum May be repeated for credit up to 10 credits.

Attributes: Upper-Division

EDU 4941: ELEMENTARY SCHOOL INTERNSHIP A (1-18) Offerings

Provides opportunity for observation and teaching in elementary schools under the direction of a cooperating teacher. May be repeated for credit up to 18 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Junior, Sophomore students are excluded. **Prerequisites:** EDU 3105: D or better OR EDU 3107: D or better **Fees:** UG Education Intern Fee

EDU 4942: ELEMENTARY SCHOOL INTERNSHIP B (1-18) Offerings

Provides opportunity for observation and daily teaching in the elementary school under the direction of a cooperating teacher. May be repeated for credit up to 18 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Junior, Sophomore students are excluded. **Prerequisites:** EDU 4941: D or better **Fees:** UG Education Intern Fee

EDU 4943: ELEMENTARY INTERNSHIP: MUSIC (1-18) Offerings

Provides opportunity for observation and daily teaching of music in the elementary school under the direction of a cooperating teacher. May be repeated for credit up to 18 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Junior, Sophomore students are excluded. **Fees:** UG Education Intern Fee

EDU 4944: ELEMENTARY INTERNSHIP: ART (1-18) Offerings

Provides opportunity for observation and teaching of art in the elementary school under the direction of a cooperating teacher. May be repeated for credit up to 18 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Junior, Sophomore students are excluded. **Fees:** UG Education Intern Fee

EDU 4945: SECONDARY INTERNSHIP A (1-18) Offerings

Provides opportunity for observation and daily teaching in public or approved private schools under the direction of a master teacher. May be repeated for credit up to 18 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Junior, Sophomore students are excluded. **Fees:** UG Education Intern Fee

EDU 4946: SECONDARY INTERNSHIP B (1-18) [Offerings](#)

Second quarter of two-quarter internship. Provides opportunity for observation and daily teaching in public or approved private schools under the direction of a master teacher. May be repeated for credit up to 18 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Junior, Sophomore students are excluded. **Fees:** UG Education Intern Fee

EDU 4948: ELEMENTARY INTERNSHIP: PHYSICAL EDUCATION (1-18) [Offerings](#)

Provides opportunity for observation and daily teaching of physical education in the elementary school under the direction of a cooperating teacher. May be repeated for credit up to 18 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Junior, Sophomore students are excluded. **Fees:** UG Education Intern Fee

EDU 4951: INTERNATIONAL ELEMENTARY SCHOOL INTERNSHIP (1-18) [Offerings](#)

Observation and daily teaching in an international elementary school setting under the direction of a cooperating teacher. May be repeated for credit up to 18 credits.

Attributes: Upper-Division

EDU 4952: INTERNATIONAL SECONDARY SCHOOL INTERNSHIP (1-18) [Offerings](#)

Observation and daily teaching in an international secondary school setting under the direction of a cooperating teacher. May be repeated for credit up to 18 credits.

Attributes: Upper-Division

Education: Reading

[EDRD 2000](#) | [EDRD 3200](#) | [EDRD 3516](#) | [EDRD 3517](#) | [EDRD 3530](#) | [EDRD 4200](#)

EDRD 2000: READING I: PSYCHOLOGY OF READING (3) Offerings

Explores the current theories of literacy development , with a focus on the cognitive process involved in learning to read and write. Among the topics to be covered are the linguistics and non-linguistic bases of reading, word recognition, reading fluency, reading comprehension, and reading disabilities (dyslexia) and the impact of home and school environments on language and literacy development.

EDRD 3200: READING II: READING AND LANGUAGE ARTS METHODS (2) Offerings

Explores current research and best practices in teaching reading using strategies that work with the big 5. Addresses emergent reader activities, comprehension activities, standards-based instruction, formative and summative assessments, analysis and use of instructional materials and strategies. Students will design lesson plans based on standards to teach reading.

Attributes: Upper-Division **Restrictions:** Education Certification Majors only. **Prerequisites:** EDRD 2000: D or better

EDRD 3516: CHILDREN'S LITERATURE (3) Offerings

Examines the variety and richness of literature available for children preschool through eighth grade; presents major genres and notable authors and illustrators; and develops familiarity with varied responses to literature adaptable for classroom use.

Attributes: Upper-Division

EDRD 3517: YOUNG ADULT LITERATURE (3) Offerings

A study of young adult literature, including intensive reading in the best of this literature and application of both critical and pedagogical strategies to the reading.

Attributes: Upper-Division

EDRD 3530: READING AND WRITING ACROSS THE CURRICULUM (2) Offerings

Provides a functional approach to content-centered instruction that will prepare preservice teachers to teach content, reading and writing skills simultaneously. Emphasis is placed on the application of skills that middle, junior and senior high school readers must make to learn content from a variety of sources and materials.

Attributes: Upper-Division **Restrictions:** Education Certification Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** EDU 2300: D or better

EDRD 4200: READING III: INTERVENTION FOR STRUGGLING READERS (2) Offerings

Students will review and further investigate possible causes of reading problems, including inappropriate reading instruction. Examines current research in best practices and programs for struggling readers at various levels of their schooling. Students will focus on a struggling reader during this quarter of their internship to develop a plan and carry out instruction to improve the student's reading and writing achievement.

Attributes: Upper-Division **Restrictions:** Education Certification Majors only. **Prerequisites:** EDRD 3200: D or better

Education: Science

[EDSC 3359](#) | [EDSC 4250](#)

EDSC 3359: TEACHING SECONDARY SCIENCE (1-3) Offerings

Designed to assist students in relating their understanding in various science disciplines to the practical problems of planning and implementing learning experiences for secondary students. The emphasis is on the use of inquiry/problem solving approaches to science learning. May be repeated for credit up to 3 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** EDU 2300: D or better

EDSC 4250: SCIENCE METHODS (3) Offerings

This course will prepare elementary teachers to deliver science content through a focus on key scientific ideas and practices.

Attributes: Upper-Division **Restrictions:** Education, Education Certification Majors only. **Prerequisites:** PHY 2567: D or better AND PHY 2568: D or better AND (BIO 2569: D or better OR BIO 2570: D or better OR BIO 2571: D or better) **Fees:** EDSC Field Exp/Materials Fee

Computer Engineering

[CPE 1502](#) | [CPE 3280](#) | [CPE 3350](#) | [CPE 3550](#) | [CPE 3760](#) | [CPE 4151](#) | [CPE 4152](#) | [CPE 4211](#) | [CPE 4212](#) | [CPE 4350](#) | [CPE 4750](#) | [CPE 4760](#) | [CPE 4899](#) | [CPE 4900](#) | [CPE 4960](#) | [CPE 4970](#)

CPE 1502: ELECTRICAL AND COMPUTER ENGINEERING FUNDAMENTALS (1) Offerings

This hands-on course introduces students to basic hardware and software platforms commonly used by Electrical Engineers and Computer Engineers.

Equivalents: EE 1502 **Fees:** Engineering Materials Fee

CPE 3280: MICROCONTROLLER SYSTEM DESIGN (5) Offerings

Design of hardware and software for embedded systems using a modern microcontroller. Covers hardware interfacing including memory system design, interrupt interfacing, and use of internal and external peripheral devices. Emphasis is placed on programming of the microcontroller including device drivers, exception and interrupt handling, and interfacing with higher-level languages. Laboratory exercises require programming and hardware design.

Equivalents: EE 3280 **Attributes:** Upper-Division **Prerequisites:** EE 1210: D or better AND (EE 3760: D or better OR CSC 3760: D or better OR CPE 3760: D or better) **Fees:** Engineering Materials Fee

CPE 3350: OPERATING SYSTEMS PROGRAMMING (3) Offerings

Introduction to operating systems and systems programming. Surveys systems software; operating system interface and functions; utilities and shell programming; linkers and loaders; translators; and processes, concurrency and concurrent programming.

Equivalents: CSC 3350 **Attributes:** Upper-Division **Prerequisites:** CSC 2431: C- or better AND (CSC 3750 can be taken concurrently: D or better OR CSC 3760: D or better OR EE 3760: D or better OR CPE 3760: D or better)

CPE 3550: COMMUNICATION SYSTEM ANALYSIS (5) Offerings

An introduction to principles of modern communication systems with an emphasis on current technological applications. Covers basics such as transmission media, analog and digital signaling techniques, computer communication, TCP/IP network architecture, data encoding methods and multiplexing mechanisms. Modern communication protocols for networks and radio links are analyzed. High-level issues such as security, encryption, and cellular management are studied.

Equivalents: EE 3550 **Attributes:** Upper-Division **Prerequisites:** (EE 2727: D or better OR EE 2728: D or better) AND EE 1210 can be taken concurrently: D or better **Fees:** Engineering Materials Fee

CPE 3760: COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE (5) Offerings

Studies organization and structuring of the major hardware components of computers. Includes mechanics of information transfer and control within a digital computer system. Introduces computer architecture, machine instruction sets and assembly language programming. Typically offered: Winter.

Equivalents: CSC 3760, EE 3760 **Attributes:** Upper-Division **Prerequisites:** (CSC 2330: D or better OR CSC 2430: D or better) AND EE 1210: D or better **Fees:** Engineering Materials Fee

CPE 4151: SOFTWARE ENGINEERING I (3) Offerings

Explores the technical processes and practice of software engineering. Lecture/discussion topics include the development process, project planning and management, measurement and metrics, and software quality assurance. In this first of a two-quarter team

software development sequence, student teams will complete and present the requirements analysis and a prototype of a software system. A final grade will be awarded for this course upon completion of CSC/CPE 4152.

Equivalents: CSC 4151 **Attributes:** Upper-Division **Restrictions:** Computer Engineering, Computer Science, Information Systems Majors only. Post-Baccalaureate, Senior students only. **Prerequisites:** CSC 3150: C- or better AND (CSC 2431: D or better OR CSC 3221: D or better)

CPE 4152: SOFTWARE ENGINEERING II (3) Offerings

This course is a completion of a two-quarter software development experience. Student teams will implement, test and deploy systems they began in CSC 4151. Class time will be primarily devoted to the application of software engineering principles to their project, technical reviews, and formal presentation of the completed system.

Equivalents: CSC 4152 **Attributes:** Upper-Division **Restrictions:** Post-Baccalaureate, Senior students only. **Prerequisites:** CSC 4151: D or better OR CPE 4151: D or better

CPE 4211: COMPUTER ENGINEERING SENIOR DESIGN I (3) Offerings

Study of mixed digital and analog system design, including embedded software design. Student teams begin a system level design of a project (a nondisclosure agreement may be required). Students provide detailed schedules for building prototype systems and present periodic progress reports. During the course, students produce a technical specification, undergo several design reviews and design a printed circuit board for a prototype system.

Equivalents: EE 4211 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Computer Engineering Majors only. **Prerequisites:** (EE 3280: C- or better OR CPE 3280: C- or better) AND (EE 3730: C- or better OR EGR 3810: C- or better) **Fees:** Engineering Materials Fee

CPE 4212: COMPUTER ENGINEERING SENIOR DESIGN II (3) Offerings

Continued study of mixed digital and analog system design, including embedded software design. Student teams continue to implement and refine the prototype hardware and software designs from EE/CPE 4211. Teams write detailed technical reports and submit their designs to design reviews. Periodic progress reports and team presentations are required.

Equivalents: EE 4212 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Computer Engineering Majors only. **Fees:** Engineering Materials Fee

CPE 4350: ADVANCED OPERATING SYSTEMS (3) Offerings

Introduces the major functions of operating systems. Covers processes and concurrency; concurrent programming; resource allocation, contention and control; scheduling, memory management, and device management.

Equivalents: CSC 4350 **Attributes:** Upper-Division **Prerequisites:** (CSC 3350: C- or better OR CPE 3350: C- or better)

CPE 4750: COMPUTER NETWORKS (5) Offerings

Recommended Prerequisite: CSC 2431. Studies concepts and terminology of computer networks, equipment, and protocols. Typically offered: Alternate Years, Spring.

Equivalents: CSC 4750 **Attributes:** Upper-Division **Prerequisites:** (CSC 3750: D or better OR CSC 3760: D or better OR EE 3760: D or better OR CPE 3760: D or better) **Fees:** Engineering Materials Fee

CPE 4760: ADVANCED COMPUTER ARCHITECTURE (5) Offerings

Recommended Prerequisite: CSC 2431. Studies the architecture of multiprocessor, pipelined, and parallel computers. Emphasis is placed on principles of instruction level parallelism, multi-core processing, and distributed computing.

Equivalents: CSC 4760 **Attributes:** Upper-Division **Prerequisites:** (CSC 3750: C- or better OR CSC 3760: C- or better OR EE 3760: C- or better OR CPE 3760: C- or better) **Fees:** Engineering Materials Fee

CPE 4899: COMPUTER ENGINEERING CAPSTONE AND SENIOR DESIGN (3) Offerings

In this capstone course designs from EE 4212 are developed into a manufacturing prototype and tested. Covers testing methodology (hardware and software), debugging and documentation methodology. Teams author detailed technical documents. Periodic progress reports and final presentations are required. Includes study of vocation in engineering, writing reflective responses, and preparation of a portfolio of major projects students have finished.

Equivalents: EE 4899 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Computer Engineering Majors only. **Prerequisites:** (CPE 4212: D or better OR EE 4212: D or better) **Fees:** Engineering Materials Fee

CPE 4900: INDEPENDENT STUDY IN COMPUTER ENGINEERING (1-5) Offerings

Independent study and research in an advanced computer engineering topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Prerequisites:** CPE 3760: B- or better OR CSC 3760: B- or better OR EE 3760: B- or better

CPE 4960: SENIOR PROJECT IN COMPUTER ENGINEERING (1-5) Offerings

Independent project and research in an advanced computer engineering topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Computer Engineering Majors only. **Prerequisites:** CPE 3760: B- or better OR CSC 3760: B- or better OR EE 3760: B- or better

CPE 4970: DIRECTED RESEARCH IN COMPUTER ENGINEERING (2-5) Offerings

The student will conduct research based on a proposal prepared prior to registering for this course. Results of the research will be prepared for presentation at undergraduate or professional symposia. May be repeated for credit up to 8 credits.

Attributes: Upper-Division **Restrictions:** Computer Engineering Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** CPE 3760: B- or better

Education: Technology

[EDTC 2235](#) | [EDTC 3930](#) | [EDTC 4238](#)

EDTC 2235: INTRODUCTION TO EDUCATIONAL TECHNOLOGY (2) [Offerings](#)

Instruction on processes and procedures for using media and computers in school settings. Includes instructional design; basic production skills for computer, media and multimedia applications; and courseware evaluation.

Restrictions: Freshman students are excluded.

EDTC 3930: PRACTICUM (1-5) [Offerings](#)

Practicum

Attributes: Upper-Division

EDTC 4238: ORIENTATION TO TEACHER EDUCATION AND TECHNOLOGY (1) [Offerings](#)

Orientation to teacher education and the use of national standards as a framework for the professional use of technology within education, including the exploration of classroom-based applications to support teaching, learning, assessment, and effective communication.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** EDU 2300: D or better

Economics

[ECN 2101](#) | [ECN 2102](#) | [ECN 2500](#) | [ECN 3000](#) | [ECN 3050](#) | [ECN 3100](#) | [ECN 3201](#) | [ECN 3202](#) | [ECN 3231](#) | [ECN 3321](#) | [ECN 3435](#) | [ECN 3500](#) | [ECN 3690](#) | [ECN 3811](#) | [ECN 3812](#) | [ECN 4010](#) | [ECN 4310](#) | [ECN 4641](#) | [ECN 4899](#) | [ECN 4900](#) | [ECN 4940](#) | [ECN 4945](#) | [ECN 4950](#)

ECN 2101: PRINCIPLES OF MICROECONOMICS (5) Offerings

Provides a foundation course for business majors. Topics include supply and demand; markets and the price system; allocation of resources, income distribution, economic power and the public sector; international trade; and comparative economic systems.

Attributes: WK Social Sciences

ECN 2102: PRINCIPLES OF MACROECONOMICS (5) Offerings

Presents topics including elementary demand and supply, determination of national income, employment and prices, money and banking system, fiscal and monetary policy and economic welfare, economic growth and development and international finance.

Attributes: WK Social Sciences

ECN 2500: INTEGRATED TOPICS IN BUSINESS, ECONOMICS AND POLITICAL SCIENCE (5) Offerings

Many of today's persistent social problems are so intractable precisely because they are complicated problems. They cut across so many domains of life that they defy easy solution. Therefore, to solve them one must tackle multiple dimensions. To that end, this class will consider a single social issue or problem from multiple disciplinary perspectives. A portion of each term will be taught by faculty members from different disciplines within SBGE and will address economic, political/ governmental, and commercial/ market-based considerations. May be repeated for credit 2 times.

Equivalents: POL 2500, BUS 2500 **Attributes:** Ways of Engaging **Restrictions:** Undergraduate only.

ECN 3000: AFRICAN DEVELOPMENT (5) Offerings

This course provides an overview of the key issues in 20th and 21st century African development. Beginning with the legacy of colonialism, in the first half of this course we explore how geography, ethnic conflict, weak institutions, and political instability consistently undermined both economic growth and poverty alleviation in Africa. In the second half, we examine the shift out of historic "poverty traps" in Africa, looking at the role played by processes of state consolidation, governance reforms, foreign direct investment, economic diversification, and greater integration in the global economy.

Equivalents: GDEV 3000, POL 3000 **Attributes:** Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** POL 2320: C- or better OR (ECN 2101: C- or better AND ECN 2102: C- or better)

ECN 3050: INSTITUTIONS AND INSTITUTIONAL ANALYSIS (5) Offerings

This course begins by asking the question: What are institutions and why do they matter? We cover the major concepts in Neo-Institutional Economics (NIE) and examine the relationship between institutions and individual decision making. By understanding the position institutions play in choice situations, we are able to shed important new light on questions of poverty, development, conflict, and political order.

Equivalents: POL 3050, GDEV 3050 **Attributes:** Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** POL 2320: D or better OR (ECN 2101: D or better AND ECN 2102: D or better)

ECN 3100: EAST ASIAN DEVELOPMENT (5) Offerings

The countries of China, South Korea, Japan, and Taiwan have moved more people out of poverty at a faster pace than any other region at any time in the history of the world. At the same time, several of these states have achieved the goal of establishing stable, consolidated liberal democracies. This course sets out the competing theories that explain the political and economic development of the region.

Equivalents: POL 3100, GDEV 3100 **Attributes:** Upper-Division **Restrictions:** Junior, Senior students only.
Prerequisites: POL 2320: D or better OR (ECN 2101: D or better AND ECN 2102: D or better)

ECN 3201: INTERMEDIATE MICROECONOMICS (5) Offerings

Examines microeconomics at the intermediate level with particular application to operations of the firm. Emphasizes the application of theory to actual situations encountered in the management of firms and explores the use of economic theory for projections and forecasting.

Attributes: Upper-Division **Restrictions:** Accounting, Business Administration, Economics, Politics, Philosophy & Econ Majors, Minors, Concentrations only. Freshman students are excluded. **Prerequisites:** ECN 2101: C- or better AND ECN 2102: C- or better AND BUS 3700: C- or better AND (MAT 2700: C- or better OR BUS 2700: C- or better OR MAT 1360: C- or better)

ECN 3202: INTERMEDIATE MACROECONOMICS (5) Offerings

An analysis of aggregate income, employment and price level; classical and Keynesian perspectives, and recent contributions.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** ECN 2101: C- or better AND ECN 2102: C- or better

ECN 3231: URBAN ECONOMICS (5) Offerings

Examines economic and social factors influencing urban growth and land use patterns, especially forces influencing the demand for urban land and affecting intra-urban rent, real estate values and the housing market. Examines such factors as taxation, zoning and other land-use policies as they relate to the development of urban land. Typically offered: Alternate Years.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** ECN 2101: D or better OR ECN 2102: D or better

ECN 3321: MONEY AND BANKING (5) Offerings

Surveys monetary theory and the role of major financial institutions such as commercial banks, the Federal Reserve System and savings institutions in the monetary system. The impact of bank operations on the quantity and flow of money in the economic system is emphasized.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** ECN 2101: C- or better AND ECN 2102: C- or better

ECN 3435: MARXISM: 20TH CENTURY THEORY AND PRACTICE (3) Offerings

Examines the development of varieties of Marxist theory and practice in the 20th century, compares the Soviet, European, Chinese and Latin American experiences with Marxist thought and practice. Typically offered: Alternate Years.

Equivalents: HIS 3435, POL 3435 **Attributes:** Upper-Division

ECN 3500: ENVIRONMENTAL ECONOMICS (5) Offerings

An introduction to the economic analysis of our changing global environment. This course will study global macroeconomic trends in the quality of air, water, and land resources as well as the underlying microeconomic causes of environmental degradation and resource depletion. Economic concepts addressed will include the "tragedy of the commons", externalities, environmental policy choice, enforcement of regulation, methods for damage assessment, and estimation of the benefits to conservation and

environmental improvement.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

ECN 3690: INCLUSIVE FINANCIAL SERVICES (5) Offerings

Examines microfinance as a tool to alleviate global poverty. Topics include lending methodologies, products, cultural and regulatory environments, financial analysis, and performance improvement of microfinance institutions, along with limitations and controversies surrounding the practice. Grounded in Christian theological understandings of economic development and human well-being.

Equivalents: BUS 3690 **Attributes:** Upper-Division **Restrictions:** Business Administration, Economics, Global Development Studies, Politics, Philosophy & Econ Majors only. **Prerequisites:** ECN 2101: C- or better

ECN 3811: MICROECONOMICS OF DEVELOPMENT: COMMUNITY DEVELOPMENT (5) Offerings

Investigates the microeconomic transformation of developing countries and communities. Methods of measuring development and classic growth/development theories will be studied. Challenges of development focused on: demographic, socioeconomic, and cultural inequality; agriculture, rural environment, and rural labor issues; community health; legal infrastructure and business environment; access to financial services and microfinance; international standards, environment, and the role of international aid in shaping markets and opportunities for households; randomized control trials, impact evaluation, situation analysis, root cause identification and community level assessment. Typically offered: Alternate Years.

Attributes: Cultural Understand&Engagement, Upper-Division, Ways of Engaging, Writing "W" Course
Prerequisites: ECN 2101: C- or better OR ECN 2102: C- or better

ECN 3812: MACROECONOMICS OF DEVELOPMENT: INTERNATIONAL ECONOMIC GROWTH (5) Offerings

Investigates the economic transformation of developing countries and communities. Methods of measuring development and classic growth/development theories will be studied. Challenges of development focused on: demographic, socioeconomic, and cultural inequality; growth, inefficiency, and foreign investment; agriculture, rural environment, and rural labor issues; global and community health; legal infrastructure; access to financial services; conflict; international standards, environment, and the role of international aid; policy analysis and current issues. Typically offered: Alternate Years.

Attributes: Cultural Understand&Engagement, Upper-Division, Ways of Engaging, Writing "W" Course
Restrictions: Freshman students are excluded. **Prerequisites:** ECN 2101: C- or better OR ECN 2102: C- or better

ECN 4010: HEALTH ECONOMICS (5) Offerings

This course will examine multiple facets of health and health care. Topics covered in this class include individual health as an investment in human capital; uncertainty, externalities, and cost-benefit analyses of health care provision markets; the role of governments and NGOs in health provision, policy determination, and health as a public good; health insurance markets; the intrinsic connections between community health and economic development.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman students are excluded.

ECN 4310: INTERNATIONAL POLITICAL ECONOMY (5) Offerings

Examines the nature and dynamics of the global economy in relation to the economies and political systems of nations and to theories and models of national, regional and global economic growth. International trade, business and government policy are studied in this context. Typically offered: Alternate Years.

Equivalents: POL 4310 **Attributes:** Upper-Division **Restrictions:** Freshman students are excluded.

ECN 4641: HISTORY OF ECONOMIC THOUGHT I (1-5) Offerings

A study of the development of economic ideas and philosophies from Moses to mercantilism. Focus is on ethics and economics in the biblical, classical, scholastic and mercantilist schools of economic thought. Typically offered: Alternate Years. May be

the biblical, classical, physiocratic and mercantilist schools of economic thought. Typically offered: Alternate years. May be repeated for credit up to 5 credits.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman students are excluded. **Prerequisites:** ECN 2101: D or better AND ECN 2102: D or better

ECN 4899: CAPSTONE: ISSUES IN POLITICAL ECONOMY (5) Offerings

This capstone course studies the interrelationship between politics and economics and their effect on human welfare.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Accounting, Applied Human Biology, Business Administration, Computer Science, Economics, Family and Consumer Sciences, Food and Nutritional Sciences, Politics, Philosophy & Econ, Textiles Clothing and Interior Majors only. Post-Baccalaureate, Senior students only. **Prerequisites:** ECN 2101: C- or better AND ECN 2102: C- or better AND ECN 3201: C- or better AND ECN 3202: C- or better

ECN 4900: INDEPENDENT STUDY IN ECONOMICS (1-5) Offerings

The student proposes a topic of current interest in business to a professor in the School of Business and Economics. The student meets with the professor to discuss a bibliography and rough drafts before turning in the final draft of a paper. A 5-credit independent study requires a total of 30 pages of written work. In general, the number of pages of written work must be six times the number of credits, or there must be equivalent work in exams or other requirements. May be repeated for credit up to 5 credits.

Attributes: Upper-Division

ECN 4940: INTERNSHIP IN ECONOMICS (1-5) Offerings

Provides an opportunity for reflection on a student's internship experience. The internship, paid or unpaid, must have a minimum commitment of 10 hours/week or 100 hours during the quarter, be related to students' Economics major and have provided opportunities for students to relate and apply principles of economics, faith, service, and leadership to a professional work setting. Internship placements must be approved prior to the experience or permission will not be granted to register. Students must complete an internship learning contract and have it signed by their internship supervisor and the faculty sponsor.

Equivalents: ACCT 4940 **Attributes:** Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** BUS 2910: D or better

ECN 4945: ADVANCED INTEGRATIVE INTERNSHIP (1-5) Offerings

Provides students the opportunity to specialize their applied learning to economic issues and questions through individualized guidance with an economics faculty sponsor, first-hand experience in their internship sites, academic research, and face-to-face interviews with professionals. May be repeated for credit up to 6 credits.

Equivalents: BUS 4945 **Attributes:** Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** BUS 4942: D or better OR (ECN 4940: D or better OR ACCT 4940: D or better OR BUS 4940: D or better)

ECN 4950: SPECIAL TOPICS IN ECONOMICS (1-5) Offerings

Explores selected topics in Economics. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

Education: Special (EDSP)

[EDSP 3107](#) | [EDSP 4642](#) | [EDSP 4646](#) | [EDSP 4648](#) | [EDSP 4651](#) | [EDSP 4652](#) | [EDSP 4653](#) | [EDSP 4657](#) | [EDSP 4899](#) | [EDSP 4900](#) | [EDSP 4943](#) | [EDSP 4944](#) | [EDSP 4948](#) | [EDSP 4949](#) | [EDSP 4950](#)

EDSP 3107: EXCEPTIONALITY IN THE CLASSROOM (3) [Offerings](#)

This course will examine various disabilities of both high and low incidence. Investigation and research will be used to analyze areas of exceptionality starting with etiology, moving through to instructional strategies, generalization and inclusion. Psychological and social roles as well as family involvement will also be explored.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** PSY 2470: D or better

EDSP 4642: INDIVIDUAL EDUCATION PROGRAMS (3) [Offerings](#)

Classroom presentation centers on the interaction of children with disabilities and the school. Topics include federal and state regulations for the education of the disabled; procedures for referral, diagnosis and placement; formation of individual education programs, service models, task analysis and sequencing of skills; formation and evaluation of behavioral objectives; selection of instructional materials and methodology; and classroom organization. Emphasis on the importance of the role of the family in the individual education program planning process is a critical point to the course.

Equivalents: EDSP 6642 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** EDSP 3107 can be taken concurrently: D or better

EDSP 4646: SEVERE DISABILITIES (3) [Offerings](#)

This course will examine the characteristics of individuals identified with severe disabilities to include: definition and classification systems, etiology, theoretical approaches, educational diagnosis, instructional strategies, application, related supports and family and community issues.

Equivalents: EDSP 6646 **Attributes:** Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** EDSP 3107 can be taken concurrently: D or better

EDSP 4648: TEACHING STUDENTS WITH EMOTIONAL AND BEHAVIOR DISORDERS (3) [Offerings](#)

Provides special educators with background and knowledge related to characteristics of children and youth at-risk diagnosed with emotional and behavior disorders. This course will examine preventative strategies for children at-risk and study behavioral approaches for preventing and managing behavior. Etiology, medical and educational diagnosis, methodologies, application, family and community issues will be investigated.

Equivalents: EDSP 6648 **Attributes:** Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** EDSP 3107 can be taken concurrently: D or better

EDSP 4651: SPECIAL EDUCATION ASSESSMENT (3) [Offerings](#)

Teaches diagnostic and evaluative procedures commonly used with children experiencing special needs. Includes construction of curriculum based assessment and criterion referenced tests; use and interpretation of formal and informal tests, and ethical protocol and related issues will be closely examined and practiced. Family dynamics and participation is also a vital aspect of this course.

Equivalents: EDSP 6651 **Attributes:** Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** EDSP 3107 can be taken concurrently: D or better

EDSP 4652: DISABILITIES OF LEARNING AND ATTENTION (3) [Offerings](#)

Studies the characteristics and unique talents and needs associated with learning disabilities and attention disorders. This will include definitions, etiologies, characteristics, theoretical approaches, educational management, instructional strategies, application, and inclusion of children with learning disabilities and attention disorders. Family and community involvement will be investigated.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.
Prerequisites: EDSP 3107 can be taken concurrently: D or better

EDSP 4653: TEACHING READING TO EXCEPTIONAL STUDENTS (3) Offerings

Focuses on diagnosis of reading strengths and weaknesses; correlates of reading problems; and analysis and selection of methods and materials for reading instruction of children with special needs. These strategies will also examine children who speak English as their second language.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.
Prerequisites: EDSP 3107 can be taken concurrently: D or better

EDSP 4657: BEHAVIOR MANAGEMENT (3) Offerings

Focuses on an in-depth explanation of Applied Behavior Analysis (ABA) and classroom management strategies. The strengths and application of using ABA will be investigated. Specifics of how behaviors are identified, analyzed and used to provide positive behavior intervention plans are explored and implemented. Family involvement will be a key focus to the success of the child.

Equivalents: EDSP 6657 **Attributes:** Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.
Prerequisites: EDSP 3107: D or better

EDSP 4899: ISSUES IN SPECIAL EDUCATION - CAPSTONE (3) Offerings

This capstone course will explore major trends and issues affecting special education, including the rights of the disabled, emerging trends in educational services and major issues surrounding the quality of life of self-determination and independence of individuals with disabilities.

Equivalents: EDSP 6658 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Special Education Majors only. **Prerequisites:** EDSP 3107: D or better

EDSP 4900: INDEPENDENT STUDY (1-5) Offerings

Independent Study. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Prerequisites:** EDSP 3107: D or better

EDSP 4943: ELEMENTARY SPECIAL EDUCATION INTERNSHIP A (1-18) Offerings

Observation and daily teaching in special education in the elementary schools under the direction of a cooperating teacher. May be repeated for credit up to 18 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Junior, Sophomore students are excluded. **Prerequisites:** EDSP 3107: D or better **Fees:** UG Education Intern Fee

EDSP 4944: ELEMENTARY SPECIAL EDUCATION INTERNSHIP B (1-18) Offerings

Second quarter of a special education internship. Observation and daily teaching in special education in the elementary schools under the direction of a cooperating teacher. May be repeated for credit up to 18 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Junior, Sophomore students are excluded. **Fees:** UG Education Intern Fee

EDSP 4948: SECONDARY SPECIAL EDUCATION INTERNSHIP A (1-18) [Offerings](#)

Provides opportunity for observation and daily teaching in special education sections in the public schools under the direction of a master teacher. May be repeated for credit up to 18 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Junior, Sophomore students are excluded. **Prerequisites:** EDSP 3107: D or better **Fees:** UG Education Intern Fee

EDSP 4949: SECONDARY SPECIAL EDUCATION INTERNSHIP B (1-18) [Offerings](#)

See Integrated and Internship quarters program prerequisites. Provides opportunity for observation and daily teaching in special education under the direction of a master teacher. May be repeated for credit up to 18 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Junior, Sophomore students are excluded. **Prerequisites:** EDSP 4948: D or better **Fees:** UG Education Intern Fee

EDSP 4950: TOPICS IN SPECIAL EDUCATION (3) [Offerings](#)

Explores selected topics in special education.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

French

[FRE 1100](#) | [FRE 1101](#) | [FRE 1102](#) | [FRE 1103](#) | [FRE 2100](#) | [FRE 2101](#) | [FRE 2102](#) | [FRE 2103](#) | [FRE 3100](#) | [FRE 3105](#) | [FRE 3205](#) | [FRE 3250](#) | [FRE 3267](#) | [FRE 3305](#) | [FRE 4460](#) | [FRE 4461](#) | [FRE 4899](#) | [FRE 4900](#) | [FRE 4920](#) | [FRE 4930](#) | [FRE 4940](#) | [FRE 4950](#)

FRE 1100: ELEMENTARY FRENCH (1-5) Offerings

Elementary French in Paris Study Abroad program or in European Quarter. May be repeated for credit up to 5 credits.

FRE 1101: ELEMENTARY FRENCH I (5) Offerings

Builds proficiency in the four basic skills: understanding, speaking, reading, and writing in the French language. Investigates French culture and its relationship to the language.

Attributes: Foreign Language Comp

FRE 1102: ELEMENTARY FRENCH II (5) Offerings

Builds proficiency in the four basic skills: understanding, speaking, reading, and writing in the French language. Investigates French culture and its relationship to the language.

Attributes: Foreign Language Comp **Prerequisites:** FRE 1101: D or better OR Proficiency French: 36 or better

FRE 1103: ELEMENTARY FRENCH III (5) Offerings

Builds proficiency in the four basic skills: understanding, speaking, reading, and writing in the French language. Investigates French culture and its relationship to the language.

Attributes: Foreign Language Comp **Prerequisites:** FRE 1102: D or better OR Proficiency French: 56 or better

FRE 2100: INTERMEDIATE FRENCH (1-5) Offerings

Intermediate French in Paris Study Abroad program or in European Quarter. May be repeated for credit up to 5 credits.

FRE 2101: NIVEAU INTERMEDIAIRE (5) Offerings

Reviews French language structure; emphasizes progress toward communicative competence and growth in understanding and appreciating the cultures of the Francophone world; introduces French literature.

Attributes: WK Humanities **Prerequisites:** FRE 1103: D or better OR Foreign Language Exempt: EXMPT or better OR Proficiency French: 81 or better OR Foreign Language Complete: C or better

FRE 2102: NIVEAU INTERMEDIAIRE (5) Offerings

Continues review of French language structure; emphasizes progress toward communicative competence and growth in understanding and appreciating the cultures of the Francophone world; introduces French literature.

Prerequisites: FRE 2101: D or better OR Foreign Language Exempt: EXMPT or better

FRE 2103: NIVEAU INTERMEDIAIRE (5) Offerings

Continues review of French language structure; emphasizes progress toward communicative competence and growth in understanding and appreciating the cultures of the Francophone world; introduces French literature.

Prerequisites: FRE 2102: D or better OR Foreign Language Exempt: EXMPT or better

FRE 3100: ADVANCED FRENCH (2-5) Offerings

Advanced French in Paris Study Abroad program or in European Quarter. May be repeated for credit up to 5 credits.

Attributes: Upper-Division

FRE 3105: ECRITURE ENGAGEE (5) Offerings

Focuses on writing as a process through compositions of various types (e.g. description, narration, summary and argumentative essay). Offers practice in communication for debate and presentations. Provides review of grammatical structures. Uses French as the language for research, lecture and discussion. Typically offered: Alternate Years. May be repeated for credit 1 time.

Attributes: Upper-Division, Ways of Engaging, Writing "W" Course **Prerequisites:** FRE 2103: C- or better

FRE 3205: TOPICS IN FRANCOPHONE LITERATURE (5) Offerings

Considers themes in Francophone literature, culture and film from different regions and periods. Uses French as the language for research, lecture and discussion. Typically offered: Alternate Years. May be repeated for credit 1 time.

Attributes: Cultural Understand&Engagement, Upper-Division, Ways of Engaging, Writing "W" Course

FRE 3250: LA FRANCE ET LE MONDE (3) Offerings

Explores the role of the French language and cultural values in the francophone world. Directs special attention to the legacy of French colonization in Africa and the Caribbean. Uses French as the language for research, lecture, and discussion. Typically offered: Alternate Years. May be repeated for credit 1 time.

Attributes: Cultural Understand&Engagement, Upper-Division

FRE 3267: CINEMA FRANCOPHONE (3-5) Offerings

Explores themes of identity (religious, ethnic, gender, class) and (im)migration in French and Francophone Cinema. Offered in English as the language for research, lecture and discussion with dual French track for Francophone studies majors and minors. Typically offered: Alternate Years. May be repeated for credit up to 10 credits.

Attributes: Upper-Division

FRE 3305: CONVERSATION ENGAGEE (3-5) Offerings

This course will build students' oral proficiency skills for various communicative tasks necessary for interacting in modern French and francophone communities: debates, presentations, job interviews, discussions, reporting, requesting services, offering directions and giving advice, among others. Students will have a guided review of French grammar along with the presentation of advanced grammar to enhance their effectiveness in oral communication. Students will gain proficiency in French phonetics as well as achieving more accurate pronunciation and intonation. Students will be assessed via required weekly oral role-play activities, oral presentations, video recordings of their speaking, weekly grammar quizzes, an oral final and a written grammatical final. Critical to meeting the above objectives, students will learn to communicate in culturally appropriate manner depending upon the francophone cultural context. Typically offered: Winter. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Prerequisites:** FRE 2103: C- or better

FRE 4460: LA LITTERATURE FRANCAISE-DU MOYEN AGE AU 18E SIECLE (3) [Offerings](#)

Presents landmark works in French literature from the Middle Ages to the French Revolution. Includes consideration of genres, themes, and social/historical backgrounds of the selections studied. Uses French as the language for research, lecture, and discussion. Typically offered: Alternate Years. May be repeated for credit 1 time.

Attributes: Upper-Division, Writing "W" Course

FRE 4461: LA LITTERATURE FRANCAISE - DU 19E AU 21E SIECLE (3) [Offerings](#)

Examines important works by French authors of the 19th-21st centuries in the context of literary and philosophical movements. Pays close attention to the effect of historical events and cultural changes on the evolution of values. Uses French as the language of research, lecture, and discussion. Typically offered: Alternate Years. May be repeated for credit 1 time.

Attributes: Upper-Division

FRE 4899: FRANCOPHONE CAPSTONE (3) [Offerings](#)

This course encourages recollection and reflection on previous coursework in French and Francophone Studies, integration of knowledge with the student's own faith commitment, and further pursuit of an area of scholarly interest to the student, culminating in the senior paper.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** European Studies - French, French, French and Francophone Studies Majors only. **Prerequisites:** FRE 2103: D or better

FRE 4900: INDEPENDENT STUDY (1-5) [Offerings](#)

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

FRE 4920: INDEPENDENT READINGS IN FRENCH (1-5) [Offerings](#)

Independent Readings in French May be repeated for credit up to 10 credits.

Attributes: Upper-Division

FRE 4930: FRENCH TUTORIAL PRACTICUM (1-6) [Offerings](#)

For advanced students who wish to assist as discussion leaders and readers in 1000-level French classes. May be repeated for credit up to 10 credits.

Attributes: Upper-Division

FRE 4940: COOP EDUCATION: FRENCH INTERNSHIP (1-10) [Offerings](#)

Applies the skills needed to communicate in French in varied employment settings. Students may suggest their own internships in consultation with the faculty supervisor as long as use of the target language is part of the employment situation and other internship criteria are met. May be repeated for credit up to 10 credits.

Attributes: Upper-Division

FRE 4950: SPECIAL TOPICS (3-5) [Offerings](#)

Explores a special topic in French and Francophone studies. Topic varies based on instructor choice. May be repeated for credit 2

Explores a special topic in French and Francophone studies. Topic varies based on instructor choice. May be repeated for credit 2 times.

Attributes: Upper-Division **Prerequisites:** FRE 2103: D or better

English

[ENG 1110](#) | [ENG 1220](#) | [ENG 2215](#) | [ENG 2221](#) | [ENG 2223](#) | [ENG 2225](#) | [ENG 2234](#) | [ENG 2248](#) | [ENG 2251](#) | [ENG 2252](#) | [ENG 2253](#) | [ENG 3000](#) | [ENG 3003](#) | [ENG 3004](#) | [ENG 3150](#) | [ENG 3180](#) | [ENG 3205](#) | [ENG 3209](#) | [ENG 3301](#) | [ENG 3302](#) | [ENG 3310](#) | [ENG 3311](#) | [ENG 3316](#) | [ENG 3317](#) | [ENG 3318](#) | [ENG 3325](#) | [ENG 3332](#) | [ENG 3334](#) | [ENG 3335](#) | [ENG 3339](#) | [ENG 3345](#) | [ENG 3346](#) | [ENG 3347](#) | [ENG 3348](#) | [ENG 3351](#) | [ENG 3380](#) | [ENG 3381](#) | [ENG 3382](#) | [ENG 3383](#) | [ENG 3384](#) | [ENG 3386](#) | [ENG 3710](#) | [ENG 3715](#) | [ENG 3840](#) | [ENG 4152](#) | [ENG 4162](#) | [ENG 4316](#) | [ENG 4317](#) | [ENG 4318](#) | [ENG 4440](#) | [ENG 4442](#) | [ENG 4445](#) | [ENG 4449](#) | [ENG 4450](#) | [ENG 4451](#) | [ENG 4601](#) | [ENG 4685](#) | [ENG 4701](#) | [ENG 4822](#) | [ENG 4823](#) | [ENG 4824](#) | [ENG 4825](#) | [ENG 4899](#) | [ENG 4900](#) | [ENG 4930](#) | [ENG 4940](#) | [ENG 4941](#) | [ENG 4950](#) | [ENG 4970](#)

ENG 1110: LITERATURE AND FAITH (5) Offerings

Examines the treatment of belief and disbelief in literature shaped by various Christian traditions and by a variety of social and literary contexts. Instructor may choose to focus on American, British, or contemporary literature.

Attributes: WK Humanities

ENG 1220: FILM AND FAITH (5) Offerings

Explores the issue of faith through the medium of film. Examines how belief and disbelief are expressed in culture through this dominant form of contemporary storytelling.

Attributes: WK Humanities

ENG 2215: IMAGINATIVE WRITING (3) Offerings

Fosters the vision and skills necessary for effective creative writing.

ENG 2221: GOOD POEMS (5) Offerings

Explores poetry of all kinds as a means of expressing what it means to be human including especially the capacity for love.

Attributes: WK Humanities

ENG 2223: FANTASY AND SCIENCE FICTION (5) Offerings

Explores how the literary genres of fantasy and/or science fiction re-conceive the concerns of the present using imaginary worlds of space and time. Themes may include nature, technology, war, utopia/dystopia, and the conflicts of moral duty.

Attributes: WK Humanities

ENG 2225: LITERARY INTERPRETATION (5) Offerings

Prepares students for majoring in English with university-level practice in literary interpretive strategies, including close attention to craft as well as writing and academic research. Recommended especially for freshmen and sophomore students.

Attributes: Writing "W" Course

ENG 2234: LITERATURE BY WOMEN (5) Offerings

A study of poems, stories, plays, and essays written in English by women. The course will include classic as well as rediscovered women writers, and will examine the significant themes, the literary forms, and the social contexts of literature written by women.

Attributes: WK Humanities

ENG 2248: INTERNATIONAL FICTION (5) [Offerings](#)

Explores recent fiction from around the world, featuring international authors who write in English such as Salman Rushdie, J.M. Coetzee, Ishiguro, Desai, or Dangarembga.

Attributes: Cultural Understand&Engagement, WK Humanities

ENG 2251: ENGLISH LITERATURE: BEGINNINGS THROUGH MILTON (5) [Offerings](#)

Surveys the first three periods of English literary history: Old English, including the eighth-century Anglo-Saxon epic Beowulf; Middle English, including Chaucer's Canterbury Tales; and English Renaissance, concluding with Milton's 17th-century Paradise Lost. Typically offered: Autumn.

ENG 2252: ENGLISH LITERATURE: RESTORATION THROUGH VICTORIAN (5) [Offerings](#)

Continues the survey of English literary history, from the Enlightenment through to the end of Victoria's reign. Authors include satirists such as Swift and Wilde, poets such as Pope and Wordsworth, novelists such as Austen and Dickens. Typically offered: Winter.

ENG 2253: AMERICAN LITERATURE: BEGINNINGS TO 1900 (5) [Offerings](#)

Surveys major authors, themes, genres, and movements in American literature from the colonial era to the modern period, including intellectual and social contexts. Typically offered: Spring.

ENG 3000: STUDY ABROAD ORIENTATION (1-3) [Offerings](#)

Orients students to the academic work and cultural landscape of the ensuing study abroad program. Addresses issues of cultural diversity and interpersonal behavior as well as practical matters such as finances, travel safety, and other appropriate topics. May be repeated for credit up to 12 credits.

Attributes: Upper-Division

ENG 3003: LITERATURE AND MEDICINE (5) [Offerings](#)

A consideration of the role of the health care provider from a literary perspective. By reading, discussing, and writing about stories, novels, movies, and plays representing illness, suffering, and medical care, aspiring doctors and nurses will learn how to interact with patients with compassion, empathy, and humanity.

Attributes: Upper-Division, Ways of Engaging, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR (ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better AND UCOR 1000: D or better)

ENG 3004: LITERATURE, GENDER, AND SEXUALITY (5) [Offerings](#)

Explores diverse perspectives on gender and sexuality in literary texts, criticism, and theory. Typical topics include social constructions of masculinity and femininity (including methods of reinforcement and resistance); sexual identities; historically evolving conceptions of the body and desire; and representations of sex and gender in relation to various other identities, such as race, class, nationality, and religion.

Attributes: Upper-Division

ENG 3150: THE SENTENCE (3) Offerings

Treats the craft of writing sentences with clarity and grace. Less interested in grammar for its own sake, the course shows students how to deploy grammatical strategies for desired effect in writing. Shows students how to write with substance through style.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR (ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better)

ENG 3180: ADVANCED GRAMMAR (3) Offerings

This basic grammar course brings insights from both traditional and generative-transformational approaches to explain how language works. The course also introduces students to parts of speech, phrases, and clauses, as well as to grammatical and mechanical rules for generating standard American English. Typically offered: Winter.

Attributes: Upper-Division **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3205: ISSUES AND PRACTICES IN WORKPLACE WRITING (3) Offerings

Develops abilities associated with writing tasks in the professions, including reports, correspondence, proposals, and procedure manuals. Emphasizes role of persuasion in routine and special writing tasks. Also addresses visual design in the preparation of documents and the impact of digital technologies on writing in the professional workplace.

Attributes: Upper-Division, Ways of Engaging, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3209: WRITING AS DESIGN: INTRODUCTION TO UX WRITING AND CONTENT DESIGN (3) Offerings

User Experience (UX) Writing involves the words used in a website, app, or other digital experience flow. The job of UX Writing is to make sure those words help make that experience simple, conversational, and easy to use. This course will use design thinking to guide you through solving complex UX issues using workshops, real-world examples, and creating your own unique UX writing flows. Typically offered: Winter.

Attributes: Upper-Division **Restrictions:** Art for Social Change, Creative Writing, English, English Literature, English Professional Writing, Journalism, Visual Communication Majors, Minors, Concentrations only.

ENG 3301: ADVANCED EXPOSITORY WRITING (5) Offerings

Moves students beyond the academic essay and shows them techniques for addressing an audience beyond the academy. Focuses on the exploratory, open-ended essay as a lens for examining topics chosen by students in consultation with the instructor.

Attributes: Advanced Academic Writing, Upper-Division, Writing "W" Course **Prerequisites:** ENG 2201: D or better OR WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better OR USCH 1111: or better OR USCH 1112: or better OR USCH 1113: or better

ENG 3302: WRITING ACROSS CULTURES (3-5) Offerings

Uses writing within specific cultural or ethnic contexts as a way to examine and explore those contexts, fostering understanding of cultural, racial, ethnic, or gender differences.

Attributes: Cultural Understand&Engagement, Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR (ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better)

ENG 3310: ELEMENTS OF PROSODY (3) Offerings

For English majors and others interested in exploring in greater depth the workings of poetry, with particular attention paid to the relationship between the elements that make up the poem (rhythm, structure, sound qualities, the "music" of the poem) and where those elements take us. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3311: ELEMENTS OF NARRATIVE (3) Offerings

For English majors and others interested in exploring in greater depth the field of narrative studies, with particular attention paid to the relationship between the elements of storytelling, character, plot, time, setting, closure, etc., and their larger philosophical implications. Typically offered: Spring.

Attributes: Upper-Division **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3316: WORKSHOP IN WRITING POETRY (3) Offerings

Refines skills and techniques necessary for the writing of formal styles of poetry (the sonnet, the sestina, etc.). Students examine the work of professional poets from the perspective of apprentices to the craft.

Attributes: Upper-Division

ENG 3317: WORKSHOP IN WRITING FICTION (3) Offerings

Refines skills and techniques necessary for the effective writing of short fiction. Students analyze the work of professional fiction writers from the perspective of apprentices to the craft.

Attributes: Upper-Division **Prerequisites:** ENG 2215: D or better

ENG 3318: CREATIVE NONFICTION (3) Offerings

Examines the literary essay, emphasizing contemporary authors such as Diane Ackerman, Annie Dillard, and Barry Lopez; "schools" such as the new journalists and the environmental essayists; and publications such as The New Yorker and The Atlantic. Special attention will be paid to students' development as writers of nonfiction.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR (ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better)

ENG 3325: FILM AND STORY (5) Offerings

Examines the elements of film storytelling in the context of literary studies, including theme, character, genre, plot, setting, and point-of-view. Pays close attention to the technology and craft of film-making as a means of exploring film's unique aesthetic power. Typically offered: Occasionally.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3332: AFRICAN AMERICAN LITERATURE (5) Offerings

Introduces students to African American literature from the nineteenth century to the present. Topics include slavery and resistance, the Harlem Renaissance, the Black Arts movement, and black popular culture. We will read such authors as Harriet Jacobs, Lanston Hughes, Zora Neale Hurston, Richard Wright, Ralph Ellison, and Toni Morrison. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3334: UNITED STATES MULTI-ETHNIC LITERATURE (5) Offerings

Traces the expression in novels, plays, poems, and essays of the minority groups who have been a part of the American people throughout history.

Attributes: Cultural Understand&Engagement, Upper-Division, WK Humanities

ENG 3335: CELTIC LITERATURE AND CULTURE (5) Offerings

Investigates the literature and culture of Ireland and Scotland across genres, national borders, and time periods, considering key questions about the role that stories play in speaking truth to history, forging personal and national identity, and navigating faith in a context of war and peacemaking.

Attributes: Cultural Understand&Engagement, Upper-Division, WK Humanities, Writing "W" Course

ENG 3339: UNITED STATES LATINX LITERATURE (5) Offerings

Introduces students to English-language literature written by North American Latinos and Latinas. Topics include the legacy of Spanish colonialism, the dissemination of Mexican, Cuban, Puerto Rican, and Dominican cultures, the development of "Spanglish," and the controversy over immigration and the border. We will read such authors as Rudolfo Anaya, Richard Rodriguez, Sandra Cisneros, Ana Castillo, Jimmy Santiago Baca, and Junot Diaz. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3345: MEDIEVAL ENGLISH LITERATURE (5) Offerings

This course covers the Anglo-Saxon, Anglo-Norman, and high-medieval periods of early English literature. It examines Old English heroic verse, the literature of chivalry and the courtly love tradition, and the accounts of medieval mystics such as Julian of Norwich and Margery Kempe. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3346: ENGLISH RENAISSANCE LITERATURE (5) [Offerings](#)

Considers the Golden Age of Elizabeth I and the revolutionary, adventurous days that followed, as seen through the works of Wyatt, Sidney, Raleigh, Shakespeare, Bacon, Milton, Donne, Herbert, and Marvell. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3347: LITERATURE OF ENLIGHTENMENT AND REVOLUTION (5) [Offerings](#)

Studies 18th and early 19th century literature in the context of the Age of Reason and Revolution. Focuses on emerging western thought about individualism, freedom, and gender, through the works of writers such as Defoe, Swift, Sterne, and Austen. Typically offered: Occasionally.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3348: ROMANTIC POETRY AND FICTION (5) [Offerings](#)

Studies selected works of such British Romantic writers, including Blake, Wordsworth, Coleridge, Byron, Keats, and the Shelleys. Typically offered: Occasionally.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3351: VICTORIAN LITERATURE (5) [Offerings](#)

Studies selected works from the age of Queen Victoria in Britain, including such authors as Dickens, the Brontes, G. Eliot, and Wilde. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3380: AFRICAN LITERATURE (5) [Offerings](#)

Examines the work of a variety of authors from the continent of Africa in the light of colonialism and its aftermath. Focuses primarily on English-language writers such as Achebe, Coetzee, Dangarembga, Fugard, Gordimer, Adichie and Soyinka. Typically offered: Alternate Years.

Attributes: Cultural Understand&Engagement, Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3381: MIDDLE-EASTERN LITERATURE (5) [Offerings](#)

Examines the work of a variety of authors from the East/Middle East, especially stories of crossing between East and West. Particular attention will be paid to the concept of hybrid identities, exile, diaspora. Authors may include Ruffo, Mernissi, Hosseini, and Pamuk, as well as Arab-American short stories. Typically offered: Alternate Years.

Attributes: Cultural Understand&Engagement, Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3382: SOUTH AFRICA-STAGES OF PROTEST AND DEMOCRACY (5) [Offerings](#)

This study abroad course will analyze protest narratives, ranging from popular and award-winning works like J. M. Coetzee's *Age of Iron* and Trevor Noah's *Born a Crime* to performances of AIDS survivors and state narratives intended to avoid civil war and attempt transitional justice. Typically offered: Occasionally.

Equivalents: SJC 3382 **Attributes:** Cultural Understand&Engagement, Upper-Division, Ways of Engaging

ENG 3383: ARAB SPRING: GENDER, ISLAM, DEMOCRACY (5) [Offerings](#)

Considers how literature and electronic texts create venues for political and social change in the historical region bordered by Morocco and Spain. Explores how texts, ideas, media and people circulate and cross trans-national borders in a time of historic change. Typically offered: Alternate Years.

Equivalents: SJC 3383 **Attributes:** Cultural Understand&Engagement, Upper-Division, Ways of Engaging, Writing "W" Course

ENG 3384: EMPIRES OF ASIA (5) [Offerings](#)

Challenging the western-centric gaze, this course invites students to reconsider patterns of global power and to listen to voices of resistance in both East and West Asia. Topics include imperial Japan and its twilight, the fallout of empire in Korea and China, the pinnacle and collapse of the Ottoman Empire, and history and power in the Persian Empire. Authors may include Kazuo Ishiguro, Teresa Hak Kyung Cha, Orhan Pamuk, and Shahrnush Parsipur. Typically offered: Alternate Years.

Attributes: Cultural Understand&Engagement, Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3386: THE ETERNAL CITY IN ART AND LITERATURE (5) [Offerings](#)

Invites students to explore the theme of "Art and Incarnation" through the intensive study of literary works set in Rome and produced by authors from the classic to the contemporary age. Typically offered: Occasionally.

Attributes: Upper-Division, Ways of Engaging, Writing "W" Course

ENG 3710: 19TH CENTURY AMERICAN LITERATURE (5) [Offerings](#)

Examines major American authors, themes, and literary movements of the nineteenth century. Topics may include the American renaissance, transcendentalism, American realism, sentimentalism, regionalism, and the Civil War. Typically offered: Occasionally.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3715: 20TH CENTURY AMERICAN LITERATURE (5) [Offerings](#)

Examines major American authors, themes, and literary movements of the twentieth century. Topics may include modernism, World War I, World War II, the Harlem renaissance, the Beat generation, Southern gothic, and Postmodernism. Typically offered: Occasionally.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 3840: LEWIS AND TOLKIEN (5) Offerings

Studies the major literary works, themes, and ideas of C.S. Lewis and J.R.R. Tolkien in the context of their lives, faith, and friendships. Examines themes such as the use of myth to explore problems of modernity, the relationship between Christian faith and art, as well as the debates over "literary" vs. "popular" fiction. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 4152: MODERNIST LITERATURE (5) Offerings

Studies the major authors and literary works of the early twentieth century modernist period. Authors may include T.S. Eliot, Ezra Pound, Virginia Woolf, or James Joyce. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** ENG 2252: D or better OR ENG 2253: D or better

ENG 4162: POSTMODERN LITERATURE (5) Offerings

Studies the emerging authors and literary works of the contemporary postmodern period. Authors and works will vary. (See English department website for a detailed description of this year's course specifics.) Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** ENG 2252: D or better OR ENG 2253: D or better

ENG 4316: ADVANCED POETRY WRITING (3) Offerings

A writing workshop for experienced writers of poetry. Also addresses such topics as poetry magazines, small presses, agents and editors, the submission process, and current trends in publishing. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** ENG 3316: D or better

ENG 4317: ADVANCED FICTION WRITING (3) Offerings

A writing workshop for experienced writers of fiction. Also addresses such topics as fiction magazines, publishing houses, agents and editors, the submission process, and current trends in publishing. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** ENG 3317: D or better

ENG 4318: ADVANCED CREATIVE NONFICTION (3) Offerings

A writing workshop for experienced writers of creative nonfiction. Also addresses such topics as literary magazines, publishing houses, agents and editors, the submission process, and current trends in publishing. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** ENG 3318: D or better

ENG 4440: GEOFFREY CHAUCER (5) Offerings

An in-depth study of the major works of British writer Geoffrey Chaucer, the author of "Canterbury Tales".

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.
Prerequisites: ENG 2251: D or better

ENG 4442: JOHN MILTON (5) [Offerings](#)

An in-depth study of the major works of British writer John Milton, the author of "Paradise Lost".

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.
Prerequisites: ENG 2251: D or better

ENG 4445: SHAKESPEARE (5) [Offerings](#)

Considers Shakespeare's comedies, histories, tragedies, and romances while studying his art and thought in relation to the Elizabethan background.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** ENG 2251: D or better

ENG 4449: JANE AUSTEN (5) [Offerings](#)

An in-depth study of the major works of British novelist Jane Austen, the author of "Pride and Prejudice".

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.
Prerequisites: ENG 2252: D or better

ENG 4450: EMILY DICKINSON (5) [Offerings](#)

An in-depth study of the major works of American poet Emily Dickinson.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.
Prerequisites: ENG 2253: D or better

ENG 4451: TONI MORRISON (5) [Offerings](#)

An in-depth study of the major works of African American novelist Toni Morrison, the author of Beloved.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.
Prerequisites: ENG 2253: D or better

ENG 4601: HISTORY OF ENGLISH (3) [Offerings](#)

Examines Anglo Saxon, Middle, and Modern forms of English in historical development. Includes phonology, morphology, syntax, and some discussion of the relationship of each language stage to literary expression during its era. Typically offered: Alternate Years.

Equivalents: LIN 4601 **Attributes:** Upper-Division

ENG 4685: LITERARY THEORY (5) [Offerings](#)

Studies the major issues and schools of literary theory in terms of their historical development. The course is especially appropriate for advanced majors or those who might be considering graduate studies. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** ENG 2225: D or better

ENG 4701: TEACHING WRITING:THEORY AND PRACTICE (5) [Offerings](#)

Interrogates various writing pedagogies for (1) the assumptions each makes about what "good writing" is and (2) how these assumptions play out in the classroom. Recommended for prospective secondary teachers and prospective graduate students in various disciplines. Typically offered: Occasionally.

Attributes: Upper-Division **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 4822: THE NOVEL (5) [Offerings](#)

Examines the novel form in its historical varieties and contexts, including a close attention to the relationship between theory, craft, and meaning. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 4823: THE POEM (5) [Offerings](#)

Examines the poetic form in its historical varieties and contexts, including a close attention to the relationship between theory, craft and meaning. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 4824: THE SHORT STORY (5) [Offerings](#)

Examines the short story form in all its historical varieties and contexts, including a close attention to the central relationship between theory, craft and meaning. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 4825: THE ESSAY (5) [Offerings](#)

Examines the essay form in all its historical varieties and contexts, including a close attention to the central relationship between theory, craft and meaning. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** WRI 1100: D or better OR USCH 1111: D or better OR USCH 1112: D or better OR USCH 1113: D or better OR ENG 2201: D or better OR Advanced Writing Eligible: Y or better OR English Proficiency Exam-Essay: 5 or better OR English Proficiency Exam-Essay: 6 or better OR English Courses - EXEMPT: EXMPT or better

ENG 4899: SENIOR CAPSTONE IN ENGLISH (5) [Offerings](#)

Students will delve into particular literary works, authors, or themes and write a substantial research paper. Faculty and texts will vary from seminar to seminar on a rotating basis. Students will also have an opportunity to reflect upon and evaluate their learning and experience as English majors. Typically offered: Spring, Winter. May be repeated for credit 1 time.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** English Majors only. Senior students only.

ENG 4900: INDEPENDENT STUDY (1-5) [Offerings](#)

Independent Study Typically offered: Occasionally. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

ENG 4930: ENGLISH PRACTICUM (1-5) [Offerings](#)

For advanced students who wish to assist as tutors, discussion leaders, and readers in lower-division English classes. May be repeated for credit up to 6 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

ENG 4940: COOP EDUCATION: ENGLISH INTERNSHIP (1-5) [Offerings](#)

Applies writing skills in varied employment settings; possibilities include public relations offices, newspapers, and other informational services. Students may suggest their own internships in consultation with the faculty supervisor as long as writing skills are used and other internship criteria are met. May be repeated for credit up to 6 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

ENG 4941: COOP EDUCATION: ENGLISH INTERNSHIP (1-5) [Offerings](#)

Applies writing skills in varied employment settings; possibilities include public relations offices, newspapers, and other informational services. Students may suggest their own internships in consultation with the faculty supervisor, as long as writing skills are used and other internship criteria are met. May be repeated for credit up to 6 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

ENG 4950: SPECIAL TOPICS (1-5) [Offerings](#)

Topics will vary. May be repeated for credit up to 5 credits.

Attributes: Upper-Division, Writing "W" Course

ENG 4970: INDEPENDENT RESEARCH IN ENGLISH (5) [Offerings](#)

Under the direction of the English faculty, qualified students bound for postgraduate study will design and complete a senior project: either an article-length scholarly paper or a substantial creative writing project.

Attributes: Upper-Division **Restrictions:** English Majors only. Post-Baccalaureate, Senior students only.

Family Consumer Science

[FCS 1000](#) | [FCS 1050](#) | [FCS 1710](#) | [FCS 1840](#) | [FCS 2110](#) | [FCS 2204](#) | [FCS 2252](#) | [FCS 2340](#) | [FCS 2365](#) | [FCS 2365L](#) | [FCS 2375](#) | [FCS 2385](#) | [FCS 2702](#) | [FCS 2730](#) | [FCS 2820](#) | [FCS 2890](#) | [FCS 3100](#) | [FCS 3240](#) | [FCS 3250](#) | [FCS 3251](#) | [FCS 3280](#) | [FCS 3310](#) | [FCS 3321](#) | [FCS 3340](#) | [FCS 3352](#) | [FCS 3365](#) | [FCS 3365L](#) | [FCS 3385](#) | [FCS 3410](#) | [FCS 3710](#) | [FCS 3712](#) | [FCS 3714](#) | [FCS 3716](#) | [FCS 3720](#) | [FCS 3730](#) | [FCS 3740](#) | [FCS 3822](#) | [FCS 3823](#) | [FCS 3825](#) | [FCS 3830](#) | [FCS 3840](#) | [FCS 3842](#) | [FCS 3843](#) | [FCS 3870](#) | [FCS 3875](#) | [FCS 3890](#) | [FCS 3892](#) | [FCS 4240](#) | [FCS 4280](#) | [FCS 4310](#) | [FCS 4330](#) | [FCS 4340](#) | [FCS 4341](#) | [FCS 4352](#) | [FCS 4367](#) | [FCS 4370](#) | [FCS 4470](#) | [FCS 4510](#) | [FCS 4512](#) | [FCS 4710](#) | [FCS 4712](#) | [FCS 4720](#) | [FCS 4730](#) | [FCS 4743](#) | [FCS 4744](#) | [FCS 4750](#) | [FCS 4822](#) | [FCS 4840](#) | [FCS 4843](#) | [FCS 4844](#) | [FCS 4846](#) | [FCS 4899](#) | [FCS 4900](#) | [FCS 4930](#) | [FCS 4931](#) | [FCS 4932](#) | [FCS 4940](#) | [FCS 4949](#) | [FCS 4950](#)

FCS 1000: AMERICAN WAYS: AN INTRODUCTION TO CONTEMPORARY U.S. POPULAR CULTURE (5)

Offerings

Explores how internal and environmental factors combine to define, influence, and impact US contemporary popular culture through the investigation of period architecture, decorative arts, fashion, food, and the aesthetic history of the 1940's through the 2000's. These design artifacts communicate where we have been, which issues and topics are of importance in the present, and where we hope to go in the future. This course is designed for International students.

FCS 1050: INTRODUCTION TO FAMILY AND CONSUMER SCIENCES (2) Offerings

Introduces the history, literature, and contributions of the family and consumer science profession to help students discover special interests, career potential, and set academic goals. The integration of faith, vocation, and calling is explored through class discussions and reflective exercises. Guest speakers highlight FCS specializations.

FCS 1710: GLOBAL IMPACTS OF DESIGN (5) Offerings

This course will examine the design of buildings that changed the world and their impact on society and history. It will also explore the elements and principles of design and how they relate to creativity, are applied to marketing, and effect society and global design. The design-related issues of sustainability, accessibility, and universal design on global society will also be addressed.

Attributes: WK Arts

FCS 1840: BASIC CLOTHING CONSTRUCTION (5) Offerings

Presents basic techniques necessary for the construction of simple garments. Class is skills-based and designed to develop core competencies needed for the beginning sewer. Students will learn to read and use commercial patterns to create professional-looking apparel.

Restrictions: Apparel Design, Apparel Merchandising, Costume Design & Production, Family and Consumer Sciences Majors, Minors, Concentrations only.

FCS 2110: FASHION ILLUSTRATION (3) Offerings

Explores the professional uses of fashion illustration. Teaches design details and rendering of an elementary fashion figure through lectures and demonstration. May be repeated for credit 2 times.

Prerequisites: ART 2112: C- or better OR ART 3113: C- or better

FCS 2204: INTERIOR DESIGN STUDIO (5) Offerings

Provides a practical introduction to architectural drafting, hand lettering, space planning, and presentation. Applies the elements and principles of design to residential interior design problems. Includes a local field trip.

Restrictions: Freshman students are excluded. **Prerequisites:** ART 1102: D or better OR (ART 1103: D or better OR ART 3503: D or better) **Fees:** FCS Course Fee

FCS 2252: MARRIAGE AND THE FAMILY (5) Offerings

Surveys the family as an institution and a mode for personal living: marital adjustment, parent-child relationships, changing family patterns, and family disorganization and reorganization.

Equivalents: SOC 2252

FCS 2340: NUTRITION SCIENCE AND MALNUTRITION (5) Offerings

This course explores the science of nutrition, especially the requirements for energy and the macronutrients, the physiological controls of our food intake, and the functions of selected micronutrients. We also examine the problems of malnourishment in affluent and less affluent societies with special attention to the effects of undernutrition.

Attributes: WK Applied Science

FCS 2365: FOOD SCIENCE (5) Offerings

This course examines foods widely consumed in the United States drawing knowledge from the disciplines of chemistry, microbiology, biology, nutrition and sensory evaluation. Food composition, preparation, safety, quality, and processing are emphasized. Includes laboratory.

Restrictions: Freshman students are excluded. **Prerequisites:** CHM 1100: D or better OR CHM 1211: D or better OR CHM 1310: D or better **Fees:** FCS Course Fee

FCS 2365L: FOOD SCIENCE LAB (0) Offerings

Lab Component of FCS 2365.

FCS 2375: FOOD PRODUCTION AND MANAGEMENT (5) Offerings

Surveys the organization, management, and cost control of food service operations. Includes field experience in quantity food-service facilities.

Prerequisites: FCS 2365: C- or better **Fees:** FCS Course Fee

FCS 2385: FOOD AND THE CONSUMER (5) Offerings

Examines the nutrient composition and selection of food, as well as how nutrition influences human health and disease. Also explores controversial issues surrounding food production, policy and marketing and aims to inform and empower the student to become a better consumer of food and nutrition information in the marketplace as well as a better advocate for her or his health.

Attributes: Ways of Engaging

FCS 2702: FOUNDATIONS OF INTERIOR DESIGN (3) Offerings

Prerequisite: FCS 1710 is recommended. Explores the design process and design basics (model making, space planning, etc.) and applies the elements and principles of design within the context of architectural and design history, from the Renaissance through the Beidermeyer periods.

Restrictions: Freshman students are excluded.

FCS 2730: PROFESSIONAL PRACTICE (3) Offerings

Examines business practices specific to the interior design field, including ethics, billing structures, time and material estimation and common sales practices. Also focuses on the programming process employed during every new, client-designer relationship. Emphasis will be placed on interviewing clients to obtain work and lifestyle information as well as basic logistics in order to discern discrepancies between what a client wants and actually needs. Practical application exercises will be included. May be repeated for credit 1 time.

Restrictions: Clothing and Textiles, Fashion Merchandising, Interior Design Majors only. Freshman students are excluded. **Prerequisites:** FCS 2702: D or better

FCS 2820: INTRODUCTION TO THE FASHION INDUSTRY (5) Offerings

Presents an overview of the history, structure, and operation of the dynamic global fashion industry in regards to fashion marketing, sourcing and production, and retailing and distribution. Examines the various fashion industries and help students better explore their personal attributes and match their interests with career opportunities in the field.

Restrictions: Freshman students are excluded.

FCS 2890: VISUAL MERCHANDISING (5) Offerings

Examines the principles of store planning and design, display and promotion of merchandise, and tools used to promote retailer's brand image. Students will develop an understanding of these various facets of visual merchandising through theoretical learning and practical applications.

Restrictions: Fashion Merchandising Majors only. **Prerequisites:** FCS 2820: C- or better

FCS 3100: SUSTAINABLE FOOD PRODUCTION (5) Offerings

Examines the global importance of sustainable food production, using Italy as an example. The concepts of sustainability and food culture will be explored through the study of iconic local foods, their cultural importance, and the ways in which food is traditionally produced, prepared and eaten. Global food and nutrition issues of social, environmental and economic interest and impact will be discussed. Numerous first-hand activities and field trips will complement classroom learning.

Attributes: Upper-Division, Ways of Engaging **Restrictions:** Junior, Post-Baccalaureate, Senior students only.

FCS 3240: INDIVIDUAL AND FAMILY DEVELOPMENT (5) Offerings

Introduction to the application of concepts and theories in human development within the context of the family. Explores the reciprocal relationships between families and their environment and issues of individuals and families as consumers that affect the quality of life.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** FCS 1050: C- or better

FCS 3250: PHILIPPINES STUDY ABROAD: SERVING CHILDREN, FAMILIES AND COMMUNITIES (5) Offerings

The Philippines service learning study abroad program is designed for students of all academic disciplines who want to learn about the challenges and realities of living in poverty and the role of community development programs in alleviating poverty. Students will have the opportunity to participate with Kids International Ministries (KIM) in their feeding programs, family and community service projects, school programs, prenatal clinic, and interact with the children in an orphanage. Typically offered: Autumn. May be repeated for credit 2 times.

Attributes: Cultural Understand&Engagement, Upper-Division, Ways of Engaging

FCS 3251: MEDITERRANEAN DIET AND LIFESTYLE (3) Offerings

Examines the history and characteristics of the Mediterranean diet, including food, food culture, and lifestyle through lecture, readings, and field trips. The influence of the built environment of the Mediterranean basin on lifestyle and physical activity is also discussed. The link between the Mediterranean diet and chronic disease risk is explored. The course aims to increase student understanding of how cultural food choices and physical activity opportunities impact health.

Attributes: Upper-Division, Ways of Engaging

FCS 3280: CHILDREN AND FAMILIES (5) Offerings

Explores interactive parent-child relations from infancy through adulthood and the internal and environmental forces which have an impact upon family dynamics. Provides opportunities to observe and participate with children in family and school settings and to observe the role of the teacher or parent as a participant. Includes global engagement learning outcomes.

Attributes: Cultural Understand&Engagement, Upper-Division **Restrictions:** Junior, Post-Baccalaureate, Senior students only.

FCS 3310: THE PROFESSION OF DIETETICS (2) Offerings

Provides an overview of the dietetics profession including educational pathways, career options, professional organization, code of ethics, standards of practice, and professional values, issues and trends. Preparation for dietetic internships and graduate programs is emphasized.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.

FCS 3321: NUTRITION THROUGH THE LIFE CYCLE (3) Offerings

Presents the role of nutrition during specific phases of the life cycle. Topics include nutrition and its influence on fertility, pregnancy and lactation; growth and development in infancy, childhood and adolescence, and in healthy aging. Strategies for preventing and managing a variety of conditions in the life cycle are discussed.

Attributes: Upper-Division **Prerequisites:** FCS 2385: C- or better OR FCS 3340: C- or better

FCS 3340: HUMAN NUTRITION (5) Offerings

Presents the structure, function, metabolism and principal food sources of the major nutrients required by humans; discusses the role of an adequate diet in normal human body function and disease prevention. Students use nutrient and energy requirements as well as diet planning principles to evaluate their own diet. Contemporary food issues and controversies are also critically discussed.

Attributes: Upper-Division **Prerequisites:** (CHM 1211: D or better AND CHM 1330: D or better) OR (CHM 1211: D or better AND BIO 2129: D or better) OR (CHM 1211: D or better AND BIO 2130: D or better) OR (CHM 1211: D or better AND CHM 1310: D or better) OR (CHM 1330: D or better AND BIO 2129: D or better) OR (CHM 1330: D or better AND BIO 2130: D or better) OR (CHM 1330: D or better AND CHM 1310: D or better) OR (BIO 2129: D or better AND BIO 2130: D or better) OR (BIO 2129: D or better AND CHM 1310: D or better) OR (BIO 2130: D or better AND CHM 1310: D or better) OR (CHM 1211: D or better AND CHM 1360: D or better) OR (CHM 1310: D or better AND CHM 1360: D or better) OR (CHM 1330: D or better AND CHM 1360: D or better) OR (BIO 2129: D or better AND CHM 1360: D or better) OR (BIO 2130: D or better AND CHM 1360: D or better)

FCS 3352: NUTRITION EDUCATION AND COUNSELING (5) Offerings

Examines the knowledge and skills required for effective nutrition education and counseling. Includes health behavior theories and counseling strategies for individuals across the lifespan that are part of the client-centered counseling process. Uses case studies, client simulations and role playing to develop skills. Students learn and practice principles of nutrition education in various settings with hands-on projects and applications.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** FCS 3240: C- or better AND FCS 3340: C- or better

FCS 3365: NUTRITION AND MEAL PLANNING (5) [Offerings](#)

This course develops skills in the application of nutrition principles for planning healthy meals and menus for diverse individuals and families. Skills in food preparation, presentation, culinary techniques, budgeting, and using nutrition analysis software are cultivated. Cultural and religious food traditions are explored.

Attributes: Upper-Division **Prerequisites:** FCS 2365: C- or better AND (FCS 2385: C- or better OR FCS 3340: C- or better) **Fees:** FCS Course Fee

FCS 3365L: NUTRITION AND MEAL PLANNING LAB (0) [Offerings](#)

Lab Component of FCS 3365.

FCS 3385: FOOD AND CULTURE (3) [Offerings](#)

Prerequisite: Junior standing or permission of instructor. Explores the ways in which diet and food practices can best be understood within the context of culture. Various cultural traditions, cuisines, foods, food ways and nutritional practices are explored. May be repeated for credit 2 times.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded. **Fees:** FCS Course Fee

FCS 3410: PERSONAL FINANCE (4) [Offerings](#)

Understanding financial planning for individuals and families, including net worth, budgeting, cash management, use of credit, federal income taxes, investment basics, insurance, making wise consumption decisions, consumer redress, and ethical behavior in the marketplace.

Attributes: Upper-Division

FCS 3710: HOUSING AND COMMUNITY (5) [Offerings](#)

Housing is far more than 'protection from the elements'. Housing is a complex product and process with social, economic, and environmental implications for individuals, families/households and communities. The course will assist students in developing an understanding of and appreciation for the complexity of housing, both consumption and production, through surveying topics that include defining housing; the housing continuum; residential design and construction; housing tenure (renting and owning); affordable housing; the housing industry; government policies; and housing challenges in the 21st century.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.

FCS 3712: LIGHTING DESIGN (4) [Offerings](#)

Explores the use of lighting as a design element in the interior environment. Electricity, electrical distribution systems, light sources, lighting calculation, lighting fixtures, and lighting installations are topics of lecture and discussion.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** FCS 2204: D or better AND FCS 2702: D or better

FCS 3714: ADVANCED DESIGN-INTERIORS (5) [Offerings](#)

Applies the design process to practical problems in interior-design drafting. Incorporates elements of space planning, universal design, and organization of commercial space. Includes local field trips.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** FCS 2204: D or better

Fees: FCS Course Fee

FCS 3716: AFFORDABLE HOUSING (5) Offerings

How does a community house its residents, especially those who cannot afford to rent or buy housing in the private market? This course will explore affordable housing, focusing on the critical shortage of affordable housing for people earning in the low- to moderate income categories, with local and state applications. More specifically, this course will explore the importance of housing for all people, and for affordable housing – what it is, why there is a shortage, the main tools to produce it, trade-offs, and the role of citizen participation in education and advocacy for affordable housing and housing for all.

Attributes: Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded.

FCS 3720: UNIVERSAL DESIGN IN HOUSING (3) Offerings

Introduces the students to the fundamentals of universal design and home modifications. Students learn about human factors, activities of daily living, and priorities to make the best functional and aesthetic use of space. This course is designed to stimulate students' critical thinking and creative problem solving often in very restricted space.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** FCS 2702: D or better AND FCS 2204: D or better

FCS 3730: BUILDING CONSTRUCTION (4) Offerings

Analyzes building construction methods for new residential and commercial structures, including framing details. Studies cultural and geographical rationales behind various construction practices and examines the benefits and drawbacks of various foundation and roofing styles as well as the latest in sustainable building standards, products and technology. Field trips may be included. May be repeated for credit 1 time.

Attributes: Upper-Division **Restrictions:** Fashion Merchandising, Interior Design Majors only. **Prerequisites:** FCS 1710: D or better AND FCS 2204: D or better AND FCS 2702: D or better

FCS 3740: INTERIOR DESIGN HISTORY (5) Offerings

A comprehensive survey course covering the design history of architecture, interiors, and furniture in civilizations all over the world, from ancient times to the present. May be repeated for credit 1 time.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Interior Design, Interior Design -Merchandising Majors only. Freshman students are excluded. **Prerequisites:** FCS 1710: D or better AND FCS 2702: D or better

FCS 3822: RETAIL MERCHANDISING (5) Offerings

Explores the key strategies used to operate and manage a successful retail corporation. Students learn how retailers use external and internal market analysis to assess their core competencies to be profitable in an intensely competitive global market. The steps involved in the merchandising process, including the role of the buyer and the importance of visual merchandising, are examined as integral to satisfying the retailer's consumer base. Through this holistic review of retailing, students are given the foundation for merchandising career opportunities.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** FCS 2702: C- or better OR FCS 2820: C- or better

FCS 3823: EXPLORING GLOBAL DRESS AND BEHAVIOR (5) Offerings

This course provides an understanding of global societies through an investigation of the socio-political, economic and religious factors that impact appearance, dress and behavior in these cultures. Students will develop increased intercultural competency skills and enhanced multicultural sensitivity by being able to identify material and non-material culture from various countries across the globe. Ultimately, students will be able to engage society with grace and understanding and change the world from increased global awareness.

Attributes: Upper-Division, Ways of Engaging

FCS 3825: RETAIL BUYING AND MANAGEMENT (5) Offerings

Focuses on the role of retail buyers in the merchandising process. Examines merchandising decisions such as what and how much inventory to buy, from where to source, and how best to market goods to the consumer to meet sales goals. Merchandise planning decisions and sales goals are determined using retail math equations.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** FCS 2820: C- or better AND FCS 3822: C- or better AND Spreadsheets Competency (SBGE): P or better

FCS 3830: TEXTILES (5) Offerings

Study of textiles from raw materials through finishing and dyeing of fabrics as related to durability, comfort, and aesthetics. Survey includes the structure of the textile industry, textile laws and regulations, and textile testing. Provides hands-on experiences in areas such as fiber identification, properties, and structures.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

FCS 3840: FLAT PATTERN DESIGN (5) Offerings

Provides foundational understanding for drafting, pattern manipulations, and elements of good fit to create functional, as well as aesthetically pleasing, apparel products. Students develop basic slopers through pattern drafting, and also practice designing and constructing creative apparel products including a dress garment for the final project. Through this understanding and skill development, students will be able to evaluate and create ready-to-wear apparel products in the global fashion industry.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** FCS 1840: C- or better AND Math Placement Level: A or better

FCS 3842: APPAREL PRODUCTION AND EVALUATION (5) Offerings

Provides specific knowledge and skills of the industry standards necessary to evaluate and create ready-to-wear apparel products in the global fashion industry.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** FCS 1840: C- or better AND FCS 3840: C- or better

FCS 3843: COMPUTER-AIDED DESIGN I FOR INTERIOR DESIGN (3) Offerings

Applies two- and three-dimensional computer drawing in the design of interior space. Uses AutoCAD software on a Windows-based system.

Attributes: Upper-Division **Restrictions:** Undergraduate only. Freshman, Sophomore students are excluded. **Prerequisites:** FCS 2204: D or better

FCS 3870: HISTORY OF COSTUME (5) Offerings

A study of textile and costume designs from ancient to present day civilizations. Social, economic, and political factors in addition to the historical role of women in various time periods are investigated to assess their influence on the evolution of costume and cultural art forms.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.

FCS 3875: APPEARANCE AND CULTURE (3) Offerings

A study of the diverse meanings of appearance and dress as manifestations of individual and group behavior, social organizations, and cultural norms. Students develop an increased awareness and sensitivity to the power of dress as a non-verbal communicator as they explore the role of socialization in local and global cultures.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.

FCS 3890: GLOBAL SOURCING AND PRODUCTION (5) Offerings

Survey current issues and trends related to sourcing and manufacturing of apparel and textiles products in global markets. Students explore ethical, social, political, and economic issues related to global sourcing and production. An Asian Studies elective course.

Attributes: Cultural Understand&Engagement, Upper-Division **Restrictions:** Apparel Design, Apparel Design / Fashion Merch, Apparel Merchandising, Asian Studies, Fashion Merchandising Majors only. **Prerequisites:** FCS 2820: C- or better

FCS 3892: OMNICHANNEL RETAILING (5) Offerings

Survey current issues and trends related to omnichannel retailing including online and offline experiences with a focus on how social media have transformed apparel retailers' business strategies. Evaluate the strengths and weaknesses of multiple retail channels and interpret consumer behavior in an omnichannel context.

Attributes: Upper-Division **Restrictions:** Apparel Design, Apparel Merchandising Majors only. **Prerequisites:** FCS 2820: C- or better OR FCS 3822: C- or better

FCS 4240: FAMILY RELATIONS (3) Offerings

Studies the role of families in establishing a home environment that provides for the physical, emotional, intellectual, and social development of family members with particular emphasis on human sexuality and communication.

Attributes: Upper-Division

FCS 4280: GLOBAL WORK AND FAMILY (5) Offerings

Explores how internal and environmental factors combine to define, influence, and impact family dynamics. Differentiates between global and cross-cultural perspectives and the characteristics of each perspective. Promotes an understanding of family strengths and weaknesses within the context of the three societal gaps: income, care, and gender. Describes how globalization may put families at risk and families may respond. Includes opportunities to observe and participate in family rites, rituals, norms and folkways as seen in a diverse, global environment. Typically offered: Winter.

Attributes: Upper-Division

FCS 4310: SPORTS AND EXERCISE NUTRITION (3) Offerings

Examines the role of the six major nutrients in energy metabolism and optimal athletic performance and recovery. Presents nutrition principles relevant to physical activity. Discusses the different dietary needs of athletes in a variety of sports as well as active individuals with special conditions or needs. Through a series of worksheets and case studies, students practice research, nutrition assessment and meal planning skills that aim to improve diet and physical performance.

Attributes: Upper-Division **Prerequisites:** FCS 3340: C- or better

FCS 4330: ADVANCED NUTRITION AND METABOLISM (5) Offerings

In-depth discussion of the properties of macro- and micronutrients, their interrelationships and distribution in the food supply, nutrient transport and metabolism at the cellular and systemic levels and the contributions of nutrients to the maintenance of human health.

Attributes: Upper-Division **Restrictions:** Food and Nutritional Sciences, Nutrition and Dietetics Majors only. **Prerequisites:** (BIO 2101: D or better OR CHM 1330: D or better) AND (CHM 1360: D or better OR CHM 4361: D or better) AND BIO 2130: D or better AND FCS 3340: C- or better

FCS 4340: MEDICAL NUTRITION THERAPY I (5) Offerings

Presents nutrition as a factor in the management, treatment and prevention of disease. Discusses strategies for assessing nutrition status, energy and nutrient needs for developing, implementing and documenting evidence-based, culturally-sensitive treatment care plans for key chronic medical conditions. A case-study approach is used and medical terminology practiced.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** FCS 2365: C- or better AND FCS 3340: C- or better AND BIO 2130: D or better

FCS 4341: MEDICAL NUTRITION THERAPY II (5) Offerings

Continuing study of nutrition as a factor in the management, treatment and prevention of disease. Discusses strategies for assessing nutrition status, energy and nutrient needs, and for developing, implementing and documenting evidence-based, culturally-sensitive treatment care plans and appropriate nutrition support modalities for conditions common in hospitalized patients. A case-study approach is used and medical terminology practiced.

Attributes: Upper-Division **Restrictions:** Food and Nutritional Sciences, Nutrition and Dietetics Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** FCS 4340: D or better

FCS 4352: COMMUNITY NUTRITION (3) Offerings

Explores the major community and public health nutrition problems in the United States and the roles and practice arenas of community nutritionists. Federal and nongovernmental programs designed to meet food and nutritional needs of vulnerable populations are examined. Critical thinking skills are developed through exploration and evaluation of nutrition policies and programs.

Attributes: Upper-Division **Restrictions:** Food and Nutritional Sciences Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** FCS 3340: C- or better

FCS 4367: EXPERIMENTAL FOODS (5) Offerings

Provides an experimental approach to the study of food product development. Explores theory and application of basic food-science research design, implementation of experiments, interpretation and reporting of data in a research paper and poster. Issues related to the food supply and food safety are also examined.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Food and Nutritional Sciences, Nutrition and Dietetics Majors only. **Prerequisites:** FCS 2365: C- or better AND (BIO 2101: D or better OR CHM 1330: D or better) AND MAT 2360: D or better **Fees:** FCS Course Fee

FCS 4370: NUTRITION RESEARCH (3) Offerings

Reviews research methodologies in nutrition science. Students enhance their critical thinking skills through reading and evaluation of scientific publications in the field of Nutritional Sciences. Students practice and improve essential skills for writing in the discipline by synthesizing information on a recent or controversial topic in human nutrition in the form of research papers and through the use of scaffolding assignments, drafts and peer review.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** MAT 2360: D or better

FCS 4470: CAREERS IN HUMAN SERVICES (1) Offerings

Explores careers in the field of human services. Encourages students to explore their social and cultural identities as they transition to the professional field. Provides background and specific skills needed to research, obtain, and succeed in human services

careers through networking, interviews, guest speakers, site visits, and job preparation.

Attributes: Upper-Division **Restrictions:** Family and Consumer Sciences, Human Dev & Family Studies Majors only. Senior students only. **Prerequisites:** FCS 1050: C- or better AND FCS 3240: C- or better AND FCS 3410: C- or better AND FCS 3710: C- or better AND FCS 4280: C- or better

FCS 4510: COMMUNICATING FAMILY AND CONSUMER SCIENCES (5) Offerings

Emphasizes a critical understanding, development, and organization of the subject content that meets national and state standards. Explores methods and strategies for teaching family and consumer science concepts. Identifies philosophy and mission of career and technical education programs that meet the established standards and criteria for a state approved Family and Consumer Sciences Programs. Includes global engagement learning outcomes.

Attributes: Upper-Division **Restrictions:** Family and Consumer Sciences, Human Dev & Family Studies Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** FCS 2365: C- or better OR FCS 2385: C- or better OR FCS 3340: C- or better OR FCS 3240: C- or better OR FCS 3410: C- or better OR FCS 3710: C- or better OR FCS 3875: C- or better

FCS 4512: ASPECTS OF CAREER AND TECHNICAL EDUCATION FOR APPROVED FAMILY AND CONSUMER SCIENCE PROGRAMS (3)

Offerings

Prerequisite: Methods Quarter. Identifies philosophy and mission of career and technical education and explores methods of planning and implementing a program that meets the established standards and criteria for a state approved Family and Consumer Sciences Program.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

FCS 4710: ADVANCED DESIGN II - RESIDENTIAL INTERIORS (5) Offerings

Focuses on honing advanced skills in architectural drafting, sketching, space planning, and presentation. Applies the design process to projects in residential design. May be repeated for credit 1 time.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** (ART 2102: D or better OR ART 1104: D or better) AND FCS 3712: D or better AND FCS 3714: D or better **Fees:** FCS Course Fee

FCS 4712: ADVANCED DESIGN II - COMMERCIAL INTERIORS (5) Offerings

Focuses on honing advanced skills in CAD drafting, space planning, and presentation. Applies the design process to international projects in commercial design. May be repeated for credit 1 time.

Attributes: Cultural Understand&Engagement, Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** FCS 3712: D or better AND FCS 3714: C- or better AND FCS 4743: C- or better AND FCS 4744: C- or better

FCS 4720: INTERIOR DESIGN PROFESSIONAL PRACTICE II (2) Offerings

Development of traditional and digital professional portfolio materials including resume, cover-letter, and presentation of creative work. Required participation in a salesmanship lecture series, attendance at professional events for constructing a networking log, a mock interview. Planning and presentation of the final portfolio exhibition.

Equivalents: ART 4236 **Attributes:** Upper-Division **Restrictions:** Interior Design Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** FCS 4710: C- or better AND FCS 4712: C- or better AND FCS 4744: C- or better **Fees:** FCS Course Fee

FCS 4730: SUSTAINABILITY AND MATERIALS (5) Offerings

Studies the functional uses and inherent properties of various interior finish materials and textiles. Associated sustainability issues will also be examined. Surveys safety standards and code regulations. Includes local field trips.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** FCS 2204: C- or better AND FCS 2702: C- or better

FCS 4743: COMPUTER-AIDED DESIGN II FOR INTERIOR DESIGN (3) Offerings

Application of advanced techniques (3-D) of computer-aided design and drafting using AutoCAD software. May be repeated for credit 2 times.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** FCS 3843: D or better

FCS 4744: COMPUTER-AIDED DESIGN III FOR INTERIOR DESIGN (2) Offerings

Introduces fundamental graphic skills that enhance the communication of design concepts and solutions by using a variety of software programs, including Photoshop, PowerPoint and Word. Basic digital image concepts and scanning will be covered. Course graded Pass/Fail.

Attributes: Upper-Division **Restrictions:** Interior Design Majors only. **Prerequisites:** FCS 4743: C- or better

FCS 4750: CAD IV FOR INTERIOR DESIGNERS (2) Offerings

Introduces the basics of BIM (building information modeling) through the use of Revit software. Topics covered include: Revit workspace and interface; drawing and editing tools; creating walls, windows, doors and floors; setting up sheets for presentation and plotting.

Attributes: Upper-Division **Restrictions:** Interior Design Majors only. **Prerequisites:** FCS 4743: C- or better

FCS 4822: APPAREL DESIGN AND MERCHANDISING SEMINAR (2) Offerings

Identifies trends and current issues in the fashion industry.

Attributes: Upper-Division **Restrictions:** Apparel Design, Apparel Design / Fashion Merch, Apparel Merchandising, Clothing and Textiles, Fashion Merchandising Majors only. **Prerequisites:** FCS 2820: C- or better

FCS 4840: APPAREL DESIGN THROUGH DRAPING (5) Offerings

Focuses on acquiring the skills necessary to develop apparel designs by using techniques of draping materials on the human form. Principles of design will be studied and applied in the production of attractive apparel designs that are in harmony with the current fashion scene.

Attributes: Upper-Division **Restrictions:** Clothing and Textiles Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** FCS 1840: C- or better AND FCS 3840: C- or better AND FCS 3842: C- or better **Fees:** FCS Course Fee

FCS 4843: CAD FOR APPAREL DESIGN (5) Offerings

Provides opportunity to practice CAD rendering skills and creative design process for apparel products. Emphasizes elements and principles of technical design as well as creative design of apparel products. May be repeated for credit 2 times.

Attributes: Upper-Division **Restrictions:** Apparel Design, Apparel Design / Fashion Merch, Clothing and Textiles Majors only. Graduate, Undergraduate only. Freshman, Sophomore students are excluded. **Prerequisites:** (ART 2112: C- or better OR ART 3113: C- or better) AND FCS 2110: C- or better **Fees:** FCS Course Fee

FCS 4844: ADVANCED APPAREL DESIGN (5) Offerings

Explores creative designing process through integrating the theories and skills of sketching, pattern making, draping, and construction in the production of ready-to-wear clothing. Provides a chance to practice visual presentation skills. May be repeated for credit 2 times.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** FCS 3840: C- or better AND FCS 3842: C- or better AND FCS 4840: C- or better

FCS 4846: CAD FOR APPAREL PORTFOLIO (5) Offerings

Provides opportunities to create a professional apparel design portfolio through CAD. May be repeated for credit 2 times.

Attributes: Upper-Division **Prerequisites:** FCS 3840: C- or better AND FCS 3842: C- or better AND FCS 4843: C- or better AND Spreadsheets Competency (SBGE): P or better

FCS 4899: FCS SENIOR CAPSTONE (3) Offerings

Examines history, philosophy, and cultural values as they relate to the mission and goals of the family and consumer science discipline and profession and to each FCS specialization. Investigates public-policy issues affecting families. Examines role of faith in vocation and ethical behavior in professional practice.

Attributes: Upper-Division **Restrictions:** Apparel Design, Apparel Merchandising, Family and Consumer Sciences, Food and Nutritional Sciences, Human Dev & Family Studies, Interior Design, Nutrition and Dietetics Majors only. Freshman, Junior, Sophomore students are excluded. **Prerequisites:** FCS 1050: C- or better AND FCS 3240: C- or better

FCS 4900: INDEPENDENT STUDY (1-5) Offerings

Prerequisites: Senior standing and a B average in family and consumer science studies. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Junior, Sophomore students are excluded.

FCS 4930: FAMILY AND CONSUMER SCIENCE PRACTICUM (1-5) Offerings

Provides an opportunity to gain practical experience related to previous coursework in the major field in supervised teaching, grading, laboratory preparation, and/or tutoring. Specific arrangements with the instructor required. No more than 6 credits may count for major. May be repeated for credit up to 6 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

FCS 4931: PRACTICUM IN DESIGN PRODUCTION (1-5) Offerings

Practical application of coordination, production and promotion in the Designer's Showcase. May be repeated for credit up to 5 credits.

Attributes: Upper-Division

FCS 4932: PRACTICUM: COMMUNITY KITCHEN (1-2) Offerings

Provides opportunities for students to gain practical experience related to various aspects of the planning and execution of communal cooking sessions (community kitchen), as well as its marketing, promotion, and the maintenance of a participant base. This faculty-supervised practicum is designed to enhance the understanding and practice of Christian vocation in SPU students. Participation is by application only, please contact instructor. Limited enrollment. May be repeated for credit up to 8 credits.

Attributes: Upper-Division

FCS 4940: INTERNSHIP (1-10) Offerings

Prerequisites: "B" average; junior standing. Provides opportunities for observation, orientation, and participation in employment. Work experience planned in advance with the instructor. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

FCS 4949: NUTRITION AND DIETETICS INTERNSHIP PROGRAM (18) Offerings

Experiential supervised practice in professional settings. Dietetic interns will spend 40-hours per week gaining entry-level professional experience in a variety of settings, including hospitals, clinics, school districts, and long-term care facilities. Typically offered: Autumn, Spring, Winter. May be repeated for credit 2 times.

Attributes: Upper-Division **Restrictions:** Post-Baccalaureate students only.

FCS 4950: SPECIAL TOPICS (1-5) Offerings

Provides a focused study of a specific topic or contemporary issue chosen by the instructor. See current Time Schedule for topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

Engineering Science

[EGR 1007](#) | [EGR 1010](#) | [EGR 1501](#) | [EGR 1502](#) | [EGR 1503](#) | [EGR 2200](#) | [EGR 2930](#) | [EGR 2950](#) | [EGR 2970](#) | [EGR 3000](#) | [EGR 3211](#) | [EGR 3311](#) | [EGR 3312](#) | [EGR 3313](#) | [EGR 3611](#) | [EGR 3612](#) | [EGR 3614](#) | [EGR 3800](#) | [EGR 3810](#) | [EGR 4450](#) | [EGR 4610](#) | [EGR 4615](#) | [EGR 4811](#) | [EGR 4812](#) | [EGR 4899](#) | [EGR 4900](#) | [EGR 4910](#) | [EGR 4930](#) | [EGR 4940](#) | [EGR 4941](#) | [EGR 4950](#) | [EGR 4960](#) | [EGR 4970](#)

EGR 1007: EXPLORING ENGINEERING (1) Offerings

An experience on developing simple engineering applications and engineering design. Combines lectures, hands-on laboratories and projects. Typically offered: Summer. May be repeated for credit 3 times.

EGR 1010: SCIENCE AND TECHNOLOGY: HOW THINGS WORK (5) Offerings

In this course students will work in teams to explore scientific and engineering principles to discover the basic science and engineering behind core technologies. Students will also consider the interface between Christianity and applied science.

Attributes: WK Applied Science

EGR 1501: COMPUTER AIDED DESIGN APPLICATIONS FOR ENGINEERS (1) Offerings

This course introduces the fundamentals needed to use Computer Aided Design programs including but not limited to parametric design of individual parts, working with assemblies, and creating animations.

Fees: Engineering Materials Fee

EGR 1502: MACHINING AND FABRICATING (1) Offerings

This course will instruct in the principles of manufacturing through a series of guided projects utilizing machine tools, metal cutting, welding, hand tools/hand held power tools, and precision measuring instruments. Instruction will include operation of common machine tools such as the drill press, engine lathe, milling machine, sheet metal fabrication tools, and welding. Emphasis will be placed on safe operation of tools, work planning, and part design for manufacturability. Students will gain experience in light technical drawing (Blueprints/GD&T) and common part layout (benchwork) operations in preparation for manufacturing.

Fees: Engineering Materials Fee

EGR 1503: ENGINEERING TOOLS AND SYSTEMS (1) Offerings

An overview of common tools and techniques used in the design, operation, and analysis of engineering, instrumentation, and manufacturing systems.

Prerequisites: EGR 1502: C- or better **Fees:** Engineering Materials Fee

EGR 2200: ENGINEERING PROBABILITY AND STATISTICS (3) Offerings

Introduces students to concepts of probability and statistics along with methodology for applying these to engineering applications.

Equivalents: MAT 2200 **Prerequisites:** MAT 1235: D or better **Fees:** Mathematics Technology Fee

EGR 2930: PRACTICUM (1-5) Offerings

Open to students who have completed the first two semesters of the Engineering Science program. Must be completed for credit in the

Practicum for lower division students. Does not credit as technical elective for engineering majors. May be repeated for credit up to 15 credits.

EGR 2950: SPECIAL TOPICS IN ENGINEERING (1-5) Offerings

A basic course introducing the study of special interest topics in engineering. Topics and credits may vary between offerings. May be repeated for credit up to 15 credits.

Restrictions: Freshman students are excluded.

EGR 2970: RESEARCH (1-5) Offerings

Special topics and research. Does not count as technical elective credits for engineering majors. May be repeated for credit up to 15 credits.

EGR 3000: PRINCIPLES OF PROFESSIONAL PRACTICE (1) Offerings

Seminar and group discussion on topics related to the development of professional skills to prepare students for an engineering career. Includes discussion of engineering and SPU's mission, leadership styles, workplace ethics, internship and resume preparation, interviewing skills development, and exploration of internship job opportunities.

Equivalents: CSC 3000 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Computer Engineering, Computer Science, Electrical Engineering, General Engineering, Information Systems, Mechanical Engineering Majors, Minors, Concentrations only. Freshman, Sophomore students are excluded. **Fees:** Engineering Materials Fee

EGR 3211: ACOUSTICS (5) Offerings

Students are advised to complete EGR 3500 prior to taking this course. A first course for engineering and physics students in the field of Acoustics and Noise Control Engineering. This course will cultivate a foundational understanding of fundamental acoustical principles such as simple harmonic oscillators, lumped element analysis, sound fields in bounded and unbounded spaces, human response to noise, and environmental and safety issues. Applications will include Helmholtz resonators, loudspeaker enclosures, room acoustics, environmental noise, and HVAC noise and vibration control.

Equivalents: PHY 3211 **Attributes:** Upper-Division **Prerequisites:** (PHY 1101: C- or better AND PHY 1102: C- or better AND PHY 1103: C- or better) OR (PHY 1121: C- or better AND PHY 1122: C- or better AND PHY 1123: C- or better) **Fees:** Engineering Materials Fee

EGR 3311: EXPERIMENTAL METHODS I (3) Offerings

In this course students will be introduced to advanced methods, tools and cognitive tasks required for contemporary scientific investigation and experimental research. Students will participate collaboratively in the design and implementation of benchtop research projects in physics and related fields. Students will use computers for collecting, analyzing and modeling experimental data. Special emphasis will be given to strategies for constructing and testing quantitative models for physical phenomena.

Equivalents: PHY 3311 **Attributes:** Upper-Division, Writing "W" Course **Prerequisites:** PHY 1103: D or better OR PHY 1123: D or better **Fees:** Engineering Materials Fee

EGR 3312: EXPERIMENTAL METHODS II (3) Offerings

In this course students will build on knowledge and skills developed in Experimental Methods I in order to gain greater ownership of the strategies required for autonomous experimental research. Students will participate collaboratively in the process of forming their own research questions and constructing a plan for investigating these questions. Students will use computers for collecting, analyzing and modeling experimental data.

Equivalents: PHY 3312 **Attributes:** Upper-Division, Writing "W" Course **Prerequisites:** EGR 3311: D or better OR PHY 3311: D or better

EGR 3313: EXPERIMENTAL METHODS III (3) Offerings

In this course students will build on knowledge and skills developed in Experimental Methods I & II in order to take full ownership of an autonomous laboratory investigation. Students will participate collaboratively in the processes of: forming a focused research question, writing and refining a research proposal, constructing, testing, calibrating and modifying experimental apparatus, developing and executing data collection and analysis protocols, and synthesizing and presenting research findings.

Equivalents: PHY 3313 **Attributes:** Upper-Division, Writing "W" Course **Prerequisites:** EGR 3312: D or better OR PHY 3312: D or better

EGR 3611: APPROPRIATE AND SUSTAINABLE ENGINEERING I: ALTERNATIVE ENERGY SYSTEMS (5) Offerings

Introduces different energy sources and investigates methods to convert this energy into a useful form. Energy sources that are investigated, designed, built and tested include solar, wind, hydropower, and investigates issues of sustainability with the US energy sector. Includes examples of the use of each of these power sources. Typically Offered: Autumn.

Attributes: Upper-Division **Prerequisites:** PHY 1123: D or better **Fees:** Blakely/NMS Course Fee, Engineering Materials Fee

EGR 3612: APPROPRIATE AND SUSTAINABLE ENGINEERING II (4) Offerings

Advanced topics in appropriate and sustainable engineering, covering topics relevant to engineers focused on sustainable technologies with emphasis on the developing world.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** EGR 3501: C- or better AND EGR 3611: C- or better AND CHM 1211: C- or better **Fees:** Engineering Materials Fee

EGR 3614: APPROPRIATE AND SUSTAINABLE ENGINEERING III (4) Offerings

Advanced topics in appropriate and sustainable engineering, covering topics relevant to engineers focused on sustainable technologies, with emphasis on applications for the developing world. Typically offered: Alternate Years, Spring.

Attributes: Upper-Division **Prerequisites:** EGR 3502: C- or better AND EGR 3612: C- or better **Fees:** Engineering Materials Fee

EGR 3800: BIOMEDICAL ENGINEERING I (1-5) Offerings

Content varies by instructor but will include elements of an introduction to the history of biomedical engineering, biosensors, bioelectric phenomena, bioinstrumentation, biosignal processing, biomechanics, cardiovascular mechanics, prosthetics, cellular mechanics, and ultrasound. The course includes labs, readings, presentations and research papers.

Attributes: Upper-Division **Prerequisites:** EE 2726: C- or better OR EGR 2891: C- or better OR ME 2891: C- or better **Fees:** Engineering Materials Fee

EGR 3810: GENERAL ENGINEERING DESIGN (5) Offerings

This course uses interdisciplinary team projects to illustrate how engineers develop technical solutions to address a problem/need of each team's mutual choosing. Each project requires the design, analysis, and/or selection of various mechanical and electrical elements to construct a functional prototype. Formal documentation via oral and written reports and project management tools are used throughout the process.

Attributes: Upper-Division **Restrictions:** Computer Engineering, Electrical Engineering, General Engineering, Mechanical Engineering Majors only. Junior, Post-Baccalaureate, Senior students only. **Prerequisites:** (EGR 3310: C- or better AND EGR 3500: C- or better) OR (ME 3310: C- or better AND ME 3500: C- or better) OR (EE 3721: C- or better AND EE 3280 can be taken concurrently: C- or better) OR (CPE 3280 can be taken concurrently: C- or better AND EE 3721: C- or better) **Fees:** Engineering Materials Fee

EGR 4450: CONTROL SYSTEMS DESIGN (5) Offerings

Analog control system design using root locus, frequency and PID methods. Introduction to digital control, includes real time digital control. MATLAB and Labview are used extensively as design tools. Typically offered: Winter.

Equivalents: EE 4450 **Attributes:** Upper-Division **Prerequisites:** EGR 3430: C- or better OR EE 3410: C- or better
Fees: Engineering Materials Fee

EGR 4610: SYSTEMS DESIGN (4) Offerings

Provides an analysis and design of engineered systems as they relate to their appropriate application and environmental, economic, and societal sustainability. Students will use a systematic approach, including life cycle assessment, and explore impacts on society, including public policy.

Attributes: Upper-Division **Restrictions:** Computer Engineering, Electrical Engineering, Engineering Science, General Engineering, Physics Majors only. Junior, Post-Baccalaureate, Senior students only. **Prerequisites:** PHY 1123: C- or better **Fees:** Engineering Materials Fee

EGR 4615: ENGINEERING PROJECT MANAGEMENT (3) Offerings

An introduction to project management and team leadership in engineering organizations. Includes concepts on key documents such as work breakdown structures, schedules, budgets, and risk management plans. Learn to use computer based tools for managing projects and tracking project schedule, budgets, and risks. Develop and present project information for a comprehensive, collaborative project including project management ethics and professional standards.

Attributes: Upper-Division **Restrictions:** Computer Engineering, Electrical Engineering, General Engineering, Mechanical Engineering Majors only.

EGR 4811: ENGINEERING SENIOR DESIGN I (3) Offerings

Student teams begin a system level design of a project (a nondisclosure agreement may be required). Projects will be selected from a variety of topics. Students provide detailed schedules for building prototype systems and present periodic progress reports. During the course, students produce a technical specification, undergo several design reviews and design a prototype system. Typically Offered: Autumn.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** General Engineering, Mechanical Engineering Majors only. **Prerequisites:** (EGR 3810: C- or better OR EE 3730: C- or better) AND (EGR 3500: C- or better OR ME 3500: C- or better) **Fees:** Engineering Materials Fee

EGR 4812: ENGINEERING SENIOR DESIGN II (3) Offerings

Student teams continue to implement and refine the prototype design from the first senior design course. Teams write detailed technical reports and submit their designs to design reviews. Periodic progress reports and team presentations are required. Quarter culminates with delivery and demonstration of initial prototype which will be subsequently revised and tested in the third course. Typically offered: Winter.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** EGR 4811: C- or better OR CPE 4211: C- or better OR EE 4211: C- or better **Fees:** Engineering Materials Fee

EGR 4899: ENGINEERING CAPSTONE AND SENIOR DESIGN (3) Offerings

In this capstone course, designs from EGR 4812 are developed into a manufacturing prototype and tested. The course covers testing methodology, redesign, and documentation methodology. Teams author detailed technical documents. Periodic progress reports and final presentations are required. Includes study of vocation in engineering, writing reflective responses, and preparation of a portfolio of major projects students have finished. Typically offered: Spring.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Computer Engineering, Electrical Engineering, General Engineering, Mechanical Engineering Majors only. **Prerequisites:** EGR 4812: C- or better **Fees:** Engineering Materials Fee

EGR 4900: INDEPENDENT STUDY IN ENGINEERING (1-5) Offerings

Student does an independent study under direction of a faculty member. Study of problems in a topic for which related courses have been completed. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

EGR 4910: WASHINGTON STATE FE PREPARATION FOR ENGINEERS (1) Offerings

Seminar review of principles and problem solving in math, ethics, engineering economics, and computer/Electrical engineering technical topics to assist students in preparation for the Engineering FE exam. Typically offered: Autumn.

Attributes: Upper-Division **Restrictions:** General Engineering Majors only. Senior students only. **Fees:** Engineering Materials Fee

EGR 4930: PRACTICUM (1-5) Offerings

Practicum May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Computer Engineering, Electrical Engineering, General Engineering Majors only.

EGR 4940: ENGINEERING INTERNSHIP (1-5) Offerings

Students work for an engineering employer and report on their experience. Arrangements must be made in advance. Typically offered: Summer. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Computer Engineering, Electrical Engineering, General Engineering, Mechanical Engineering Majors only. Freshman students are excluded. **Prerequisites:** CSC 3000: C- or better OR EGR 3000: C- or better

EGR 4941: ENGINEERING INTERNSHIP REVIEW (1) Offerings

Students report on their internship experiences through written reports and presentations. Students must have completed an approved engineering or computer science internship before beginning this course. An engineering or computer science learning contract is required for this course.

Attributes: Upper-Division **Prerequisites:** (EGR 3000: D or better OR CSC 3000: D or better)

EGR 4950: SPECIAL TOPICS: GENERAL ENGINEERING (1-5) Offerings

An advanced course studying a special interest topic in general engineering. Topics and credits may vary between offerings. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Computer Engineering, Electrical Engineering, Engineering Science, General Engineering Majors only. Freshman students are excluded. **Fees:** Engineering Materials Fee

EGR 4960: SENIOR PROJECT (1-5) Offerings

Student works with faculty advisor on a mutually agreed upon project. Requires submission of application to EGR chair three weeks prior to the start of the quarter. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

EGR 4970: RESEARCH (1-5) Offerings

Special projects and research in the engineering department. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Computer Engineering, Electrical Engineering, General Engineering Majors only. Freshman students are excluded.

Electrical Engineering

[EE 1008](#) | [EE 1014](#) | [EE 1210](#) | [EE 1502](#) | [EE 2726](#) | [EE 2726L](#) | [EE 2727](#) | [EE 2727L](#) | [EE 2728](#) | [EE 3028](#) | [EE 3028L](#) | [EE 3280](#) | [EE 3315](#) | [EE 3410](#) | [EE 3500](#) | [EE 3510](#) | [EE 3550](#) | [EE 3721](#) | [EE 3721L](#) | [EE 3722](#) | [EE 3722L](#) | [EE 3730](#) | [EE 3760](#) | [EE 4211](#) | [EE 4212](#) | [EE 4311](#) | [EE 4410](#) | [EE 4450](#) | [EE 4560](#) | [EE 4899](#) | [EE 4900](#) | [EE 4911](#) | [EE 4930](#) | [EE 4950](#) | [EE 4960](#)

EE 1008: INTRODUCTION TO THE EVERYDAY ASPECTS OF ELECTRICAL ENERGY (1) Offerings

This course will introduce students to the fundamental concepts of electrical energy relevant for everyday life using hands-on activities. Topics include electrical appliances, solar panels, energy saving technologies, and electrical safety. No prior electrical or engineering experience is needed.

Fees: Engineering Materials Fee

EE 1014: ELECTRIC VEHICLE FOR EVERYONE (5) Offerings

This course provides an introduction to electric vehicle technology, including the basic concepts in green transportation such as vehicle and system design, battery storage, motors and charging infrastructure. Issues related to electric transportation are explored from different perspectives. The course will also discuss the intersection of the Christian faith and technology. No prior electrical or engineering experience is needed.

Attributes: WK Applied Science **Fees:** Engineering Materials Fee

EE 1210: INTRODUCTION TO LOGIC SYSTEM DESIGN (5) Offerings

Introduction to digital logic design including combinational and sequential logic design with Computer Aided Design (CAD) using a hardware description language. Combinational logic covers truth tables, Boolean algebra, logic gates, circuit minimization, multiplexers, decoders, encoders, programmable logic and more. Sequential logic covers latches, flip-flops, clocks, registers, counters, memories, CPLDs, FPGAs and more. Emphasis is placed on design techniques. Laboratory exercises include designs using both discrete gates and programmable devices.

Prerequisites: CSC 1230: D or better OR CSC 2230: D or better **Fees:** Engineering Materials Fee

EE 1502: ELECTRICAL AND COMPUTER ENGINEERING FUNDAMENTALS (1) Offerings

This hands-on course introduces students to basic hardware and software platforms commonly used by electrical engineers and computer Engineers. Extra Fee.

Equivalents: CPE 1502 **Fees:** Engineering Materials Fee

EE 2726: ELECTRIC CIRCUITS I (5) Offerings

Study of Basic Ohm's and Kirchhoff's laws with voltage/current sources. Preliminary introduction to nodal and mesh analysis, maximum power transfer, and Thevenin's theorem. Introduction to operational amplifiers, ideal transformers, inductance, capacitance, first-order circuits (both DC and AC) and first order frequency response. Includes lab problems, a short design project, and introduction to circuit simulation software. The first of a three-course sequence in which the engineer as servant is discussed. Typically Offered: Autumn, Spring.

Prerequisites: MAT 1236 can be taken concurrently: D or better **Fees:** Engineering Materials Fee

EE 2726L: ELECTRIC CIRCUITS I LAB (0) Offerings

Lab Component of EE 2726.

EE 2727: ELECTRIC CIRCUITS II (4) Offerings

Introduction to source transformations and superposition. Additional work with nodal and mesh analysis, power transfer, and both Thevenin's and Norton's theorems. Introduction to second-order circuits (both DC and AC), including resonance, higher-order Bode plots, complex power and balanced three-phase power. Includes lab problems, short design project, circuit simulation and MATLAB.

Prerequisites: EE 2726: C- or better AND MAT 3237 can be taken concurrently: D or better **Fees:** Engineering Materials Fee

EE 2727L: ELECTRIC CIRCUITS II LAB (0) Offerings

Lab Component of EE 2727.

EE 2728: ELECTRIC CIRCUITS II FOR TRANSFER STUDENTS (5) Offerings

This course is intended for students who took Circuits 1 at another institution. Students cannot take both EE 2727 and EE 2728 for credit. Introduction to source transformations and superposition. Additional work with nodal and mesh analysis, power transfer, and both Thevenin's and Norton's theorems with dependent sources. Introduction to ideal transformers, AC first order circuits, impedance, and frequency response. Introduction to second-order circuits (both DC and AC), including resonance, higher-order Bode plots, complex power and balanced three-phase power. Includes lab problems, short design project, circuit simulation and MATLAB. Extra Fee.

Prerequisites: (EE 2726: C- or better OR EGR 2726: C- or better) AND MAT 3237 can be taken concurrently: D or better **Fees:** Engineering Materials Fee

EE 3028: ELECTRIC CIRCUITS III (4) Offerings

Introduction to active analog filtering, Laplace transforms, pole-zero concepts, state variable analysis, transformers, and two-port theory. The lab portion includes the use of circuit simulation, and MATLAB. Includes a significant team-based design project. Typically Offered: Spring.

Attributes: Upper-Division **Prerequisites:** (EE 2727: C- or better OR EE 2728: C- or better) AND EE 1210 can be taken concurrently: D or better **Fees:** Engineering Materials Fee

EE 3028L: ELECTRIC CIRCUITS III LAB (0) Offerings

Lab Component of EE 3028.

EE 3280: MICROCONTROLLER SYSTEM DESIGN (5) Offerings

Design of hardware and software for embedded systems using a modern microcontroller. Covers hardware interfacing, interrupt interfacing, and use of internal and external peripheral devices. Emphasis is placed on programming of the microcontroller including device drivers, exception and interrupt handling, and interfacing with higher-level languages. Laboratory exercises require programming and hardware design. Typically offered: Spring.

Equivalents: CPE 3280 **Attributes:** Upper-Division **Prerequisites:** EE 1210: D or better AND (EE 3760: D or better OR CSC 3760: D or better OR CPE 3760: D or better) **Fees:** Engineering Materials Fee

EE 3315: ELECTRICITY AND MAGNETISM I (3) Offerings

The first of a two-course sequence, this course studies electrostatics, magnetostatics, boundary conditions, electromagnetic waves, and introduction to applications.

Equivalents: PHY 3315 **Attributes:** Upper-Division **Prerequisites:** MAT 3238: D or better AND (PHY 1103: D or better OR PHY 1123: D or better) **Fees:** Engineering Materials Fee

EE 3410: SIGNAL AND SYSTEM ANALYSIS (5) Offerings

Students are advised to complete EE 3028, prior to taking this course. Characterization of linear systems by impulse response, convolution and transfer function. Study of linear differential equations and linear difference equations as models. Study of continuous and discrete signals including filters and their effects. Uses transform methods including Fourier series and transforms, FFT, Laplace transforms and Z transforms. Includes computer problems. Typically offered: Autumn.

Attributes: Upper-Division **Prerequisites:** (EE 2727: D or better OR EE 2728: D or better) AND MAT 2401: D or better AND MAT 3237: D or better **Fees:** Engineering Materials Fee

EE 3500: POWER SYSTEMS FUNDAMENTALS (5) Offerings

Three-phase power generation, transmission and distribution systems, energy and environment. Safety and electric code standards. Tariffs. Practical training in material and component selection for commercial and industrial applications.

Attributes: Upper-Division **Prerequisites:** EE 2727: D or better OR EE 2728: D or better **Fees:** Engineering Materials Fee

EE 3510: POWER ELECTRONICS FUNDAMENTALS (5) Offerings

Studies technologies and techniques used to control the conversion and flow of electrical power in the context of the larger issues of electric energy use and society, and the role of Power Electronics in Smart Cities. Studies semiconductor switching devices and their central role in efficient power conversion, utility input rectification (AC-DC), switch mode DC-DC, AC-AC, and DC-AC conversion, including application to motor drives, UPS, electromagnetic interference and switch-mode DC power supplies. Includes the design of feedback controllers and Soft Switching. Includes laboratory exercises.

Attributes: Upper-Division **Prerequisites:** EE 3722: D or better OR EE 3721: B or better **Fees:** Engineering Materials Fee

EE 3550: COMMUNICATION SYSTEM ANALYSIS (5) Offerings

An introduction to principles of modern communication systems with an emphasis on current technological applications. Covers basics such as transmission media, analog and digital signaling techniques, computer communication, TCP/IP network architecture, data encoding methods and multiplexing mechanisms. Modern communication protocols for networks and radio links are analyzed. High-level issues such as security, encryption, and cellular management are studied.

Equivalents: CPE 3550 **Attributes:** Upper-Division **Prerequisites:** (EE 2727: D or better OR EE 2728: D or better) AND EE 1210 can be taken concurrently: D or better **Fees:** Engineering Materials Fee

EE 3721: ELECTRONICS I - ANALOG DEVICES AND CIRCUITS (5) Offerings

Study of electronic devices and basic circuit configurations. Topics covered include semiconductors, diodes, AC to DC conversion, amplifier principles, bipolar junction transistors, BJT amplifiers, frequency response, MOS field effect transistors, digital circuits, output stages and power amplifiers, and differential amplifiers. Includes lab problems. Typically Offered: Winter.

Attributes: Upper-Division **Prerequisites:** EE 2727: C- or better OR EE 2728: C- or better **Fees:** Engineering Materials Fee

EE 3721L: ELECTRONICS I - ANALOG DEVICES AND CIRCUITS LAB (0) Offerings

Lab Component of EE 3721.

EE 3722: ELECTRONICS II ANALOG ELECTRONICS (5) Offerings

Studies field effect transistors, FET amplifiers, frequency response, feedback, operational amplifiers, op-amp circuit design, Integrated-Circuit and multistage amplifiers, wide-band gap semiconductors, and introduces power electronics and PCB design. Introduces formal design documentation via lab experience. Typically Offered: Spring.

Attributes: Upper-Division **Prerequisites:** EE 3721: C- or better **Fees:** Engineering Materials Fee

EE 3722L: ELECTRONICS II ANALOG ELECTRONICS LAB (0) Offerings

Lab Component of EE 3722.

EE 3730: ENGINEERING DESIGN (5) Offerings

Team design and construction of industrial or self-designed projects. Typical projects require analog and digital electronic circuit design, development, construction and testing as well as teaming with General Engineering students taking EGR 3810. Required components include formal documentation and the use of project management tools and principles, and the conduction of design reviews. Interdisciplinary projects are encouraged. All projects require oral and written reports.

Attributes: Upper-Division **Prerequisites:** EE 3722: D or better **Fees:** Engineering Materials Fee

EE 3760: COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE (5) Offerings

Study of organization and structuring of the major hardware components of computers. Includes mechanics of information transfer and control within a digital computer system. Introduces computer architecture, machine instruction sets and assembly language programming.

Equivalents: CSC 3760, CPE 3760 **Attributes:** Upper-Division **Prerequisites:** (CSC 2330: D or better OR CSC 2430: D or better) AND EE 1210: D or better **Fees:** Engineering Materials Fee

EE 4211: ELECTRICAL ENGINEERING SENIOR DESIGN I (3) Offerings

Study of mixed digital and analog system design, including embedded software design. Student teams begin a system level design of a project (a nondisclosure agreement may be required). Students provide detailed schedules for building prototype systems and present periodic progress reports. During the course, students produce technical specifications, undergo design reviews and design a proof of concept system. Typically offered: Autumn.

Equivalents: CPE 4211 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Electrical Engineering Majors only. **Prerequisites:** (EE 3280: C- or better OR CPE 3280: C- or better) AND (EE 3730: C- or better OR EGR 3810: C- or better) AND EE 3722: C- or better **Fees:** Engineering Materials Fee

EE 4212: ELECTRICAL ENGINEERING SENIOR DESIGN II (3) Offerings

Continued study of mixed digital and analog system design, including embedded software design. Student teams continue to implement and refine the prototype hardware and software designs from EE/CPE 4211. Teams write detailed technical reports and submit their designs to design reviews. Periodic progress reports and team presentations are required.

Equivalents: CPE 4212 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Electrical Engineering Majors only. **Prerequisites:** (CPE 4211: D or better OR EE 4211: D or better) **Fees:** Engineering Materials Fee

EE 4311: OPTICS AND LASERS (5) Offerings

General theory of geometrical optics, physical optics, fiber optics and optical devices. Lectures and laboratory each week. Typically offered: Alternate Years.

Equivalents: PHY 4311 **Attributes:** Upper-Division **Prerequisites:** PHY 1103: D or better OR PHY 1123: D or better

EE 4410: EMBEDDED AND FIXED POINT DIGITAL SIGNAL PROCESSING (3) Offerings

Prerequisites: EE 3410 and (EE 3760 or CPE 3760 or CSC 3760). In this course, students will use embedded systems to implement signal-processing algorithms including convolution, FFT, IIR and FIR filters and others. Concepts will be modeled using a variety of methods and implemented using lower-level programming languages. Fixed-point systems will be studied and used to implement digital filters. The course will include a project integrating the course ideas.

Attributes: Upper-Division

EE 4450: CONTROL SYSTEM DESIGN (5) Offerings

Analog control system design using root locus, frequency and PID methods. Introduction to digital control, includes real time digital control. MATLAB and Labview are used as design tools. Typically offered: Winter.

Equivalents: EGR 4450 **Attributes:** Upper-Division **Restrictions:** Electrical Engineering, General Engineering Majors only. **Prerequisites:** EE 3028: C- or better AND EE 3410: C- or better **Fees:** Engineering Materials Fee

EE 4560: WIRELESS COMMUNICATION SYSTEMS (3) Offerings

Students study radio frequency (RF) and other wireless communications systems with an emphasis on current methods and standards. Transmission and reception concepts including high- and low-gain antennas, power budget and analysis, attenuation, interference, fading and bandwidth are studied. Modern wireless communications protocols used for mobile telephones, computer networking and broadcast radio/television are explored in detail.

Attributes: Upper-Division **Prerequisites:** (EE 3550: D or better OR CPE 3550: D or better) **Fees:** Engineering Materials Fee

EE 4899: ELECTRICAL ENGINEERING CAPSTONE AND SENIOR DESIGN (3) Offerings

In this capstone course designs from EE 4212 are developed into a manufacturing prototype and tested. Covers testing methodology (hardware and software), debugging and documentation methodology. Teams author detailed technical documents. Periodic progress reports and final presentations are required. Includes study of vocation in engineering, writing reflective responses, and preparation of a portfolio of major projects students have finished.

Equivalents: CPE 4899 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Electrical Engineering Majors only. **Prerequisites:** (EE 4212: D or better OR CPE 4212: D or better) **Fees:** Engineering Materials Fee

EE 4900: INDEPENDENT STUDY (1-5) Offerings

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Fees:** Engineering Materials Fee

EE 4911: WASHINGTON STATE FE PREPARATION FOR ELECTRICAL ENGINEERS (1) Offerings

Seminar review of principles and problem solving in math, ethics, engineering economics, and computer/Electrical engineering technical topics to assist students in preparation for the Electrical Engineering FE exam.

Attributes: Upper-Division **Restrictions:** Computer Engineering, Electrical Engineering Majors only. **Fees:** Engineering Materials Fee

EE 4930: PRACTICUM (1-5) Offerings

Practicum May be repeated for credit up to 5 credits.

Attributes: Upper-Division

Attributes: Upper-Division

EE 4950: TOPICS IN ELECTRICAL ENGINEERING (1-5) [Offerings](#)

An advanced course studying a special interest topic in electrical engineering. Topics and credits may vary between offerings. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Electrical Engineering, Engineering Science, General Engineering Majors only. Freshman, Sophomore students are excluded. **Fees:** Engineering Materials Fee

EE 4960: SENIOR PROJECT (1-5) [Offerings](#)

Student works with faculty advisor on a mutually agreed upon project. Requires submission of application to EE chair three weeks prior to the start of the quarter. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Fees:** Engineering Materials Fee

Greek

[GRK 1101](#) | [GRK 1102](#) | [GRK 1103](#) | [GRK 4900](#) | [GRK 4920](#) | [GRK 4930](#) | [GRK 4940](#) | [GRK 4970](#)

GRK 1101: ELEMENTARY KOINE GREEK I (5) Offerings

Emphasizes the essentials of Koine Greek grammar, syntax, and vocabulary, and enables the student to read the New Testament with a beginner's facility and with the potential to study the Septuagint and other Koine Greek Literature.

Attributes: Foreign Language Comp

GRK 1102: ELEMENTARY KOINE GREEK II (5) Offerings

Emphasizes the essentials of Koine Greek grammar, syntax, and vocabulary and enables the student to read the New Testament with a beginner's facility and with the potential to study the Septuagint and other Koine Greek literature.

Attributes: Foreign Language Comp **Prerequisites:** GRK 1101: D or better

GRK 1103: ELEMENTARY KOINE GREEK III (5) Offerings

Emphasizes the essentials of Koine Greek grammar, syntax, and vocabulary and enables the student to read the New Testament with a beginners facility and with the potential to study the Septuagint and other Koine Greek Literature.

Attributes: Foreign Language Comp **Prerequisites:** GRK 1102: D or better

GRK 4900: INDEPENDENT STUDY (1-5) Offerings

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

GRK 4920: INDEPENDENT READINGS IN CLASSICAL GREEK (1-5) Offerings

Greek is available to qualified students through the classics professor. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

GRK 4930: GREEK TUTORIAL PRACTICUM (1-6) Offerings

For advanced students who wish to assist as discussion leaders and readers in 2000-level Greek classes. May be repeated for credit up to 12 credits.

Attributes: Upper-Division

GRK 4940: INTERNSHIP (1-5) Offerings

An internship in Greek.

Attributes: Upper-Division

GRK 4970: DIRECTED READINGS AND RESEARCH (1-5) Offerings

Directed Readings and Research on a selected topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Prerequisites:** GRK 4920: D or better

General Studies

[GS 1000](#) | [GS 1001](#) | [GS 1004](#) | [GS 1007](#) | [GS 2000](#) | [GS 2001](#) | [GS 2004](#) | [GS 2306](#) | [GS 2500](#) | [GS 2950](#) | [GS 3001](#) | [GS 3004](#) | [GS 3418](#) | [GS 3419](#) | [GS 3421](#) | [GS 3930](#) | [GS 3931](#) | [GS 4000](#) | [GS 4004](#) | [GS 4900](#) | [GS 4950](#)

GS 1000: FOUNDATIONS FOR ACADEMIC SUCCESS (1-5) Offerings

Students who succeed in college possess or develop a requisite core set of skills, understandings, and behaviors. This course for entering freshmen focuses on five areas that impact first-year success at the university level and lay a solid foundation for future achievement: time management, goal setting, motivation, self-regulation, and awareness of campus culture. If taken for two credits, the course also includes a writing component focused on development of personal editing abilities and an understanding of college-level writing demands. May be repeated for credit up to 6 credits.

Restrictions: Freshman, Sophomore students only.

GS 1001: SUCCESS SKILLS FOR COLLEGE (2) Offerings

This class assists students in developing academic skills needed for college success. Students will learn effective strategies for goal setting, time management, reading, note-taking, active studying, and test taking to improve their academic performance. Class emphasizes hands-on learning and application.

GS 1004: ONLINE FIELD GUIDE – EXPLORE CAREER OPTIONS (1) Offerings

At SPU, we believe every student has a unique and special role to play in the world. CALLED! An Online Field Guide (OFG), is the student's companion as they chart a path through college and into the world of work. This introductory EXPLORE class (the first in a series of four online classes), allows students to explore SPU, faith communities, connections with professors, their sense of calling & values, and most importantly, what makes them tick. Students will gain a better understanding of themselves and what interests them in a workplace, plus create a professional resume. Typically offered: Autumn, Spring, Winter.

GS 1007: CULTURAL ADJUSTMENT: CROSS-CULTURAL ENGAGEMENT (1) Offerings

Designed to provide support and guidance to international students who are new to the U.S. This course will guide students through their first quarter at SPU and the impact of American culture on social, emotional, faith, and academic systems in the U.S. Students will be required to interact regularly with domestic (American national) students. This course is required of all undergraduate international students who have lived in the United States one year or less and is recommended for all international students and students who have grown up in another culture (TCK). Students who are not in their first quarter at SPU should not register and will not receive credit.

GS 2000: FINDING YOUR VOCATION (2) Offerings

Being a college student raises important questions about who you are and how you sense God's call in your life. In this seminar-style class, you will come to know yourself better and learn to make good decisions by listening to what gives your life a deep sense of meaning and purpose. Learn to use reflective writing and tools for discernment and prayer in your everyday life and for your future. (FR/SO register for GS2000, JR/SR register for GS4000).

Equivalents: GS 4000

GS 2001: MAJOR AND CAREER EXPLORATION (1) Offerings

Choosing a major can be stressful and confusing, especially when it is unclear how your major will translate to a satisfying career. This class will help you focus on who you are (your gifts and talents) and where you want to be (your dreams and calling). Reflect on

your skills and strengths and create a working resume. Explore majors and career interests with online resources and informational interviews. Discover which key experiences to have as an undergraduate that will enhance your learning and career development. Find which majors fit and create a plan for future exploration and discovery.

Restrictions: Senior students are excluded.

GS 2004: ONLINE FIELD GUIDE – DISCOVER YOUR CALLING (1) [Offerings](#)

At SPU, we believe every student has a unique and special role to play in the world. CALLED! An Online Field Guide (OFG), is the student's companion as they chart a path through college and into the world of work. This DISCERN class (the second in a series of four online classes), gives students a chance to learn spiritual practices, better understand their choice of major, learn how to correspond like a professional, practice informational interviews, plus consider Sabbath and building community. They will also create an updated resume and a LinkedIn profile. Typically offered: Autumn, Spring, Winter.

GS 2306: TUTORING (1) [Offerings](#)

Tutoring May be repeated for credit 2 times.

GS 2500: SERVICE TRAINING FOR SPRINT (2) [Offerings](#)

Explores the missiological, cultural, practical and personal aspects of short-term mission through the lens of Christian Community Development. This course is required for Summer SPRINT participants.

GS 2950: SPECIAL TOPICS (1-5) [Offerings](#)

Explores selected topics.

Equivalents: GS 4950

GS 3001: INTERNSHIP AND JOB SEARCH STRATEGIES: ARTS & HUMANITIES (1) [Offerings](#)

Assists students in preparing to find an internship or post-graduation job. Students will identify and learn to articulate their calling, strengths and skills, explore career options, and prepare to market themselves successfully. Students will learn to network, write a powerful résumé and cover letter, create an effective LinkedIn profile, search for a job or internship and prepare for interviews.

Attributes: Upper-Division

GS 3004: ONLINE FIELD GUIDE – PREPARE FOR LIFE AFTER COLLEGE (1) [Offerings](#)

At SPU, we believe every student has a unique and special role to play in the world. CALLED! An Online Field Guide (OFG), is the student's companion as they chart a path through college and into the world of work. In this PREPARE class (the third in a series of four online classes), students will prepare for internship/work/experiential learning, consider more ideas about calling, map their decisions, learn about mentors, gain experience and attend career events where they will meet employers in person. Students will also create an updated resume and updated professional networking profile. Typically offered: Autumn, Spring, Winter.

Attributes: Upper-Division

GS 3418: STUDENT LEADERSHIP AND SERVICE I (2) [Offerings](#)

This course is designed to prepare Peer Advisors for their role within the Department of Residence Life for the upcoming academic year. Students will be equipped with foundational knowledge of college student development within a Christian community context and receive training on leadership styles, community development, identity development, and other relevant issues for their work with students. May be repeated for credit 3 times.

Attributes: Upper-Division

GS 3419: STUDENT LEADERSHIP AND SERVICE II (1) [Offerings](#)

This course is designed to support Peer Advisors in their current role within the Department of Residence Life and to enhance their understanding of their role among residential students. Course content will include practical information on topics related to peer counseling, wellness, educational program management, and other relevant issues facing college students. May be repeated for credit 3 times.

Attributes: Upper-Division **Prerequisites:** GS 3418: D or better

GS 3421: STUDENT LEADERSHIP: STUDENT MINISTRY COORDINATOR (1) [Offerings](#)

Provides a required training for students in the Student Ministry Coordinator position at Seattle Pacific University. Topics include spiritual formation, team dynamics, diversity training, and program planning. Typically offered: Autumn Quarter. May be repeated for credit 3 times.

Attributes: Upper-Division

GS 3930: PRACTICUM (1-5) [Offerings](#)

Attributes: Upper-Division

GS 3931: CROSS CULTURAL EXPERIENCES IN GUATEMALA (5) [Offerings](#)

This class explores the culture and recent history of Guatemala. The students will be living and working in a small town in central Guatemala and will work with full time professionals assisting with development and outreach activities at specific work sites. The students will learn about the recent history of Guatemala including the Civil war, race relations and disparity of income through readings and lectures. They will reflect on these learning activities in the context of their work sites and living conditions and write essays based upon these reflections.

Attributes: Upper-Division, Ways of Engaging

GS 4000: FINDING YOUR VOCATION (2) [Offerings](#)

Being a college student raises important questions about who you are and how you sense God's call in your life. In this seminar-style class, you will come to know yourself better and learn to make good decisions by listening to what gives your life a deep sense of meaning and purpose. Learn to use reflective writing and tools for discernment and prayer in your everyday life and for your future. (FR/SO register for GS2000, JR/SR register for GS4000).

Equivalents: GS 2000 **Attributes:** Upper-Division

GS 4004: ONLINE FIELD GUIDE – LAUNCH INTO YOUR NEXT STEPS (1) [Offerings](#)

At SPU, we believe every student has a unique and special role to play in the world. CALLED! An Online Field Guide (OFG), is the student's companion as they chart a path through college and into the world of work. This LAUNCH class (the final in a series of four online classes), prepares students for their final year at SPU, offering an opportunity for reflection and reassessment. Students will learn effective job search strategies, and also create an updated resume and an updated professional networking profile. Typically offered: Autumn, Spring, Winter.

Attributes: Upper-Division

GS 4900: INDEPENDENT STUDY (1-5) [Offerings](#)

Independent Study May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

GS 4950: SPECIAL TOPICS (1-5) Offerings

Explores selected topics.

Equivalents: GS 2950 **Attributes:** Upper-Division

Health Sciences

[HSC 1000](#) | [HSC 1100](#) | [HSC 2000](#) | [HSC 3000](#) | [HSC 3035](#) | [HSC 3395](#) | [HSC 4501](#) | [HSC 4700](#) | [HSC 4710](#) | [HSC 4710F](#) | [HSC 4900](#) | [HSC 4940](#) | [HSC 4950](#)

HSC 1000: HEALTH SCIENCES STUDY SKILLS I: PRENURSING CHEMISTRY (2-6) Offerings

This course provides incoming freshmen pre-nursing students skills that support course work in the sciences, specifically chemistry. It specifically addresses time management, note-taking skills, exam strategies, learning style, and University and chemistry program resources. May be repeated for credit up to 6 credits.

HSC 1100: SCIENTIFIC REASONING FOR THE HEALTH PROFESSIONS (3) Offerings

The focus of this course is on the developmental practice of scientific reasoning. In this hands on course, some emphasis will be placed on computation (math) and experimentation (science); however the primary focus is on the use of interpretive frameworks to respond to evidence or information in order to answer questions in the sciences. Using both individual and small group learning strategies participants will learn how to make a claim, identify data that supports the claim and determine the reliability and validity of the data.

HSC 2000: HEALTH SCIENCE STUDY SKILLS II (2-6) Offerings

This course provides prenursing students taking Biology courses with study skills that support their coursework. The course will address note-taking skills, exam strategies, and University and Biology program resources. May be repeated for credit up to 6 credits.

HSC 3000: ISSUES IN WOMEN'S HEALTH (3) Offerings

Examines selected issues in women's health care in the context of women's lived experiences, including women's health care issues within the existing health care system, ways to reclaim and reshape gynocentric care for themselves, and sociopolitical activities that facilitate health care for all women. Global health care will be addressed with SPU mission to engage the culture. Typically offered: Varies.

Equivalents: WST 3000 **Attributes:** Upper-Division, Ways of Engaging

HSC 3035: HUMAN SEXUALITY (3) Offerings

Introduces basic aspects of human sexuality: biologically how the reproductive system works; psychologically how males and females view their sexuality; and sociologically how sexual values and behavior affect the society as a whole. Christian perspectives will be related to the development of sexual values.

Attributes: Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded.

HSC 3395: HEALTH CARE DELIVERY SYSTEMS (3) Offerings

Examines perspectives on differing health care philosophies and practices in the United States and other countries. Explores trends, current events, and technology. Presentations are given by health care providers and consumers from the community.

Attributes: Upper-Division

HSC 4501: TRANSCULTURAL NURSING: FIELD EXPERIENCE ABROAD (2) Offerings

Prerequisite: Acceptance to Study Abroad. This course is designed to guide students in studying contemporary life and health practices of the host country. Special emphasis is placed on influences of environment, people, and the interrelationships that create an ongoing action on daily living. Nursing and the role of care-giving is investigated.

Attributes: Upper-Division

HSC 4700: ISSUES IN GLOBAL HEALTH (3) Offerings

This course focuses on current issues in global health care as well as methods for addressing global inequities in health. Specific topics include: inter-relationships between health, poverty, and violence; development and foreign aid; forces of health disparities; and ethics, human rights, and Christianity. Typically offered: Every Third Year.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

HSC 4710: CULTURE, DIVERSITY, AND HEALTH (3) Offerings

Analyzes the impact of cultural, social, and global factors on the health of multicultural and diverse groups at the individual, family, and community levels. Students gain knowledge and skills to effectively assess and respond to the health needs of multicultural societies through non-discriminatory and culturally sensitive care. Students may subsequently take an optional 2-credit field studies course (HSC 4710F) in September Session as a study abroad course. Typically offered: Spring.

Attributes: Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded.

HSC 4710F: CULTURE, DIVERSITY, AND HEALTH (2) Offerings

Students of all academic disciplines are invited to participate in this study abroad course to analyze the impact of cultural, social, and global factors on the health of multicultural and diverse groups at the individual, family, and community levels. Students who have previously completed HSC 4710, or are currently enrolled in that class, will work with a community organization to develop non-discriminatory and culturally appropriate interventions and programs. Typically offered: Autumn. May be repeated for credit 1 time.

Attributes: Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded. **Prerequisites:** HSC 4710 can be taken concurrently: D or better

HSC 4900: INDEPENDENT STUDY (1-5) Offerings

Independent Study May be repeated for credit up to 15 credits.

Attributes: Upper-Division

HSC 4940: INTERNSHIP (1-5) Offerings

Internship May be repeated for credit up to 5 credits.

Attributes: Upper-Division

HSC 4950: SPECIAL TOPICS IN HEALTH CARE (1-5) Offerings

Focuses on emerging and specialized topics in health care. May be repeated for credit up to 10 credits.

Attributes: Upper-Division

Film Studies

[FLM 1000](#) | [FLM 1001](#) | [FLM 2001](#) | [FLM 2002](#) | [FLM 3000](#) | [FLM 3003](#) | [FLM 3781](#) | [FLM 3800](#) | [FLM 4100](#) | [FLM 4120](#) | [FLM 4135](#) | [FLM 4140](#) | [FLM 4160](#) | [FLM 4170](#) | [FLM 4899](#) | [FLM 4900](#) | [FLM 4910](#) | [FLM 4943](#) | [FLM 4950](#)

FLM 1000: THE ART OF FILM (5) [Offerings](#)

The goal of this course is to develop students' abilities to view films critically and to deepen their understanding of the film experience. The course first teaches analysis of narrative strategies, shot properties, mise-en-scene, editing, acting, and the use of sound in film, particularly classical Hollywood cinema. The course then focuses on the study of different genres of films and how cinematic elements create meaning.

FLM 1001: INTRODUCTION TO FILM GENRES (5) [Offerings](#)

This course explores the major genres of U.S. film. Historically, the most popular and financially-lucrative movies follow the narrative patterns, characterizations, and iconography of genre filmmaking. This class takes a comparative approach to genre filmmaking, including the study of melodramas, gangster films, film noirs, screwball comedies, horror films, musicals, and Westerns.

Attributes: WK Arts **Restrictions:** Undergraduate only.

FLM 2001: FILM HISTORY I: BEGINNINGS-1960 (5) [Offerings](#)

This course provides an historical overview of the development of the Hollywood studio system in U.S. popular culture. The course focuses on history, economics, and film aesthetics. We'll examine a range of films and readings to address issues such as the following: How did the studio system evolve and what roles did it play in shaping the content of American movies and the images of screen actors? What does the popularity of certain movies and actors reveal about different moments in American history?

Attributes: WK Arts **Restrictions:** Freshman, Junior, Senior, Sophomore students only. **Prerequisites:** COM 3780: D or better OR TRE 3780: D or better

FLM 2002: FILM HISTORY II: AMERICAN FILM 1960-PRESENT (5) [Offerings](#)

This course addresses and analyzes a range of latter 20th–early 21st century cinematic developments in the context of major transitions in the American film industry and in society. Among the trends we'll examine are the dominant stylistic and ideological models of classical Hollywood, the influence of the French New Wave on American cinema in the late 1960s; the emergence of the New Hollywood and the early film school generation of the 1970s, as well as the eventual emphasis on blockbusters and independent filmmaking. Typically offered: Spring.

Attributes: Cultural Understand&Engagement, WK Arts

FLM 3000: DIRECTORS AND GENRES (5) [Offerings](#)

This course provides an in-depth study of a small number of major topics. Typically, the coverage will involve one unit each on a director and/or genre. One feature film is seen and discussed each week. Sample topics include the films of Sydney Pollack, the films of Kathryn Bigelow, the Film Noir genre, James Cagney and the Gangster Film, John Ford and the Western, and so forth.

Attributes: Upper-Division **Restrictions:** Film Studies Majors only. Freshman students are excluded. **Prerequisites:** FLM 2001: D or better OR FLM 2002: D or better

FLM 3003: DOCUMENTARY FILM (5) [Offerings](#)

This course examines the meanings and visual composition of works produced by documentary directors. Documentaries often aim

This course examines the meanings and visual composition of works produced by documentary directors. Documentaries often aim to capture unmediated social reality, and this course explores the strategies taken by filmmakers to achieve their desired goals.

Attributes: Upper-Division **Restrictions:** Communication, Film Studies, Soc Justice/Cultural Studies, Theatre Majors only. Freshman students are excluded. **Prerequisites:** FLM 1000: D or better AND (COM 3780: D or better OR TRE 3780: D or better)

FLM 3781: A WORLD ON FILM (5) Offerings

This course explores a range of international films. We will take a comparative, case-study approach to show how movies variously represent the vision and values of filmmakers around the world. Thus, this course is a grand survey of movies that aims through viewing, discussing, reading, and writing about foreign films to teach critical thinking about and appreciation of film art and international filmmaking. Typically offered: Summer, Spring.

Equivalents: COM 3781 **Attributes:** Cultural Understand&Engagement, Upper-Division, Ways of Engaging, Writing "W" Course **Restrictions:** Freshman students are excluded.

FLM 3800: FILM PRODUCTION (5) Offerings

This course will provide students with an understanding of the fundamentals of film production and will facilitate competency in writing, producing and editing fiction and nonfiction moving image production projects. Students will learn the craft of visual storytelling and the process of video production.

Equivalents: ART 3800 **Attributes:** Upper-Division **Restrictions:** Communication, Film Studies Majors only. **Prerequisites:** ART 1107: D or better AND ART 3700: D or better **Fees:** Art Course Fee

FLM 4100: CCCU: FILM STUDIES - THEOLOGY IN HOLLYWOOD (4.5-6) Offerings

Encourages the development of the necessary skills for analysis of the culture of Hollywood, its role in popular culture and the theological intersections therein. Seeks theological engagement with the culture of Hollywood and cinema by investigating some of the social, ethical, and psychological implications of film upon theology. Presents information in four modules, each building on the content of the previous module: 1) an analysis of the culture of Hollywood; 2) a study of theology/Bible and engagement with Hollywood and cinema; 3) Christian ethics and the culture of Hollywood; and 4) a capstone examination of Christian vocation in Hollywood. All students participate in a team-taught lecture seminar led by a professor of theology. Students also participate in small group tutorials, service learning, and discussions.

Attributes: Upper-Division

FLM 4120: CCCU: FILM STUDIES - HOLLYWOOD PRODUCTION WORKSHOP (6) Offerings

Prerequisite: Acceptance into the Los Angeles Film Studies Center. Taught through semester-long program of the Coalition for Christian Colleges and Universities in Los Angeles. An introduction to the theory and practice of motion picture filmmaking. Topics include familiarity with filmmaking equipment; basic motion picture techniques; converting idea to image; the use of lighting, editing and sound in film; and the role of acting, directing and good storytelling in the filmmaking process. Students make several short super 8mm films that manifest their faith in content and process.

Attributes: Upper-Division

FLM 4135: LA FILM STUDIES: FAITH AND ARTISTIC DEVELOPMENT IN FILM (4.5) Offerings

See www.bestsemester.com for current description.

Attributes: Upper-Division

FLM 4140: SCREENWRITING (4.5) Offerings

Prerequisite: Acceptance into Los Angeles Film Studies Center. Taught through semester-long program of the coalition for Christian

Colleges and Universities in Los Angeles. An introduction to contemporary screenwriting, including an understanding of dramatic structure, character and dialogue development, and the writing process. Students complete a full-length screenplay for a feature film or "movie-of-the-week." Emphasis is given to the role of Christian faith and values as they relate to script content.

Attributes: Upper-Division

FLM 4160: LA FILM STUDIES: NARRATIVE STORYTELLING (4.5) [Offerings](#)

See www.bestsemester.com for current description.

Attributes: Upper-Division

FLM 4170: LOS ANGELES FILM STUDIES: PROFESSIONAL ACTING FOR THE CAMERA (4.5) [Offerings](#)

See current description at www.bestsemester.com.

Attributes: Upper-Division

FLM 4899: CAPSTONE: WRITING FILM CRITICISM (5) [Offerings](#)

This course develops students' abilities to think, write, and express ideas effectively and creatively through the study and practice of film criticism. Film criticism at best is an activity that engages the critic, aesthetically, psychologically, morally, emotionally, and politically. Our study of aesthetic and critical practices will provide valuable tools in our larger exploration of the relationship between knowledge, values, artistic expression, and vocation choices. We will examine reviews by leading U.S. film critics whose work has appeared in wide-circulation periodicals over the past 75 years, as well as associated films.

Equivalents: COM 4604 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Communication, Film Studies Majors only. Post-Baccalaureate, Senior students only.

FLM 4900: CCCU: FILM STUDIES - INDEPENDENT STUDY (4) [Offerings](#)

This course may be setup by special request and arrangement. In order to be considered students may submit a portfolio and a project proposal. Students with approved projects will be appointed a mentor who is a professional in the Hollywood industry to supervise the project. Projects could include further development of a portfolio or reel, critical research, or a senior thesis project.

Attributes: Upper-Division

FLM 4910: CCCU: FILM STUDIES - MOTION PICTURE PRODUCTION (4-5) [Offerings](#)

Prerequisite: Acceptance into Los Angeles Film Studies Center. Taught through semester-long program of the coalition for Christian Colleges and Universities in Los Angeles. An introduction to the process of producing an independent feature film. Topics include legal structures, business plans, preproduction activities such as scheduling and budgeting, and an overview of the producer's role in production, post-production, and distribution. Attention is given to the Christian's unique contribution to producing.

Attributes: Upper-Division

FLM 4943: INTERNSHIP (9) [Offerings](#)

Prerequisite: Acceptance into the Los Angeles Film Studies Center. Taught through semester-long program of the Coalition for Christian Colleges and Universities in Los Angeles. Students participate in an internship experience in some aspect of the Hollywood film or television industry. These are non-paying positions primarily in an office setting such as development companies, agencies, personal management companies, production offices, etc. Students work 20 to 24 hours a week throughout the length of the semester. The internships do not include positions on actual filmmaking locations. Instead, students work in offices as support personnel to producers, writers, directors, agents, post-production personnel, and others involved in the total process of producing and distributing a major motion picture. The LAFSC provides interns to many of the major companies within Hollywood.

Attributes: Upper-Division

FLM 4950: SPECIAL TOPICS IN FILM STUDIES (5) Offerings

This course will have a rotating topic, for example: Women in Film - This course provides an examination of films directed by women. Starting from the 1920s to the present, the course considers themes, aesthetics, historical contexts, and cultural discourse presented in movies directed by women. May be repeated for credit 3 times.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** FLM 2001: D or better AND FLM 2002: D or better

Global Development Studies

[GDEV 2000](#) | [GDEV 2001](#) | [GDEV 3000](#) | [GDEV 3050](#) | [GDEV 3100](#) | [GDEV 3200](#) | [GDEV 3300](#) | [GDEV 4899](#) | [GDEV 4900](#) | [GDEV 4940](#) | [GDEV 4950](#)

GDEV 2000: INTRODUCTION TO GLOBAL DEVELOPMENT (5) Offerings

Introduces issues, theories, and discourses of global development. Surveys various approaches to development and inequalities. Compares secular and faith-based frameworks.

GDEV 2001: DEVELOPMENT ISSUES IN INTERNATIONAL SETTING (5) Offerings

Introduction to the major issues and concepts in the field of global development in the context of a given country. Students will examine themes via in-country classroom lectures, discussion, readings, and field experiences. Typically offered: Varies.

Attributes: WK Social Sciences

GDEV 3000: AFRICAN DEVELOPMENT (5) Offerings

This course provides an overview of the key issues in 20th and 21st century African development. Beginning with the legacy of colonialism, in the first half of this course we explore how geography, ethnic conflict, weak institutions, and political instability consistently undermined both economic growth and poverty alleviation in Africa. In the second half, we examine the shift out of historic "poverty traps" in Africa, looking at the role played by processes of state consolidation, governance reforms, foreign direct investment, economic diversification, and greater integration in the global economy.

Equivalents: ECN 3000, POL 3000 **Attributes:** Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** POL 2320: C- or better OR (ECN 2101: C- or better AND ECN 2102: C- or better)

GDEV 3050: INSTITUTIONS AND INSTITUTIONAL ANALYSIS (5) Offerings

This course begins by asking the question: What are institutions and why do they matter? We cover the major concepts in Neo-Institutional Economics (NIE) and examine the relationship between institutions and individual decision making. By understanding the position institutions play in choice situations, we are able to shed important new light on questions of poverty, development, conflict, and political order.

Equivalents: POL 3050, ECN 3050 **Attributes:** Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** POL 2320: D or better OR (ECN 2101: D or better AND ECN 2102: D or better)

GDEV 3100: EAST ASIAN POLITICS & ECONOMIC DEVELOPMENT (5) Offerings

The countries of China, South Korea, Japan, and Taiwan have moved more people out of poverty at a faster pace than any other region at any time in the history of the world. At the same time, several of these states have achieved the goal of establishing stable, consolidated liberal democracies. This course sets out the competing theories that explain the political and economic development of the region.

Equivalents: POL 3100, ECN 3100 **Attributes:** Upper-Division **Prerequisites:** POL 2320: D or better OR (ECN 2101: D or better AND ECN 2102: D or better)

GDEV 3200: GEOGRAPHIC INFORMATION SYSTEMS IN BIOLOGY (3) Offerings

This course provides an introduction to the use of Geographic Information Systems. Specifically, the student will learn how to use ArcGIS with prepared data sets and will create their own GIS database based on field observations as a term project.

Equivalents: BIO 3200 **Attributes:** Upper-Division

GDEV 3300: SOUTHEAST ASIAN DEVELOPMENT (5) [Offerings](#)

Study abroad program in southeast Asia at the Royal University of Law and Economics (RULE) in Phnom Penh. This program will run the full length of the summer quarter. Over the first four weeks, students will complete an accelerated version of the course "Southeast Asian Development" exploring the development histories and distinct challenges confronting the ASEAN states. Over the subsequent six weeks, students will intern full time at one of several NGOS in Cambodia.

Attributes: Upper-Division **Prerequisites:** POL 2320: D or better

GDEV 4899: CAPSTONE: CIVIL SOCIETY (3) [Offerings](#)

Studies theoretical or practical issues in politics, government, and global development.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Global Development Studies Majors only. Freshman students are excluded. **Prerequisites:** BUS 1700: D or better OR Spreadsheets Competency (SBGE): P or better

GDEV 4900: INDEPENDENT STUDY (1-6) [Offerings](#)

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

GDEV 4940: GLOBAL DEVELOPMENT INTERNSHIP (1-15) [Offerings](#)

Provides field experience with non-profit organizations or public/private sector organizations appropriate to global development challenges. Under faculty sponsor supervision, students will apply concepts in global development major to real-world situations. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

GDEV 4950: SPECIAL TOPICS IN GLOBAL DEVELOPMENT (1-5) [Offerings](#)

Special topics in Global Development Studies. May be repeated for credit up to 5 credits.

Attributes: Upper-Division

Health and Human Performance

[HHP 1100](#) | [HHP 1105](#) | [HHP 1108](#) | [HHP 1109](#) | [HHP 1110](#) | [HHP 1115](#) | [HHP 1116](#) | [HHP 1117](#) | [HHP 1120](#) | [HHP 1125](#) | [HHP 1130](#) | [HHP 1135](#) | [HHP 1140](#) | [HHP 1145](#) | [HHP 1150](#) | [HHP 1155](#) | [HHP 1160](#) | [HHP 1165](#) | [HHP 1166](#) | [HHP 1167](#) | [HHP 1175](#) | [HHP 1180](#) | [HHP 1185](#) | [HHP 1190](#) | [HHP 1195](#) | [HHP 1199](#) | [HHP 1200](#) | [HHP 1301](#) | [HHP 1455](#) | [HHP 1456](#) | [HHP 1460](#) | [HHP 1465](#) | [HHP 1470](#) | [HHP 1471](#) | [HHP 1475](#) | [HHP 1476](#) | [HHP 1480](#) | [HHP 1481](#) | [HHP 1495](#) | [HHP 2128](#) | [HHP 2185](#) | [HHP 2195](#) | [HHP 2550](#) | [HHP 2617](#) | [HHP 2619](#) | [HHP 3000](#) | [HHP 3510](#) | [HHP 3515](#) | [HHP 3545](#) | [HHP 3555](#) | [HHP 3560](#) | [HHP 3570](#) | [HHP 3575](#) | [HHP 3580](#) | [HHP 3580L](#) | [HHP 3590](#) | [HHP 3942](#) | [HHP 4555](#) | [HHP 4575](#) | [HHP 4585](#) | [HHP 4590](#) | [HHP 4595](#) | [HHP 4899](#) | [HHP 4900](#) | [HHP 4930](#) | [HHP 4931](#) | [HHP 4940](#) | [HHP 4942](#) | [HHP 4950](#) | [HHP 4960](#)

HHP 1100: OUTDOOR SURVIVAL (2) Offerings

Basic information for the outdoor leisure courses. Teaches wilderness survival as well as how to recognize wilderness dangers. Course will cover knowledge and skill acquisition concerning safety and injury prevention. Topics covered will include temperature control; equipment selection and maintenance; map reading; compass navigation; and emergency protocol. Extra Fee.

Fees: Physical Ed Course Fee

HHP 1105: INTRODUCTION TO BALLET (2) Offerings

Introduction to the technique and discipline of classical ballet. The focus of the class will be placed on learning the technique and basic vocabulary through a series of fun and challenging warm-ups, exercises, and movement combinations.

Attributes: WK Arts

HHP 1108: ALTERNATIVE METHODS OF FITNESS (2) Offerings

This course introduces students to alternative forms of fitness activities such as Pilates, yoga, and aerobic dance. The class also provides basic fitness information that emphasizes lifetime health and wellness. Extra Fee.

Fees: Physical Ed Course Fee

HHP 1109: WEIGHT TRAINING (2) Offerings

Explores the fundamentals and concepts necessary for sustained and successful performance in weight training. The course covers the scientific principles of weight training, exercise selection, safety, and techniques in lifting machine and free weights, program design variables, workout monitoring, and personal orientations required for independent weight training.

HHP 1110: BACKPACKING (2) Offerings

Introduces students to backpacking as a leisure activity and provides students with knowledge and skills to safely and enjoyably participate in the sport.

Fees: Physical Ed Course Fee

HHP 1115: INTRODUCTION TO MARTIAL ARTS (2) Offerings

Introduces students to basic techniques of different styles of martial arts. Students will learn basic principles behind various strikes, kicks and blocks. Encompasses differences in body movement, physical body expectations and various philosophies in self defense. The class will show strengths and weaknesses of each system and it will enhance body movement, agility, strength, flexibility, and hand and eye coordination.

HHP 1116: MARTIAL ARTS: TAE KWON DO (2) Offerings

Introduces students to the discipline of Tae Kwon Do. Students will learn the basic principles behind strikes, kick and blocks of this martial art.

HHP 1117: MARTIAL ARTS: HAPKIDO (2) Offerings

Introduces students to the discipline of Hapkido. Students will learn the basic principles behind strikes, kicks, and blocks of this martial art.

HHP 1120: HIKING (2) Offerings

Introduces students to hiking by experiencing Northwest trails and beauty spots on one-day wilderness treks along beaches, forests, or mountain trails. Classes are held on selected Saturdays.

Fees: Physical Ed Course Fee

HHP 1125: CROSS-COUNTRY SKIING (2) Offerings

Introduces students to cross-country skiing as lifetime activities, and provides students with knowledge and skills to safely enjoy this sport. Extra Fee.

Fees: Physical Ed Course Fee

HHP 1130: SKIING OR SNOWBOARDING (2) Offerings

Introduces students to downhill skiing and snowboarding as leisure activities and provides students with knowledge and skills to safely enjoy these sports. Extra Fee.

Fees: Physical Ed Course Fee

HHP 1135: ROWING (2) Offerings

Introduces students to basic rowing techniques, skills, equipment and conditioning for continued involvement in recreational, fitness or competitive rowing.

HHP 1140: INTRODUCTION TO ROCKCLIMBING (2) Offerings

Introduces students to the basics of rockclimbing and bouldering. Primarily indoor experience, with optional outdoor trips (weather dependent). Equipment, safety and trip preparation will be included as part of the class discussion. Extra Fee.

Fees: Physical Ed Course Fee

HHP 1145: CANOEING AND KAYAKING (2) Offerings

Introduces students to canoeing and kayaking as leisure activities. Emphasis is given to practicing skills on flat water.

Fees: Physical Ed Course Fee

HHP 1150: SAILING (2) Offerings

Introduces students to small-boat day-sailing as a leisure activity and provides students with the knowledge and skills to safely and enjoyably participate in the sport on protected water.

Fees: Physical Ed Course Fee

HHP 1155: CYCLING (2) Offerings

Introduces students to the basics of cycling for fitness. Various types of terrain and cycling routes will be included in the course. Additional information on bicycle repair and maintenance is also discussed. Students must provide own bicycle.

Fees: Physical Ed Course Fee

HHP 1160: CONDITIONING (2) Offerings

Provides students the opportunity to engage in selected activities to increase their level of fitness knowledge and skills for the enjoyment of conditioning as a life-long leisure activity. The activity focus is body weight exercises – students will learn healthy exercises they can perform with no equipment.

Fees: Physical Ed Course Fee

HHP 1165: INTRODUCTION TO DANCE (2) Offerings

Introduces students to basic techniques and rhythms of one of several dance styles including jazz, hip-hop, folk, ballet, improvisational and creative dance.

Attributes: WK Arts

HHP 1166: DANCE TECHNIQUES: MODERN AND JAZZ (2) Offerings

Introduces students to techniques and rhythms of Modern dance and Jazz.

Attributes: WK Arts

HHP 1167: SOCIAL DANCE TECHNIQUES (2) Offerings

Introduces students to current social dance techniques such as ballroom, swing and Latin dance.

Attributes: WK Arts

HHP 1175: FENCING (2) Offerings

Introduces students to basic instruction in the sport of fencing. Technical emphasis on basic footwork, defensive and parry systems, methods of attack and counterattack, judging and directing standard foil competition.

Fees: Physical Ed Course Fee

HHP 1180: GOLF (2) Offerings

Introduces students to the fundamental skills, techniques and rules of golf for enjoyment as a recreational sport.

Fees: Physical Ed Course Fee

HHP 1185: BADMINTON AND PICKLEBALL (2) Offerings

Introduces students to the basic rules, skills and game strategies of badminton and pickleball for enjoyment as recreational sports.

Fees: Physical Ed Course Fee

HHP 1190: TENNIS (2) Offerings

Introduces students to the fundamental skills, game strategies, rules and personal orientations required for playing tennis at a beginning level.

HHP 1195: SCUBA (1) Offerings

This course introduces students to skin and scuba diving. Involves the classroom, pool and open-water training required for Open Water SCUBA certification. Course fee includes textbooks, certification fees, and equipment rental with the exception of mask, fins, snorkel, boots, and gloves, which students will need to purchase. Students will need to obtain medical clearance to dive and should be able to tread water or swim for 10 minutes, as well as swim continuously for 200 yards.

Fees: Physical Ed Course Fee

HHP 1199: LEADERSHIP CAMP (2) Offerings

Provides personal growth and self-discovery through a multi-day wilderness experience. Typically offered: September Session.

Fees: Physical Ed Course Fee

HHP 1200: SOFTBALL (2) Offerings

Covers the fundamental skills, basic rules, terminology, and gameplay of softball.

HHP 1301: WELLNESS AND PHYSICAL ACTIVITY (3) Offerings

Examines the integrated development of spiritual, social, emotional, intellectual, physical, and environmental well-being with special emphasis given to the relationships of each of these with health, physical activity and fitness. Also provides a brief overview of different areas of study and careers related to physical activity. A wilderness-based section of this course may be offered prior to the start of Autumn Quarter.

HHP 1455: MEN'S BASKETBALL (1) Offerings

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

HHP 1456: WOMEN'S BASKETBALL (1) Offerings

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

HHP 1460: WOMEN'S GYMNASTICS (1) Offerings

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

HHP 1465: CROSS COUNTRY (1) Offerings

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

HHP 1470: MEN'S SOCCER (1) Offerings

HHP 1470: MEN'S SOCCER (1) Offerings

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

HHP 1471: WOMEN'S SOCCER (1) Offerings

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

HHP 1475: TRACK AND FIELD (1) Offerings

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

HHP 1476: INDOOR TRACK (1) Offerings

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

HHP 1480: MEN'S CREW (1) Offerings

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

HHP 1481: WOMEN'S CREW (1) Offerings

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

HHP 1495: WOMEN'S VOLLEYBALL (1) Offerings

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

HHP 2128: FUNCTIONAL ANATOMY (3) Offerings

This hands-on learning course will provide students with an understanding of the structural organization of the human musculoskeletal system at a macroscopic level. The course is designed to provide an understanding of the interaction of the muscular and skeletal systems to produce human motion. This course provides a foundation of human motion for further microscopic exploration in Exercise Physiology, Biomechanics and Applied Exercise Science. The course is strengthened by an emphasis on the relationship between structure and function. In addition, students will become well-versed in anatomical and medical terminology.

Restrictions: Exercise Science, Health and Fitness Education, Music Therapy Majors only. **Fees:** Physical Ed Course Fee

HHP 2185: HEALTH AND FITNESS EDUCATION (5) Offerings

Explores overall health and fitness needs, including those of K-8 students. Focuses on age appropriate curriculum and activities with an emphasis on motor skill development and interdisciplinary health and fitness content. On site school observations will be part of the course curriculum.

HHP 2195: PHILOSOPHY AND RESEARCH IN HEALTH AND PHYSICAL ACTIVITY (5) Offerings

This course explores the philosophy and research in Human Movement Sciences. Students will critically analyze, compile, and synthesize current peer-reviewed literature in the field of health, physical activity, and exercise science. Using several frameworks, students will engage in analytical writing and identify strengths and limitations to create new research paradigms. This course will also introduce students to research methods including but not limited to sampling, study design, statistics, measures and pilot study

techniques.

Attributes: Writing "W" Course

HHP 2550: RESPONDING TO EMERGENCIES (3) [Offerings](#)

Presents basic skills of accident prevention and emergency treatment of injury and illness in a variety of situations. Topics include legal liability and accident response; respiratory emergencies and rescue breathing; circulatory emergencies and cardiopulmonary resuscitation; hemorrhage control; shock; sudden illness; burns; injuries from exposure to heat and cold; poisoning; drug-abuse emergencies; bone and joint injuries; and rescue and transfer. Accident simulations are staged to gain practice in emergency care.

Restrictions: Freshman students are excluded. **Fees:** Physical Ed Course Fee

HHP 2617: TEACHING HEALTH AND FITNESS (3) [Offerings](#)

Covers the fundamental skills, planning, terminology, assessments, and teaching techniques necessary to plan and deliver effective instruction in health and fitness activities. The course is centered on the exploration and instruction of body weight exercises. This is a pedagogy class, organized to provide students the opportunity to practice teaching. Students will engage as both an instructor and participant in the activities.

Fees: Physical Ed Course Fee

HHP 2619: TEACHING LEISURE ACTIVITIES, ALTERNATIVE GAMES AND SPORT (3) [Offerings](#)

Covers the fundamental skills, planning, terminology, assessments, and teaching techniques necessary to plan and deliver effective instruction in selected leisure and alternative games (golf, softball, disc sports, etc.) This is a pedagogy class, organized to provide students the opportunity to practice teaching. Students will engage as both an instructor and participant in the activities.

Fees: Physical Ed Course Fee

HHP 3000: UGANDA: HEALTH AND WHOLENESS (4.5) [Offerings](#)

See current description at www.bestsemester.com.

Attributes: Upper-Division

HHP 3510: TEACHING PHYSICAL EDUCATION (5) [Offerings](#)

Explores physical education curriculum, activities and teaching strategies for elementary, middle school and high school students. Content includes lesson design, effective leadership and communication strategies, and classroom management principles that promote cooperation and safety. Students will develop skills necessary to integrate physical education into core curriculum subjects. The course provides a controlled and supervised micro-teaching experience, in an active-learning environment. This is a pedagogy class, organized to give students the opportunity to practice teaching. Students will engage as both an instructor and participant in the physical education activities.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** (HHP 1301: D or better OR PES 1301: D or better) AND (HHP 2195: D or better OR PES 2195: D or better) OR PHY 2567: D or better
Fees: Physical Ed Course Fee

HHP 3515: SECONDARY PHYSICAL EDUCATION (5) [Offerings](#)

Focuses on appropriate curriculum and teaching methods for secondary physical education. Emphasizes how to develop a successful program including strategies for classroom management, lesson and unit design, fitness promotion and safety.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

HHP 3545: PROGRAMS FOR SPECIAL POPULATIONS (3) Offerings

Studies disabilities and how physical education and other recreational activities can be matched with disabled and elderly population needs for participation and/or correction.

Attributes: Upper-Division **Restrictions:** Exercise Science, Health and Fitness Education, Integrated Studies, Music Therapy, Physical Education Majors only. Freshman, Sophomore students are excluded.

HHP 3555: METHODS OF TEACHING HEALTH (5) Offerings

This course identifies major health issues and teaching strategies with a variety of curricular programs through a holistic approach. Topics include community and consumer health, substance use and abuse, lifetime sexuality, child abuse, violence, environmental health factors and communicable disease. Content includes lesson and unit design, effective teaching models for health and presentation management that promotes cooperation and interaction with students of all age levels. Course provides a controlled and supervised micro-teaching experience.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

HHP 3560: PSYCHOLOGICAL ASPECTS OF HEALTH AND PHYSICAL ACTIVITY (5) Offerings

Explores the psychological attributes necessary for sustained and successful leadership in sport and exercise such as motivation, communication, reinforcement, group cohesion, teamwork and trust. The course also examines the implications of performance inhibitors such as anxiety, excessive ambition and aggression, along with intervention strategies such as visualization, arousal control and goal setting. In addition, mental health and wellness concerns pertaining to collegiate student-athletes will be discussed. The course incorporates significant nonfiction material and film to illustrate the content.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Exercise Science, Health and Fitness, Health and Fitness Education Majors, Minors, Concentrations only. Freshman, Sophomore students are excluded.

HHP 3570: BIOMECHANICS (5) Offerings

This course explores the principles of motion (Newtonian Mechanics) through discussion and laboratory experiments with such topics as gait, nature of forces, work-energy-power, torque, muscle-tendon force dynamics, rheology, aerodynamics/hydrodynamics and offers analyses of selected activities. Students will explore biomechanical concepts using laboratory equipment such as force-plates, isokinetic dynamometers and goniometers.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** HHP 2128: C- or better OR BIO 2129: C- or better **Fees:** Physical Ed Course Fee

HHP 3575: MOTOR LEARNING AND DEVELOPMENT (5) Offerings

A study of the principles and practices that affect the learning and development of motor skills; theories of motor learning, motor control, and development; lifespan motor development perspective related to performing motor and sport skills. After a review of the nervous system structure and development, the course examines the various methods of neuromuscular control of movement including proprioception, reflex, information processing, attention, memory, and various forms of rehearsal and practice through lecture and lab experiences.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Fees:** Physical Ed Course Fee

HHP 3580: EXERCISE PHYSIOLOGY (5) Offerings

Gives in-depth description and explanation of physiological responses and adaptations to various exercise modalities, emphasizing improvement of health and athletic performance. A comprehensive examination of the mechanistic adaptations to various training stimuli will be explored. Topics will explore adaptations to the cardiorespiratory, musculoskeletal and bioenergetic systems. Concepts such as V02 max, aerobic/anaerobic thresholds, body composition, and muscle growth and adaptation will be explored in detail. Course includes laboratory. Typically offered: Spring.

Attributes: Upper-Division **Restrictions:** Freshman. Sophomore students are excluded. **Prerequisites:** HHP 1301:

C- or better AND BIO 2130: C- or better

HHP 3580L: EXERCISE PHYSIOLOGY LAB (0) Offerings

Lab Component of HHP 3580.

HHP 3590: SPORT INJURY MANAGEMENT (4) Offerings

Describes the prevention, recognition and treatment of injuries related to sport activity. Emphasis on recognition and decision making for the immediate care of serious and life-threatening injuries and the immediate and secondary care of common sports related injuries. Describes the development and implementation of comprehensive sport injury management systems.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** BIO 2129: C- or better OR HHP 2128: C- or better OR PES 2128: C- or better

HHP 3942: INTERNSHIP AND CAREER STRATEGIES (1) Offerings

Assists students in finding an internship and introduces them to different vocations in the HHP field. Students will develop skills in resume and cover-letter writing; identifying and articulating strengths and skills; using resources for finding internships; interviewing and networking; and understanding the requirements for an approved HHP internship. Typically offered: Spring.

Attributes: Upper-Division

HHP 4555: COMMUNITY HEALTH PROMOTION (3) Offerings

This course introduces students to the application of selected behavioral science theories and concepts in health education and health promotion programs for individuals and groups. An introduction to intervention theory and methods will also be included as a part of the course content. Lecture, demonstration, and case studies are part of the pedagogical process as well as student developed interventions and research.

Attributes: Upper-Division **Prerequisites:** HHP 1301: C- or better

HHP 4575: COACHING AND TRAINING SEMINAR (4) Offerings

Explores various methods of coaching and training, with in depth case study analysis of modern day leaders and historical figures. Leadership and communication styles will be scrutinized. Students will critically examine genuine and hypothetical situations that arise in the competitive athletic environment, and discuss and debate comprehensive resolutions.

Attributes: Upper-Division **Restrictions:** Post-Baccalaureate, Senior students only. **Prerequisites:** (HHP 1301: C- or better OR PES 1301: C- or better) AND (HHP 2195: C- or better OR PES 2195: C- or better) AND (HHP 3570: C- or better OR PES 3570: C- or better) AND (HHP 3580: C- or better OR PES 3580: C- or better)

HHP 4585: APPLIED EXERCISE SCIENCE (5) Offerings

Examines the relationships between and the determinants of physical activity and fitness and develops skills in fitness testing and exercise prescription for health and human performance. This course combines exercise physiology and biomechanics to explore mechanisms of improved health and sports performance. A comprehensive approach to health screening, exercise prescription and program design is provided. Topics such as Posture, functional movement, manual muscle assessment, weight training, and research analysis will be examined so that students can observe the relationships between the determinants of physical activity and sports performance. In addition, this course explores internship and employment opportunities in the field of health and human performance.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** HHP 3570: C- or better AND HHP 3580: C- or better

HHP 4590: ADVANCED ATHLETIC TRAINING TECHNIQUES (3) Offerings

Describes legal liability issues in the care and prevention of sports injuries, provides students with understanding and skill in the theoretical basis and common protocols for therapeutic modalities used in sports medicine, studies principles and programs for therapeutic exercise, and introduces injury assessment techniques including manual muscle testing.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.

Prerequisites: BIO 2129: C- or better AND BIO 2130: C- or better AND (HHP 3590: C- or better OR PES 3590: C- or better)

HHP 4595: ADMINISTRATION OF PROGRAMS IN HEALTH AND PHYSICAL ACTIVITY (3) Offerings

Explores administrative principles necessary to lead successful sport and exercise programs. Legal duties of coaches/wellness administrators will be examined, including constitutional, contract and tort law with facility risk management a central theme. Course discourse will include leadership, strategic planning, communication, time-management, team building, decision-making, and conflict resolution. This class serves as a resource for required senior colloquium. Oral presentations are a main component of the course.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Junior, Sophomore students are excluded.

Prerequisites: (HHP 1301: C- or better OR PES 1301: C- or better) AND (HHP 2195: C- or better OR PES 2195: C- or better)

HHP 4899: CONTEMPORARY ISSUES IN HEALTH AND PHYSICAL ACTIVITY (1-2) Offerings

This Senior capstone course focuses on contemporary issues in the health and fitness field. Students will be challenged to reflect on the relationship between faith and the issues confronting health and fitness professionals. Students will identify a topic of interest for further study and investigation to be presented during the Spring Quarter senior colloquium. Research techniques and writing will be presented to aid in the development of a cohesive project and presentation. Students register for the course each quarter of their senior year as 2 credits in fall, 2 credits in winter and 1 credit in spring for a total of 5 credits. May be repeated for credit up to 5 credits.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Exercise Science, Health and Fitness Education, Physical Education Majors only. Post-Baccalaureate, Senior students only.

HHP 4900: INDEPENDENT STUDY (1-5) Offerings

Allows a nonresearch approach to an approved issue. Course requirements include a defined set of objectives, a minimum of three conferences with a designated faculty member, a current topical bibliography and a term ending assessment mutually developed by faculty and student. The format may be utilized only once. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Exercise Science, Health and Fitness Education, Physical Education, Student-Designed Majors only. Freshman, Sophomore students are excluded.

HHP 4930: EXERCISE SCIENCE PRACTICUM (1-5) Offerings

Provides practical experience in research, physical fitness testing and/or exercise prescription and leadership with members of the SPU community. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Prerequisites:** (HHP 3570: D or better OR PES 3570: D or better) AND (HHP 3580: D or better OR PES 3580: D or better)

HHP 4931: ATHLETIC TRAINING PRACTICUM (1-5) Offerings

Provides practical experience in the prevention, treatment and rehabilitation of athletic injuries. Students work with intercollegiate athletes in the SPU training room and at practice and event sites. May be repeated for credit up to 12 credits.

Attributes: Upper-Division

HHP 4940: INTERNSHIP (1-15) Offerings

Offers work experience with local organizations. Internships are available in all major disciplines. Position descriptions that meet student-generated objectives, work hours, calendar, remuneration and related benefits are established by the cooperating organization. A supervisor/mentor from the cooperating organization serves as the author of specific daily assignments and writes the final evaluation. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Exercise Science, Health and Fitness Education, Physical Education, Student-Designed Majors only.

HHP 4942: INTERNSHIP REFLECTION AND PROFESSIONAL DEVELOPMENT (3-15) Offerings

An integrative course designed to provide the student with the opportunity to synthesize and demonstrate knowledge and skills developed in the Health and Human Performance disciplines and through the student's internship experience. Internship experience must be related to the student's major and have provided opportunities for the student to relate and apply principles of human movement sciences, faith, service, and leadership to a professional setting. Requirements for instructor approval: (1) An Internship Approval Form must be completed by the student and the internship site supervisor and signed by the HHP Internship Coordinator prior to the start of the internship. (2) Students must complete an approved internship (or be currently working at an approved internship) prior to enrolling in this class. Typically offered: Autumn, Spring, Winter.

Attributes: Upper-Division **Prerequisites:** HHP 3942: C- or better

HHP 4950: SPECIAL TOPICS (1-5) Offerings

Selected Topics in Health and Human Performance. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Health and Fitness Education, Physical Education Majors only. Freshman, Sophomore students are excluded.

HHP 4960: PROJECT (1-6) Offerings

Provides an opportunity to design and develop an original idea resulting in a tangible product, innovative curriculum, improved management system or other unique addition to the professional world. Project proposal must include a clear statement of outcome and benefits to setting, defined procedures, time table and assessment procedures. May be repeated for credit up to 6 credits.

Attributes: Upper-Division **Restrictions:** Exercise Science, Exercise and Sports Studies, Health and Fitness Education, Physical Education, Recreation & Sports Management Majors only. Junior, Post-Baccalaureate, Senior students only.

Italian

ITL 4900

ITL 4900: INDEPENDENT STUDY (1-5) Offerings

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

Honors Program

[HON 2000](#) | [HON 2100](#) | [HON 2200](#) | [HON 3000](#) | [HON 3200](#) | [HON 3950](#) | [HON 4899](#) | [HON 4900](#) | [HON 4950](#)

HON 2000: HONORS CORE: CULTURE AND SOCIAL SYSTEMS (5) [Offerings](#)

This seminar introduces University Scholars to the guiding liberal arts question of the SPU Honors curriculum: "what does it mean to be human?," using the interdisciplinary lenses of culture and social systems. It fosters critical thinking and integrative learning by examining how knowledge is constructed through a specific focus on cultural encounters in the past and present. The course models the honors program's pedagogy of faithful academic scholarship through its commitment to intellectual hospitality, inclusion and embrace, and "loving our neighbors as ourselves." Interested non-Honors students can contact the Honors Director for registration on a space-available basis. Typically offered: Autumn.

Attributes: Cultural Understand&Engagement, WK Social Sciences **Restrictions:** Honors Majors, Minors, Concentrations only.

HON 2100: HONORS CORE: ETHICS AND CRITICAL REASONING (5) [Offerings](#)

This Honors Core course continues the liberal arts investigation of what it means to be human in the context of philosophy and moral reasoning. It investigates how knowledge is constructed -- and by whom -- and begins foundational work in the intellectual frameworks and practices of a scholar. The central aim is to develop good, productive, critical thinking and reasoning skills sufficient for navigating some of life's most pressing and seemingly intractable problems. Aristotle declared the human person a "rational animal." One might conceive of this as a crash course on how to think/reason well. And the course continues to model the honors program's pedagogy of faithful academic scholarship through its commitment to intellectual hospitality, inclusion and embrace, and "loving our neighbors as ourselves." Interested non-Honors students can contact the Honors Director for registration on a space-available basis. Typically offered: Winter, Spring.

Attributes: WK Humanities **Restrictions:** Honors Majors, Minors, Concentrations only.

HON 2200: HONORS CORE: HISTORY AND REPRESENTATION (5) [Offerings](#)

This course asks the question "what does it mean to be human?" through investigating the relationship between visual representation and western history and culture. It explores the moral, psychological, and political uses of visual representation across time, and considers how the creation and dissemination of visual imagery can be pursued ethically and with excellence. Interested non-Honors students can contact the Honors Director for registration on a space-available basis. Typically offered: Spring, Winter.

Attributes: Cultural Understand&Engagement, WK Arts, Writing "W" Course **Restrictions:** Honors Majors, Minors, Concentrations only.

HON 3000: HONORS CORE: FAITH AND SCIENCE (5) [Offerings](#)

This course examines the relationship between western science, faith, and theology in the context of the guiding honors question: "what does it mean to be human?" It models how faithful academic scholarship can be both rigorous and intellectually hospitable, continuing the integrative and interdisciplinary liberal arts learning of the honors program as a whole. Interested non-Honors students can contact the Honors Director for registration on a space-available basis. Typically offered: Autumn, Winter.

Attributes: Upper-Division, Ways of Engaging **Restrictions:** Honors Majors, Minors, Concentrations only.

HON 3200: HONORS CORE: RESEARCH AND WRITING (5) [Offerings](#)

An advanced course in the roles and purposes of academic knowledge. Students will investigate information creation within the disciplines and how information gains value, developing an understanding of how authority is both constructed and contextual. They will also learn, through studying and creating high-level academic writing, that research is a form of inquiry and that academic

scholarship is a conversation. Interested non-Honors students can contact the Honors Director for registration on a space-available basis. Typically offered: Autumn, Spring, Winter.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Honors Majors, Minors, Concentrations only.

HON 3950: HONORS ADVANCED STUDIES (5) Offerings

Honors Advanced Studies classes will vary in topic, as approved by the Honors Curriculum Committee. Interested non-Honors students can contact the Honors Director to apply for registration on a space-available basis. Typically offered: Autumn, Spring, Winter. May be repeated for credit 2 times.

Attributes: Upper-Division **Restrictions:** Honors Majors, Minors, Concentrations only.

HON 4899: HONORS RESEARCH CAPSTONE (1-5) Offerings

The Honors Research Capstone course provides an opportunity for University Scholars to study, read, write, and reflect on their honors liberal arts education in the context of their faith commitments and their disciplinary research project, and to do the work to prepare their presentation for the annual Honors Research Symposium, required for honors graduation. Open to Honors students only. Typically offered: Spring. May be repeated for credit up to 5 credits.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Honors Majors, Minors, Concentrations only.

HON 4900: HONORS INDEPENDENT STUDY (1-5) Offerings

Opportunity for independent study, with approval of the Honors Director. Open to Honors students only. Typically offered: Occasionally. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Honors Majors, Minors, Concentrations only.

HON 4950: HONORS SPECIAL TOPICS (1-5) Offerings

Honors Special Topics courses will be offered on an occasional basis, varying in content and delivery. Interested non-Honors students can contact the Honors Director for registration on a space-available basis. Typically offered: Occasionally. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Honors Majors, Minors, Concentrations only.

Humanities

[HUM 3010](#) | [HUM 3020](#) | [HUM 3030](#) | [HUM 3040](#) | [HUM 3111](#) | [HUM 3300](#) | [HUM 4000](#) | [HUM 4010](#) | [HUM 4020](#)

HUM 3010: MEDIEVAL DEVELOPMENTS TO REFORMING TRADITIONS. (1-12) [Offerings](#)

See Bestsemester.com for current description.

Attributes: Upper-Division

HUM 3020: ENLIGHTENMENT TO MODERN PERIOD (1-12) [Offerings](#)

See Best Semester.com for current description.

Attributes: Upper-Division

HUM 3030: METEPHYSICAL POETS (1-12) [Offerings](#)

See BestSemester.com for current course description.

Attributes: Upper-Division

HUM 3040: OXFORD FANTASISTS (1-12) [Offerings](#)

See BestSemester.com for current course description.

Attributes: Upper-Division

HUM 3111: UGANDA STUDIES PROGRAM: AFRICAN LITERATURE (3-6) [Offerings](#)

See current description at www.bestsemester.com.

Attributes: Upper-Division

HUM 3300: CCCU: INDIA LITERATURE (3-6) [Offerings](#)

See BestSemester.com for current course description.

Attributes: Upper-Division

HUM 4000: OXFORD: POLITICAL SCIENCE AND BRITISH CULTURE (6) [Offerings](#)

Prerequisite: Acceptance into the Oxford Scholar's Semester in Oxford. Taught through a semester-long program of the Council for Christian Colleges and Universities in Oxford, England, this course examines selective themes from the British past and the traces they have left in present day Britain. Students explore how events, people, and ideas from the past are remembered, forgotten, and misremembered in literature, politics, philosophy, religion, art and architecture, and the material landscape, and investigate the meaning, use, and abuse of the past. May be repeated for credit 2 times.

Attributes: Upper-Division

HUM 4010: OXFORD SEMESTER: PROHIBITION AND TRANSGRESSION-THE 18TH AND 19TH CENTURY

GOTHIC NOVEL (4.5)

Offerings

Taught through a semester-long program of the Council for Christian Colleges and Universities in Oxford, England. The eighteenth-century gothic movement was a reaction to the dominance of the Enlightenment emphasis on reason and rationalism. The Marquis de Sade saw it as the natural literary result of the violence and terror of the French Revolution. Its conventions included aristocratic villains and persecuted maidens, the supernatural, the victory of nature over man's creations and of chaos over order, and the theme of imprisonment with the consciousness forced back upon itself. As a transgressive sub-genre of the novel, it was anti-Catholic, anti-nostalgic, and anti-aristocratic. It evolved in the Victorian age to reflect nineteenth-century concerns about religion, race, gender, imperialism, and cultural degeneration. This course will trace its development from the first gothic novel, Horace Walpole's *The Castle of Otranto* (1764), to Bram Stoker's presentation of fin-de-siècle anxiety in *Dracula* (1897). Students can explore how gothic themes caught the imagination of contemporary artists and architects and how they translated them into paintings and drawings, many of which acted as inspiration for the writers themselves. Why does the Gothic genre refuse to die? Why do we remain fascinated with the forbidden and enjoy being terrified? What is the difference between terror and horror and why did Romantic poets like Coleridge, Byron, Shelley view the former as such a rich source of inspiration? These are some of the questions we will address. Typically offered: Summer.

Attributes: Upper-Division

HUM 4020: OXFORD SEMINAR:PSYCHOLOGY & LITERATURE-FROM MARGERY KEMPE TO SYLVIA PLATH (4.5)

Offerings

Taught through a semester-long program of the Council for Christian Colleges and Universities in Oxford, England. This seminar will explore mental illness and instability in several major authors, focusing on Margery Kempe, a medieval housewife and mystic who became the first autobiographer in English; John Bunyan, the seventeenth-century author of *Pilgrim's Progress*; John Clare, a nineteenth century nature poet who became incarcerated in an asylum; and two key twentieth-century female authors, Virginia Woolf and Sylvia Plath. We will read their writings in the light of psychological theory and of cultural and feminist contexts. Led by a literary scholar who is also a psychologist and psychiatrist, this seminar will bring unusual insights to the study of these distinctive texts. Typically offered: Summer.

Attributes: Upper-Division

Information Studies

[INF 1000](#) | [INF 2000](#) | [INF 3100](#) | [INF 3500](#) | [INF 4940](#) | [INF 4950](#) | [INF 4970](#)

INF 1000: DIGITAL COMPETENCY (1-2) [Offerings](#)

Digital competency is critical for academic, professional, and personal success. The introductory course provides students with a core set of understandings, skills, and behaviors related to information and digital literacy. Typically offered: Occasionally. May be repeated for credit up to 6 credits.

INF 2000: INFORMATION AND ATTENTION (5) [Offerings](#)

This class considers the nature of information and the role of attention. In addition to exploring fundamental concepts and challenges associated with information, such as information overload and distraction, students will learn practical strategies for successfully navigating our informationally rich and complex world.

INF 3100: DIGITAL LITERACY AND LIFE (3) [Offerings](#)

Prerequisite: INF 2000 is recommended. This class explores the digital dimension of personal, professional, and spiritual lives in the digital age and introduces strategies for cultivating identity and agency in networked environments. Students will learn critical skills for discovering, analyzing, and using information and information technologies as well as how to approach information and information technologies with reflective and ethical questions.

Attributes: Upper-Division

INF 3500: INFORMATION AND SOCIETY (5) [Offerings](#)

This class examines the cultural role of information in history, in expectations of the future, and in our present digital age. Themes include the creation and communication of knowledge, the media and institutions that transmit information and knowledge over time, the ways societies shape and are shaped by information, and the causes and effects of information inequality. This course utilizes service-learning as a framework to understand the ways in which information affects those living in the Seattle area. Typically offered: Spring.

Attributes: Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded. **Prerequisites:** INF 2000: or better OR INF 3100: or better

INF 4940: INTERNSHIP (1-2) [Offerings](#)

Internship related to the area of Information Studies.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** (INF 2000: D or better AND INF 3100: D or better) OR (INF 2000: D or better AND INF 3500: D or better) OR (INF 3100: D or better AND INF 3500: D or better)

INF 4950: TOPICS IN INFORMATION STUDIES (1-5) [Offerings](#)

An advanced course studying a special interest topic in information studies. Typically offered: Occasionally. May be repeated for credit up to 9 credits.

Attributes: Upper-Division

INF 4970: INDEPENDENT RESEARCH (1-3) [Offerings](#)

INF 4970: INDEPENDENT RESEARCH (1-2) Offerings

Independent research project in the area of Information Studies.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** (INF 2000: D or better AND INF 3100: D or better) OR (INF 2000: D or better AND INF 3500: D or better) OR (INF 3100: D or better AND INF 3500: D or better)

Latin

[LAT 1101](#) | [LAT 1102](#) | [LAT 1103](#) | [LAT 4900](#) | [LAT 4920](#) | [LAT 4930](#) | [LAT 4940](#) | [LAT 4950](#) | [LAT 4970](#)

LAT 1101: ELEMENTARY LATIN I (5) Offerings

Studies the essentials of classical Latin grammar to build comprehension in reading and writing elementary Latin. Typically offered: Alternate Years.

Attributes: Foreign Language Comp

LAT 1102: ELEMENTARY LATIN II (5) Offerings

Continues the study in the essentials of classical Latin grammar and syntax. Typically offered: Alternate Years.

Attributes: Foreign Language Comp **Prerequisites:** LAT 1101: D or better OR Proficiency Latin: 19 or better

LAT 1103: ELEMENTARY LATIN III (5) Offerings

Continues the study of classical Latin through reading to provide a basis for future work in the language; emphasizes translation. Typically offered: Alternate Years.

Attributes: Foreign Language Comp **Prerequisites:** LAT 1102: D or better OR Proficiency Latin: 27 or better

LAT 4900: INDEPENDENT STUDY (1-5) Offerings

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

LAT 4920: INDEPENDENT READINGS IN CLASSICAL LATIN (1-5) Offerings

Independent Readings in Classical Literature. May be repeated for credit up to 45 credits.

Attributes: Upper-Division **Prerequisites:** LAT 2204: D or better OR Proficiency Latin: 43 or better

LAT 4930: LATIN TUTORIAL PRACTICUM (1-6) Offerings

For advanced students who wish to assist as discussion leaders and readers in 1000-level Latin classes. May be repeated for credit up to 12 credits.

Attributes: Upper-Division

LAT 4940: INTERNSHIP (1-5) Offerings

An internship in Latin.

Attributes: Upper-Division

LAT 4950: SPECIAL TOPICS (1-9) Offerings

Special Topics

Attributes: Upper-Division

LAT 4970: DIRECTED READINGS AND RESEARCH (1-5) Offerings

Directed Readings and Research. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Prerequisites:** LAT 4920: D or better

Journalism

[JRN 1000](#) | [JRN 2101](#) | [JRN 2202](#) | [JRN 2203](#) | [JRN 2335](#) | [JRN 2801](#) | [JRN 2802](#) | [JRN 2803](#) | [JRN 3301](#) | [JRN 3355](#) | [JRN 3930](#) | [JRN 3931](#) | [JRN 3932](#) | [JRN 4121](#) | [JRN 4121F](#) | [JRN 4900](#) | [JRN 4920](#) | [JRN 4940](#) | [JRN 4941](#) | [JRN 4950](#)

JRN 1000: FUNDAMENTALS OF DIGITAL AND ONLINE MEDIA (5) Offerings

Media are changing rapidly and the study of the relationship between society and communication technologies, as well as between culture and communication is foundational for today's communication majors. These relationships are best approached in a course that not only tackles the literature of these changes, but requires students to interact with a variety of digital tools.

Attributes: WK Humanities

JRN 2101: MEDIA WRITING (5) Offerings

Students will master the basics of journalistic writing, which are applicable to print, online and broadcast media. These skills include news judgment, leads, story organization, precise language, and proper grammar, style and punctuation. Students will cover events such as speeches, and they will learn the basics of interviewing. All skills are guided by an understanding of journalism as a discipline that requires critical thinking, clear professional values and strong ethical responsibility.

Restrictions: Freshman students are excluded.

JRN 2202: REPORTING AND STORYTELLING (5) Offerings

Journalists do more than convey information. They tell true stories, but their stories are only as good as the quality of reporting. Therefore, this course aims to develop students' skills as journalistic storytellers anchored in the discipline of reporting. Students will build their ability to research, report and write through the use of document, online and human sources. Students will also learn to utilize story forms such as hard news, features, narrative, and opinions. They will explore how to use those forms in both print and online media. Typically offered: Alternate Years.

Prerequisites: JRN 2101: D or better

JRN 2203: EDITING AND DESIGN (5) Offerings

Prerequisites: (Not Required but highly recommended) JRN 1000 and JRN 2101. Develops basic skills in editing and publication design for digital media. Topics include web design and analysis; headline writing; photo editing; mobile media; proper use of graphics. Typically offered: Alternate Years.

JRN 2335: MEDIA LITERACY (5) Offerings

Mass media are inescapable: we learn our world through internet, television, radio and print. This course examines how mass media communicate, and it provides criteria for assessing the quality of media content and how media frame our world and define what it means to be human.

Attributes: WK Humanities

JRN 2801: NEWSPAPER PRODUCTION (1-2) Offerings

Laboratory for the student newspaper, the yearbook, and other student publications. Students work under editors in a variety of production phases with access to a faculty advisor. Only 6 credits total of JRN 2801, 2802, 2803, 3930, 3931, and 3932 may be applied to the JRN track or minor. May be repeated for credit 5 times.

JRN 2802: NEWSPAPER PRODUCTION (1-2) [Offerings](#)

Laboratory for the student newspaper, the yearbook and other student publications. Students work under editors in a variety of production phases with access to a faculty advisor. Only 6 credits of JRN 2801, 2802, 2803, 3930, 3931 and 3932 total may be applied to the JRN track or minor. May be repeated for credit 5 times.

JRN 2803: NEWSPAPER PRODUCTION (1-2) [Offerings](#)

Laboratory for the student newspaper, the yearbook, and other student publications. Students work under editors in a variety of production phases with access to a faculty advisor. Only 6 credits of JRN 2801, 2802, 2803, 3930, 3931, and 3932 total may be applied to the JRN track or minor. May be repeated for credit 5 times.

JRN 3301: MEDIA LAW (5) [Offerings](#)

Explores all major areas of media law, their significance for society, and the new challenges posed by cyberspace. Topics include First Amendment and the meaning of free expression; prior restraint; hate speech; libel; invasion of privacy; freedom of information; protection of news sources; free press/fair trial; obscenity and indecency; copyright; advertising; and telecommunications regulation. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course

JRN 3355: THE PUBLIC AND THE MEDIA (5) [Offerings](#)

Applies relevant theories of mass communication to significant issues of media performance informed by the historical development of industry structures, professional practices, and changing technologies. Topics include journalism in the age of print, TV and cyberspace; propaganda, persuasion, and media influence in the world of public relations and advertising; TV, cable, music, film, and controversies over race, gender, violence, obscenity, and children's programming; and emerging questions about the impact of the information superhighway.

Attributes: Upper-Division

JRN 3930: PUBLICATION EDITOR PRACTICUM (1-3) [Offerings](#)

Provides opportunity for application of writing, editing, and production skills in leadership roles in student publications. Open only to those officially selected for positions. No more than 6 credits of Publication Editor Practicum and Newspaper Production total may count toward the JRN track or minor. May be repeated for credit up to 6 credits.

Attributes: Upper-Division

JRN 3931: PUBLICATION EDITOR PRACTICUM (1-3) [Offerings](#)

Provides opportunity for application of writing, editing, and production skills in leadership roles in student publications. Open only to those officially selected for positions. No more than 6 credits of Publication Editor Practicum and Newspaper Production total may count toward the JRN track or minor. May be repeated for credit up to 6 credits.

Attributes: Upper-Division

JRN 3932: PUBLICATION EDITOR PRACTICUM (1-3) [Offerings](#)

Provides opportunity for application of writing, editing, and production skills in leadership roles in student publications. Open only to those officially selected for positions. No more than 6 credits of Publication Editor Practicum and Newspaper Production total may count toward the JRN track or minor. May be repeated for credit up to 6 credits.

Attributes: Upper-Division

JRN 4121: CONVERGENCE JOURNALISM (5) [Offerings](#)

Students will embark on in-depth reporting projects that allow for the use of video, web resources and narrative writing. Students will also examine examples of outstanding journalism and explore how the ethical responsibility for strict factual accuracy remains in place even as they employ different technologies and narrative devices. Typically offered: Alternate Years.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** JRN 1000: C- or better

JRN 4121F: CONVERGENCE JOURNALISM FIELD EXPERIENCE (0) [Offerings](#)

Field experience for JRN 4121.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

JRN 4900: INDEPENDENT STUDY (1-5) [Offerings](#)

Independent Study May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Junior, Post-Baccalaureate, Senior students only.

JRN 4920: DIRECTED READINGS (1-5) [Offerings](#)

Directed Readings

Attributes: Upper-Division

JRN 4940: COOP EDUCATION: JOURNALISM INTERNSHIP (1-5) [Offerings](#)

Applies journalism skills in various employment settings. Students may suggest their own internships in consultation with the faculty supervisor as long as journalism skills are used and other internship criteria are met. No more than 5 of such credits may apply toward a journalism minor. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Junior, Post-Baccalaureate, Senior students only.

JRN 4941: COOP EDUCATION: JOURNALISM INTERNSHIP (1-5) [Offerings](#)

Applies journalism skills in various employment settings. Students may suggest their own internships in consultation with the faculty supervisor as long as journalism skills are used and other internship criteria are met. No more than 5 such credits may apply toward a journalism minor. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Junior, Post-Baccalaureate, Senior students only.

JRN 4950: CCCU: SPECIAL TOPICS IN JOURNALISM (1-6) [Offerings](#)

CCCU:Special Topics in JrnlsM May be repeated for credit up to 6 credits.

Attributes: Upper-Division

Leadership

[LDR 2900](#) | [LDR 4899](#) | [LDR 4930](#)

LDR 2900: FOUNDATIONS OF LEADERSHIP (5) Offerings

This course examines leadership from multiple perspectives and theories. It is intended to provide a foundation and practical applications for student leaders and as they prepare for service and leadership after graduation.

Restrictions: Undergraduate only.

LDR 4899: LEADERSHIP MINOR CAPSTONE (2) Offerings

This course is the culminating experience for the Leadership Minor. The capstone will provide students an opportunity for synthesis and evaluation of previous coursework and experiences related to leadership. It is intended to provide a launching point for students to continue in leadership positions with increased effectiveness and efficiency to serve the greater good.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

LDR 4930: LEADERSHIP PRACTICUM (1-10) Offerings

Prerequisite: Admission to the minor. Supervised practicum in student-leadership positions under advising of the Office of Student Life. Includes learning contract, readings, and assignments to enable students to deepen leadership skills. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Leadership Studies Majors, Minors, Concentrations only. Freshman students are excluded.

Language, Culture and Linguistic

[LCL 1100](#) | [LCL 1101](#) | [LCL 2100](#) | [LCL 3000](#) | [LCL 3100](#) | [LCL 3287](#) | [LCL 3500](#) | [LCL 4254](#) | [LCL 4900](#) | [LCL 4950](#)

LCL 1100: ELEMENTARY LANGUAGE FOR STUDY ABROAD (1-5) Offerings

This course will focus on vocabulary and structures needed for basic communication in a focal language of a study abroad program. Designed for students who have not previously studied the language.

LCL 1101: ACADEMIC ENGLISH FOR SUCCESS (3) Offerings

Blended, supervised self-study format. Content-based review of English with attention to the demands of university-level reading, writing and class discussion. Study skills and cultural issues will also be addressed. May be repeated for credit 2 times.

Restrictions: Undergraduate only.

LCL 2100: INTERMEDIATE LANGUAGE FOR STUDY ABROAD (1-5) Offerings

This course continues the study of vocabulary and structures needed for basic communication in a focal language of a study abroad program. Designed for students having previously studied the language at a beginner level.

LCL 3000: STUDY ABROAD ORIENTATION (3) Offerings

Prepares students intellectually, emotionally, spiritually, and practically for an extended study program in other cultures. Gives students a general background in the basic concepts of intercultural communication, including how to make cultural comparisons, how to recognize and cope with culture shock, and how to communicate with people of another culture. May be repeated for credit 1 time.

Attributes: Upper-Division

LCL 3100: ADVANCED LANGUAGE FOR STUDY ABROAD (1-5) Offerings

This course continues the study of vocabulary and structures needed for advanced communication in a focal language of a study abroad program. Designed for students having previously studied the language at an intermediate level.

Attributes: Upper-Division

LCL 3287: MYTHOLOGY IN LITERATURE (5) Offerings

Through the study of mythological traditions from ancient South Asia and the Mediterranean world, this course explores the origins of power and inequality while improving skills in writing, literary analysis, and discussion.

Attributes: Upper-Division, Writing "W" Course

LCL 3500: CULTURAL STUDY ABROAD (3-8) Offerings

Offered on study abroad programs. Provides a cultural investigation of the host country and an on-site practicum. The course examines the relationship between past and contemporary cultures as evidenced in the arts and society with special attention to a Christian or religious perspective on the historical growth of the civilization. May be repeated for credit 1 time.

Attributes: Cultural Understanding/Engagement, Upper-Division, Ways of Engaging

Attributes: Cultural Understand&Engagement, Upper-Division, ways of Engaging

LCL 4254: TRANSLATION (3) Offerings

Prerequisite: Working fluency in at least one language besides English. Theory and practice of translating, with attention to accuracy and nuances of style. May be repeated for credit 1 time.

Attributes: Upper-Division

LCL 4900: INDEPENDENT STUDY (1-5) Offerings

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

LCL 4950: SPECIAL TOPICS (1-5) Offerings

Focuses on different topics relating to the languages and cultures of the world. Topics to be announced in the Online Time Schedule. May be repeated for credit up to 10 credits.

Attributes: Upper-Division

Natural and Mathematical Science

[NMS 3110](#) | [NMS 3350](#) | [NMS 4930](#)

NMS 3110: INFECTIOUS DISEASE AND EPIDEMIOLOGY (3-6) Offerings

Taught in Uganda through a semester-long program of the Council for Christian Colleges and Universities, this course introduces the basic methods for infectious disease epidemiology and public health case studies of important disease syndromes effecting Uganda and East Africa. Methods include definitions and nomenclature, basic disease pathology, symptom presentation, laboratory testing, and the physiology behind basic treatment for the diseases causing most significant morbidity and mortality in East Africa. Case studies include: viral infections (Dengue fever, HIV/AIDS, WNV, Zika, etc), bacterial infections (Tuberculosis, Typhoid, and Diarrheal infections), and parasitic infections (Schistosomiasis, Trypanosomiasis, and Helminths). This course focuses on epidemiology with the combined learning outcomes of pathology, microbiology, and public health for each infectious disease. May be repeated for credit up to 6 credits.

Attributes: Upper-Division **Restrictions:** Doctoral, Graduate are excluded. Freshman students are excluded.

NMS 3350: MICROBIOLOGY (3-6) Offerings

Taught in Uganda through a semester-long program of the Council for Christian Colleges and Universities, This course covers general aspects of undergraduate microbiology with emphasis on endemic microorganisms and human interaction. Topics include introduction to microbiology, microbial taxonomy, methods of microbial identification, immunology and infection. This course includes microscopy, staining, and hospital based microbiology laboratory applications with over 60 laboratory hours at Mukono Church of Uganda Hospital. May be repeated for credit up to 6 credits.

Attributes: Upper-Division **Restrictions:** Doctoral, Graduate are excluded. Freshman students are excluded.

NMS 4930: CROSS-CULTURAL PRACTICUM AND GLOBAL HEALTH SEMINAR (6) Offerings

Prerequisite: Acceptance into the Uganda Studies Program. Taught in Uganda as part of the Council for Christian Colleges & Universities Uganda Studies Program (USP). The Cross Cultural Practicum (3 credits) and Global Health Seminar (1 credit) are taught as a combined course that is required for all Global Health Students. The Cross Cultural component provides students with the opportunity to enrich their understanding of culture as well as further develop and practice their own cultural competence through active service learning and participation and integration into a Ugandan community. A list of eight cross-cultural competencies will serve as guideposts as students learn and grow through their experiences: openness, flexibility, engagement, self-awareness, cultural humility, adaptability/ resilience, cross-cultural skills and integration.

Attributes: Upper-Division **Restrictions:** Doctoral, Graduate are excluded. Freshman students are excluded.

Mathematics

[MAT 0144](#) | [MAT 0145](#) | [MAT 1010](#) | [MAT 1110](#) | [MAT 1221](#) | [MAT 1234](#) | [MAT 1235](#) | [MAT 1236](#) | [MAT 1300](#) | [MAT 1521](#) | [MAT 1560](#) | [MAT 1720](#) | [MAT 2200](#) | [MAT 2360](#) | [MAT 2401](#) | [MAT 2561](#) | [MAT 2700](#) | [MAT 2720](#) | [MAT 3100](#) | [MAT 3237](#) | [MAT 3238](#) | [MAT 3333](#) | [MAT 3360](#) | [MAT 3380](#) | [MAT 3401](#) | [MAT 3442](#) | [MAT 3562](#) | [MAT 3724](#) | [MAT 3730](#) | [MAT 3749](#) | [MAT 3751](#) | [MAT 3899](#) | [MAT 4363](#) | [MAT 4402](#) | [MAT 4403](#) | [MAT 4725](#) | [MAT 4830](#) | [MAT 4899](#) | [MAT 4904](#) | [MAT 4910](#) | [MAT 4930](#) | [MAT 4940](#) | [MAT 4950](#) | [MAT 4960](#)

MAT 0144: COLLEGE READINESS MATH I (3) Offerings

A problem solving approach to the mathematics necessary for success in college level coursework. Emphasis on fluency and flexibility with numerical and algebraic reasoning.

MAT 0145: COLLEGE READINESS MATH II (3) Offerings

Prerequisite: A C- or better in MAT 0144 or Mathematics Placement Level A. A problem solving approach to the mathematics necessary for success in college level coursework. Includes analysis of graphical displays and further development of algebraic reasoning.

Prerequisites: MAT 0144: C- or better OR Math Placement Level: A or better

MAT 1010: COLLEGE ALGEBRA (3) Offerings

Explores inequalities and algebraic functions, including linear, quadratic, polynomial, rational, exponential, and logarithmic.

Prerequisites: MAT 0145: C- or better OR Math Placement Level: B or better

MAT 1110: PRECALCULUS (5) Offerings

Explores algebraic, circular and trigonometric equations and identities; and inequalities.

Prerequisites: Math Placement Level: B or better OR MAT 0145: C- or better

MAT 1221: SURVEY OF CALCULUS (5) Offerings

An applications-oriented course with an intuitive approach, including introduction to both differential and integral calculus. Examples drawn from business, economics, biology, and the social and behavioral sciences. This course is not the prerequisite for 1235, nor can credit be received if 1234 or its equivalent has been taken.

Attributes: WK Quantitative Reasoning **Prerequisites:** MAT 1010: C- or better OR MAT 1110: C- or better OR Calculus Test Part 1: 08 or better OR Calculus Test Total: 13 or better OR SPU Calculus Placement Test: 11 or better

MAT 1234: CALCULUS I (5) Offerings

First course in calculus, emphasizing limits and derivatives of functions of one variable. Typically offered: Autumn and Winter Quarter.

Attributes: WK Quantitative Reasoning **Prerequisites:** MAT 1110: C- or better OR (Calculus Test Part 1: 08 or better OR Calculus Test Total: 13 or better OR SPU Calculus Placement Test: 13 or better) **Fees:** Mathematics Technology Fee

MAT 1235: CALCULUS II (5) Offerings

Second course in calculus, emphasizing integral calculus of functions of one variable.

Prerequisites: MAT 1234: C- or better **Fees:** Mathematics Technology Fee

MAT 1236: CALCULUS III (5) Offerings

Third course in calculus. Includes parametric equations, polar coordinates, vectors, sequences, series, and Taylor expansions. Introduces multivariable calculus, including partial derivatives, double integrals, and triple integrals.

Prerequisites: MAT 1235: C- or better **Fees:** Mathematics Technology Fee

MAT 1300: INTRODUCTION TO STATISTICAL REASONING (5) Offerings

A course in statistical literacy emphasizing concepts and reasoning rather than in-depth coverage of traditional methods and formulas. Topics include data sources and sampling, strengths and limitations of basic experimental design, graphical and numerical summaries of data, and conceptual coverage of probability and statistical inference.

Attributes: WK Quantitative Reasoning **Prerequisites:** MAT 0145: C- or better OR Math Placement Level: B or better **Fees:** Mathematics Technology Fee

MAT 1521: INTRODUCTION TO CONTEMPORARY MATHEMATICS (5) Offerings

Explores topics that illustrate how mathematical methods and models permeate our economic, political, and personal lives. By investigation of diverse applications, a variety of problem-solving techniques will be introduced, including using the computer as a tool.

Attributes: WK Quantitative Reasoning **Prerequisites:** Math Placement Level: A or better OR MAT 0144: C- or better OR Math Placement Level: B or better OR MAT 0145: C- or better

MAT 1560: NUMERICAL REASONING (4) Offerings

The first in a three-course sequence, this course is a study of numerical reasoning through in-depth explorations of numeration systems, numerical properties and operations, concepts in number theory, and related topics in the history of mathematics. There is an emphasis on problem solving, standards of mathematical practice, and use of appropriate technologies such as calculators and interactive software. The content preparation for teaching K-8 mathematics based on the Common Core State Standards is stressed.

Restrictions: Freshman students are excluded. **Prerequisites:** Math Placement Level: A or better OR MAT 0144: C- or better OR Math Placement Level: B or better OR MAT 0145: C- or better

MAT 1720: MATHEMATICS FOR COMPUTER SCIENCE (5) Offerings

Explores set theory, number systems, logic, proof techniques, basics of counting, discrete probability, networks, digital logic, and digital systems.

Prerequisites: MAT 1010: D or better OR MAT 1110: D or better OR Calculus Test Part 1: 08 or better OR Calculus Test Total: 13 or better

MAT 2200: ENGINEERING PROBABILITY AND STATISTICS (3) Offerings

Introduces students to concepts of probability and statistics along with methodology for applying these to engineering applications.

Equivalents: EGR 2200 **Prerequisites:** MAT 1235: D or better **Fees:** Mathematics Technology Fee

MAT 2360: INTRODUCTION TO STATISTICS FOR THE SCIENCES (5) [Offerings](#)

Introduction to the practice of statistics with applications to the sciences. Topics include graphical and numerical summaries of data, probability, estimation, hypothesis testing, linear regression, and one-way analysis of variance. Emphasis on applications, statistical reasoning, and data analysis using statistical software.

Attributes: WK Quantitative Reasoning **Restrictions:** Applied Human Biology, Applied Mathematics, Biochemistry, Biology, Cellular and Molecular Biology, Chemistry, Computer Science, Ecology, Exercise Science, Food and Nutritional Sciences, Health and Fitness Education, Information Systems, Integrated Studies, Life Science, Mathematics, Nursing, Nursing-INT, Nutrition and Dietetics, Nutrition and Dietetics-INT, Physical Education, Physiology Majors only. **Prerequisites:** Math Placement Level: B or better OR MAT 0145: C- or better

MAT 2401: LINEAR ALGEBRA (3) [Offerings](#)

Studies vector spaces, matrices, and linear transformations.

Prerequisites: MAT 1235: D or better **Fees:** Mathematics Technology Fee

MAT 2561: STATISTICAL AND ALGEBRAIC REASONING (4) [Offerings](#)

The second in a three-course sequence, this course is a study of both algebraic and statistical reasoning through in-depth explorations of data, patterns, and related topics in the history of mathematics. There is an emphasis on problem solving, standards of mathematical practice, and use of appropriate technologies such as calculators and interactive software. The content preparation for teaching K-8 mathematics based on the Common Core State Standards is stressed.

Attributes: WK Quantitative Reasoning **Prerequisites:** MAT 1560: D or better

MAT 2700: STATISTICS FOR BUSINESS AND ECONOMICS (5) [Offerings](#)

An introduction to descriptive and inferential statistics with emphasis on problems from business and economics. Topics include graphical representation of data, probability, discrete and continuous distributions, Central Limit Theorem, confidence intervals, hypothesis testing, one-way ANOVA, correlation and linear regression. Spreadsheet software is used for data management, analysis, and reporting. The MAT section of this course does not fulfill the School of Business and Economics spreadsheets competency.

Equivalents: BUS 2700 **Attributes:** WK Quantitative Reasoning **Prerequisites:** (Math Placement Level: B or better OR MAT 0145: C- or better) AND (CSC 1123: D or better OR BUS 1700: D or better OR Spreadsheets Competency (SBGE): P or better)

MAT 2720: DISCRETE MATHEMATICS (3) [Offerings](#)

Studies sets, logic, Boolean algebra, relations, functions, and graphs.

Prerequisites: MAT 1235: D or better

MAT 3100: INTRODUCTION TO PROOF (1) [Offerings](#)

An introduction to the understanding and creation of mathematical proofs in an elementary setting. Topics may include elementary set theory functions and operations, mathematical induction. Credit cannot be received for this course if MAT 3749 has been taken.

Attributes: Upper-Division **Prerequisites:** MAT 1235: D or better OR MAT 2401: D or better

MAT 3237: DIFFERENTIAL EQUATIONS (3) [Offerings](#)

Studies general solutions of first and second order differential equations, Laplace transforms, and series solutions.

Attributes: Upper-Division **Prerequisites:** MAT 1236: C- or better **Fees:** Mathematics Technology Fee

MAT 3238: VECTOR CALCULUS (3) [Offerings](#)

Additional study of multivariable and vector calculus, including vector-valued functions, vector fields, line integrals, surface integrals, Green's Theorem, Stoke's Theorem, and the Divergence Theorem.

Attributes: Upper-Division **Prerequisites:** MAT 1236: C- or better **Fees:** Mathematics Technology Fee

MAT 3333: STATISTICAL MODELING (3) [Offerings](#)

A second course in applied statistics. This course builds on an introductory statistics course, providing students tools to perform more complex data analysis. Topics include linear and nonlinear regression, multiple regression, and analysis of variance. Statistical software will be used extensively. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** MAT 2200: D or better OR EGR 2200: D or better OR MAT 2360: D or better OR MAT 2700: D or better OR BUS 2700: D or better OR MAT 3360: D or better

MAT 3360: PROBABILITY AND STATISTICS (5) [Offerings](#)

Calculus based introduction to probability and statistics. Studies elementary probability, discrete and continuous probability distributions, expectation, moments, sampling distributions, central limit theorem, estimation, and hypothesis testing.

Attributes: Upper-Division **Prerequisites:** MAT 1236: D or better AND MAT 2360: D or better **Fees:** Mathematics Technology Fee

MAT 3380: INTRODUCTION TO DATA SCIENCE (5) [Offerings](#)

An introduction to data science using R. This course provides an overview of concepts, skills, and technologies used for working with large, complex, and messy datasets. Provides an introduction to the full data workflow, from data acquisition and cleaning to exploration, analysis, visualization, and communication of final results. Explores ethical and social considerations inherent in working with "big data", including privacy, design, reproducibility, and bias. Using real-world datasets, students will explore, visualize, and pose questions about data.

Attributes: Upper-Division **Prerequisites:** MAT 2360: D or better OR PSY 2360: D or better OR SOC 2360: D or better OR CRIM 2360: D or better OR BUS 2700: D or better OR MAT 2700: D or better OR MAT 2200: D or better OR EGR 2200: D or better

MAT 3401: NUMBER THEORY (3) [Offerings](#)

Studies topics of classical number theory including divisibility, primes and congruences. Typically offered: Autumn, Alternate Years.

Attributes: Upper-Division **Prerequisites:** MAT 2720: D or better OR MAT 3100 can be taken concurrently: D or better

MAT 3442: GEOMETRY (4) [Offerings](#)

Development of Euclidean geometry and consideration of axiomatic systems, transformations and non-Euclidean geometries. Exploration using technology and models. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** MAT 3749: D or better OR (MAT 3562: D or better AND MAT 3100: D or better)

MAT 3562: GEOMETRIC REASONING (4) [Offerings](#)

The third in a three-course sequence, this course is a study of geometric reasoning with emphasis on depth of understanding and

appropriate use of calculators and computer software. Investigations of mathematical topics include two- and three-dimensional geometry, measurement, proof appropriate for K-8 teachers, and associated history of mathematics. Common Core State Standards-based content preparation for teaching K-8 mathematics.

Attributes: Upper-Division **Prerequisites:** MAT 2561: D or better

MAT 3724: APPLIED ANALYSIS (3) Offerings

Studies Fourier series, heat, wave, and Laplace's equations, separation of variables, and boundary value problems. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** MAT 3237: D or better AND MAT 3238: D or better

MAT 3730: COMPLEX VARIABLES (3) Offerings

Studies theory and applications of complex variables; analytic functions, integrals, and power series applications. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** MAT 3238: D or better

MAT 3749: INTRODUCTION TO ANALYSIS (5) Offerings

Uses the axiomatic method to prove basic results from set theory and real analysis. Topics include functions, set cardinality, the real number system, and the topology of the real line.

Attributes: Upper-Division **Prerequisites:** MAT 1236: D or better AND (MAT 2720: D or better OR MAT 3100 can be taken concurrently: D or better)

MAT 3751: REAL ANALYSIS II (3) Offerings

Builds on the topics introduced in MAT 3749, including explorations of differentiation and integration. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** MAT 3749: C- or better

MAT 3899: MATHEMATICAL WRITING (2) Offerings

Prerequisite: Six credits of Upper Division Mathematics or Instructor Permission. This junior course will explore various topics in mathematics, preparing students for work in their Senior Projects. Students will learn the practice of mathematical writing.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.

MAT 4363: MATHEMATICAL STATISTICS (3) Offerings

Studies in greater depth continuous and discrete probability distributions, moment generating functions, probability-generating functions, transformations, and multivariate probability distributions. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** MAT 3360: D or better

MAT 4402: MODERN ALGEBRA I (3) Offerings

Studies algebraic structures, including groups, rings, and fields.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** MAT 2401: D or better AND MAT 3749: C- or better

MAT 4403: MODERN ALGEBRA II (3) Offerings

Continuation of MAT 4402. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** MAT 4402: C- or better

MAT 4725: NUMERICAL ANALYSIS (5) Offerings

Studies numerical integration, differentiation, solutions of systems of equations, and related topics. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** MAT 2401: D or better AND MAT 3237: D or better **Fees:** Mathematics Technology Fee

MAT 4830: MATHEMATICAL MODELING (5) Offerings

Focuses on construction and analysis of mathematical models for problems in the real world. The problems will be chosen from a variety of fields, including the biological and social sciences. Typically offered: Alternate Years.

Attributes: Upper-Division **Prerequisites:** MAT 2401: D or better AND MAT 3237: D or better AND MAT 3360: D or better **Fees:** Mathematics Technology Fee

MAT 4899: SENIOR CAPSTONE SEMINAR (3) Offerings

This senior capstone course will explore the culture of mathematics through readings and classroom discussions during the Autumn Quarter. Students will synthesize mathematical ideas within the context of a Christian worldview. The student will write a significant paper and make an oral presentation within the following two quarters.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Junior, Sophomore students are excluded. **Prerequisites:** MAT 3899: D or better

MAT 4904: INDEPENDENT STUDY IN MATHEMATICS (1-5) Offerings

Prerequisites: 6 credits in upper-division mathematics. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

MAT 4910: MATHEMATICS SEMINAR (1-5) Offerings

Investigates topics of current interest through student reports. May be repeated for credit 5 times.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

MAT 4930: PRACTICUM IN MATHEMATICS (1-5) Offerings

Practical experience in a supervised educational setting. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

MAT 4940: INTERNSHIP IN MATHEMATICS (1-5) Offerings

Provides a significant learning experience to be obtained in a closely supervised work-study program. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Junior, Sophomore students are excluded

Attributes: Upper-Division **Restrictions:** Freshman, Junior, Sophomore students are excluded.

MAT 4950: SPECIAL TOPICS IN MATHEMATICS (1-5) Offerings

Special Topics May be repeated for credit up to 6 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

MAT 4960: UG MATHEMATICS RESEARCH (1-3) Offerings

The student will conduct research under the supervision of a mathematics faculty member. A final written report is required. May be repeated for credit up to 9 credits.

Attributes: Upper-Division

Linguistics

[LIN 2100](#) | [LIN 3700](#) | [LIN 4145](#) | [LIN 4150](#) | [LIN 4200](#) | [LIN 4250](#) | [LIN 4365](#) | [LIN 4410](#) | [LIN 4430](#) | [LIN 4601](#) | [LIN 4899](#) | [LIN 4900](#) | [LIN 4920](#) | [LIN 4930](#) | [LIN 4940](#) | [LIN 4950](#) | [LIN 4952](#)

LIN 2100: FOUNDATIONS OF LANGUAGE STUDY (5) [Offerings](#)

Develops conceptual tools for understanding the nature and the processes of language: phonology, morphology, syntax, semantics and pragmatics. Personal and professional attitudes toward the world of language are reexamined.

Attributes: WK Humanities

LIN 3700: PHILOSOPHY OF LANGUAGE (3) [Offerings](#)

We typically communicate by using language, where communicating involves conveying meaning. But what is meaning? And what is a language? Philosophy of language examines these and related issues, such as: in virtue of what do words, or names, refer to objects or to persons? How do we mean more than what we literally say? Related topics include theories of meaning and reference, the distinction between semantics and pragmatics, and the variety of speech acts. May also cover recent work on metaphor and non-literal speech, pejoratives, or the language and power of propagandistic speech.

Equivalents: PHI 3700 **Attributes:** Upper-Division **Prerequisites:** PHI 1001: D or better OR PHI 1002: D or better OR PHI 1004: D or better OR LIN 2100: D or better OR UCOR 3000: D or better

LIN 4145: PHONOLOGY (5) [Offerings](#)

A thorough study of sound systems and processes, with problem-solving experience in the analysis of English and other languages.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** LIN 2100: D or better

LIN 4150: MORPHOLOGY (5) [Offerings](#)

A thorough study of word structures and processes, with problem-solving experience in the analysis of English and other languages.

Attributes: Upper-Division **Prerequisites:** LIN 2100: D or better

LIN 4200: SECOND LANGUAGE ACQUISITION (5) [Offerings](#)

Presents an intensive study of the research literature so that students will become familiar with recent findings on the acquisition of a second language and with the research process.

Equivalents: LIN 6200 **Attributes:** Upper-Division **Prerequisites:** LIN 2100: D or better

LIN 4250: RESEARCH METHODS (5) [Offerings](#)

Teaches research methods in applied linguistics, emphasizing the concepts and procedures of quantitative and qualitative. Covers descriptive statistics, issues of validity and reliability, data collection and analysis, and research designs. Prepares students to critically evaluate research articles and to develop an original research proposal.

Equivalents: LIN 6250 **Attributes:** Upper-Division **Restrictions:** Doctoral, Graduate are excluded. **Prerequisites:** LIN 2100: D or better AND (LIN 4200: D or better OR LIN 6200: D or better)

LIN 4365: METHODS OF FOREIGN LANGUAGE TEACHING (5) [Offerings](#)

An overview of the theoretical paradigms of second language learning and teaching; definition and evaluation of communicative competence; strategies for teaching skills of listening, speaking, reading, and writing; selection and development of instructional materials.

Attributes: Upper-Division **Prerequisites:** LIN 2100: D or better

LIN 4410: SYNTAX (5) Offerings

Provides an intensive investigation into contemporary English sentence structures through the application of current syntactic theory. Basic rule making and rule testing are examined in English.

Attributes: Upper-Division **Prerequisites:** LIN 2100: D or better

LIN 4430: SOCIOLINGUISTICS (5) Offerings

Looks more closely at how language is influenced by context, including social, cultural, psychological, geographical, and political factors. This interdisciplinary course draws from sociology, anthropology, and linguistics.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** LIN 2100: D or better

LIN 4601: HISTORY OF THE ENGLISH LANGUAGE (3) Offerings

Examines Anglo-Saxon, Middle, and modern forms of English in historical development and individual language systems. Includes phonology, morphology, syntax, and some discussion of the relationships of each language stage to literary expression during its era. Typically offered: Alternate Years.

Equivalents: ENG 4601 **Attributes:** Upper-Division

LIN 4899: LINGUISTICS CAPSTONE SEMINAR (3) Offerings

Encourages recollection and reflection on previous coursework in linguistics, language and cultural studies, integration of knowledge with the student's own faith commitment, and further pursuit of an area of scholarly interest to the student, culminating in the senior paper.

Attributes: Upper-Division, Writing "W" Course

LIN 4900: INDEPENDENT STUDY (1-5) Offerings

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

LIN 4920: DIRECTED READINGS (1-10) Offerings

Directed Readings May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

LIN 4930: TUTORIAL PRACTICUM (1-5) Offerings

Tutorial Practicum May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

LIN 4940: INTERNSHIP (1-5) Offerings

Provides opportunity for practical application of linguistics. May be repeated for credit up to 5 credits.

Attributes: Upper-Division

LIN 4950: SPECIAL TOPICS IN LINGUISTICS (1-5) Offerings

Selected topics in Linguistics. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

LIN 4952: SPECIAL TOPICS IN LINGUISTICS (1-5) Offerings

Selected Topics in Linguistics. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

Nursing

[NUR 1000](#) | [NUR 2000](#) | [NUR 2002](#) | [NUR 3001](#) | [NUR 3110](#) | [NUR 3111](#) | [NUR 3112](#) | [NUR 3113](#) | [NUR 3114](#) | [NUR 3116](#) | [NUR 3120](#) | [NUR 3121](#) | [NUR 3122](#) | [NUR 3130](#) | [NUR 3131](#) | [NUR 3132](#) | [NUR 3161](#) | [NUR 3171](#) | [NUR 3175](#) | [NUR 3952](#) | [NUR 3953](#) | [NUR 3953L](#) | [NUR 3954](#) | [NUR 3955](#) | [NUR 3956](#) | [NUR 3957](#) | [NUR 3958](#) | [NUR 4000](#) | [NUR 4002](#) | [NUR 4005](#) | [NUR 4007](#) | [NUR 4010](#) | [NUR 4012](#) | [NUR 4015](#) | [NUR 4017](#) | [NUR 4140](#) | [NUR 4141](#) | [NUR 4142](#) | [NUR 4150](#) | [NUR 4151](#) | [NUR 4152](#) | [NUR 4153](#) | [NUR 4162](#) | [NUR 4391](#) | [NUR 4710](#) | [NUR 4848](#) | [NUR 4859](#) | [NUR 4896](#) | [NUR 4897](#) | [NUR 4899](#) | [NUR 4900](#) | [NUR 4938](#) | [NUR 4950](#) | [NUR 4971](#)

NUR 1000: INTRODUCTION TO NURSING (1) Offerings

This introductory course gives an overview of nursing as a career choice, as well as how to prepare for entrance into the field. Emphasis will be placed on the educational requirements, advanced practice roles, as well as the array of options for clinical practice as an RN. Registered nurses from the community will come to the seminar to discuss their practice.

NUR 2000: NURSING FUNDAMENTALS (1) Offerings

This introductory course covers the basic skills necessary to deliver nursing care. It will provide a foundation for the practice of nursing including the nursing process.

NUR 2002: READINESS FOR RE-ENROLLMENT (1-5) Offerings

This course is designed to prepare students to re-enroll in the nursing program one quarter before they re-enroll. The terms of the learning agreement are to be specified by the Academic and Student Affairs Committee. May be repeated for credit up to 5 credits.

NUR 3001: SUCCESS IN NURSING SCHOOL (1-6) Offerings

This course is designed to promote the academic success of nursing students through the utilization of learning strategies and collaborative support. Individual and group partnerships are created between students, faculty and other University resources that assist the student with reading, writing, thinking, and research skills in nursing. May be repeated for credit up to 6 credits.

Attributes: Upper-Division **Restrictions:** Nursing Majors only.

NUR 3110: HEALTH AND ILLNESS 1: THEORY (3) Offerings

This course introduces students to the categories of Person-Biophysical and Person-Psychosocial concepts of health and illness. Students will examine foundational biophysical and psychosocial concepts of health and illness across the lifespan, while exploring the nurse's role in caring for individuals with selected illness conditions. Specific concepts introduced include Mobility, Tissue Integrity, Comfort, and Spirituality.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded.

NUR 3111: HEALTH AND ILLNESS 1: PRACTICUM (2) Offerings

This course provides introductory experiences in the application of foundational Person-Biophysical and Person-Psychosocial concepts of health and illness to meet basic needs of individuals across the lifespan. Emphasis will be on the development of practical skills, including assessment of basic needs, nursing care to meet basic needs, and safe practice for medication administration. Students will demonstrate foundational elements of the nurse's role and the nursing process in the provision of nursing care in a variety of on-site and off-site settings. Extra Fee.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. **Fees:** Nursing Fee Skills Lab Fee Clinical Placement Fee In-to-Date program for nurses SHS Clinical Doc Mgmt Fee

NUR 3112: PROFESSIONAL NURSING 1 (3) Offerings

This course provides an overview of the profession of nursing and introduces students to the categories of Nursing and Healthcare concepts. Students will examine foundational Nursing and Healthcare concepts, which will include content related to the nature and scope of nursing practice; domains of practice; and the evolution, opportunities, and context for nursing practice. This course also introduces the SHS Core Values that will be expanded on and threaded through all of the Professional Nursing courses. Specific concepts introduced include Professional Identity, Communication, Clinical Judgment, and Safety.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded.

NUR 3113: HEALTH ASSESSMENT (2) Offerings

In this course, students will learn foundational skills necessary for accurate and comprehensive health assessment across the lifespan. Students will learn how to integrate client needs, preferences, development, and culture into assessment techniques and documentation. Students will also learn to interpret and document examination findings using appropriate terminology and technological tools. Extra Fee.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded.

NUR 3114: PATHOPHYSIOLOGY (3) Offerings

Building on an understanding of human anatomy and physiology, students will examine alterations in structure and function of the human body across the lifespan. Principles of pathophysiology will be examined using selected commonly occurring acute and chronic illnesses as exemplars. Course content will emphasize principles of genetics, environment, cellular adaptation, inflammation, and immunity. This course is also designed to enhance the student's comprehension of the physiologic and pathophysiologic basis for pharmacologic therapy.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded.

NUR 3116: PHARMACOLOGY (3) Offerings

This course introduces principles of pharmacology as a basis for safe and effective pharmacological and parenteral therapies across the lifespan. Course content will include the major classifications of drugs, principles of pharmacokinetics and pharmacodynamics, review of pertinent data prior to medication administration, and expected and potential adverse client response to medication. Course content will emphasize nursing considerations for medication therapy, including principles of safe medication administration.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded.

NUR 3120: HEALTH AND ILLNESS 2: THEORY (5) Offerings

This course introduces new concepts and elaborates on previously examined concepts in the Person-Biophysical and Person-Psychosocial categories. Students will examine the role of the nurse as it applies to the care of individuals with chronic health and illness conditions across the lifespan. Specific concepts introduced include Gas Exchange, Perfusion, and Mood & Affect.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. **Prerequisites:** NUR 3110: C or better

NUR 3121: HEALTH AND ILLNESS 2: PRACTICUM (4) Offerings

This course provides experiences in the application of Person-Biophysical and Person-Psychosocial concepts of health and illness to meet the needs of individuals with chronic health conditions across the lifespan. Emphasis will be on the development of practical skills, including assessment of biophysical and psychosocial needs, nursing care to meet identified needs, and safe practice for medication administration. Building on skills learned in prior quarters, students will continue to demonstrate foundational skills within the role of nursing student, for the provision of nursing care in a variety of on-site and off-site settings.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. **Prerequisites:** NUR 3111: C or better **Fees:** Nursing Fee, Skills Lab Fee

NUR 3122: PROFESSIONAL NURSING 2 (3) Offerings

This course provides an in-depth analysis of the Healthcare concept of Evidence-Based Practice as it applies to the profession of nursing. Students will examine the theoretical foundation for integrating clinical expertise, client values and preferences, and best research evidence to facilitate decision-making toward quality outcomes. Students will relate the SHS Core Values to the concept of Evidence-Based Practice.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. **Prerequisites:** NUR 3112: C or better

NUR 3130: HEALTH AND ILLNESS 3: THEORY (5) Offerings

This course introduces new concepts and elaborates on previously examined concepts in the Person-Biophysical and Person-Psychosocial categories. Course content will include the nursing process as it applies to reproductive health, and to community and public health. In conjunction with Professional Nursing 3, students will explore the role of the nurse in regard to health promotion and maintenance, particularly within families and communities. Specific concepts introduced include Environment, Culture & Diversity, and Reproduction.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. **Prerequisites:** NUR 3120: C or better

NUR 3131: HEALTH AND ILLNESS 3: PRACTICUM (4) Offerings

This course provides experiences in the application of Person-Biophysical and Person-Psychosocial concepts of health and illness to meet the needs of individuals and communities across the lifespan. Emphasis will be on the development of practical skills, including assessment of biophysical and psychosocial needs, community assessment and screening, nursing interventions to meet identified needs, and safe practice for medication administration. Students will explore the role of the nurse in population-focused care. Students will demonstrate advanced beginner skills within the role of nursing student, for the provision of nursing care in a variety of off-site settings.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. **Prerequisites:** NUR 3121: C or better **Fees:** Nursing Fee, Skills Lab Fee

NUR 3132: PROFESSIONAL NURSING 3 (3) Offerings

This course introduces new concepts and elaborates on previously examined concepts in the Nursing and Healthcare categories, with particular emphasis on the concepts of health promotion and health policy. Students will explore elements that influence health behavior change including lifestyle choices and risk factors, literacy, cultural and environmental factors, and patterns and histories of inequity. Students will examine the relationship between health policy, health promotion, and disease prevention. Course content will focus on individuals as they are situated within and influenced by communities. Students will relate the SHS Core Values to the concept of health promotion. Specific concepts introduced include Education, Collaboration, and Health policy.

Attributes: Cultural Understand&Engagement, Upper-Division, Writing "W" Course **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. **Prerequisites:** NUR 3122: C or better

NUR 3161: PROFESSIONAL NURSING I (3) Offerings

Introduces the foundational principles of the nursing roles as it applies to care across the lifespan.

Attributes: Upper-Division

NUR 3171: PROFESSIONAL NURSING II (2) Offerings

Explores professional nursing and community health concepts to optimize patient and family outcomes.

Attributes: Upper-Division **Restrictions:** Nursing Majors only.

NUR 3175: PHARMACOLOGY (4) [Offerings](#)

Introduces concepts of pharmacology and nursing considerations for safe drug therapy across the lifespan.

Attributes: Upper-Division **Restrictions:** Nursing Majors only.

NUR 3952: BASIC NURSING THEORY (6) [Offerings](#)

An introduction to nursing, covering basic nursing science concepts and an introduction to nursing assessment. The nursing assessment focus is on data collection and nursing diagnosis. Emphasis is with adults in long-term and community setting. Extra fee (non-refundable). Theory and practicum courses are co-requisites; the minimum grade must be achieved in both courses. If the minimum grade in either course is not achieved, the student must repeat both courses.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. **Fees:** Comprehensive Nursing Test Fee

NUR 3953: BASIC NURSING PRACTICUM (5) [Offerings](#)

Provides experiences in application of the nursing process. Primary and secondary levels of care introduced in a long-term care and community-based setting. Theory and practicum courses are co-requisites; the minimum grade must be achieved in both courses. If the minimum grade in either course is not achieved, the student must repeat both courses.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. **Fees:** Nursing Fee, Skills Lab Fee

NUR 3953L: BASIC NURSING PRACTICUM LAB (0) [Offerings](#)

Lab Component of NUR 3953.

NUR 3954: NURSING OF ADULTS I - THEORY (6) [Offerings](#)

Concepts of health promotion, health protection, prevention, and managing human responses to physical and mental illness are explored. Pathophysiology, pharmacology, spirituality, and human-diversity issues are integrated. The nursing process is utilized with adults in the context of the family and community-based settings. Theory and practicum courses are co-requisites; the minimum grade must be achieved in both courses. If the minimum grade in either course is not achieved, the student must repeat both courses.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. **Prerequisites:** NUR 3952: D or better AND NUR 3953: D or better

NUR 3955: NURSING OF ADULTS I - PRACTICUM (5) [Offerings](#)

Provides experience in application of the nursing process, with adults and their families in acute-care settings and in community-based settings. Theory and practicum courses are co-requisites; the minimum grade must be achieved in both courses. If the minimum grade in either course is not achieved, the student must repeat both courses.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. **Fees:** Nursing Fee, Skills Lab Fee

NUR 3956: NURSING OF ADULTS II - THEORY (6) [Offerings](#)

Builds on Nursing of Adults I. Applies nursing process to more complex human responses in health and illness with adults. Emphasis continues to pathophysiology, pharmacology, physical and mental health, and illness issues of the individual in family and community-based settings. Theory and practicum courses are co-requisites; the minimum grade must be achieved in both courses. If the minimum grade in either course is not achieved, the student must repeat both courses.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. **Prerequisites:** NUR 3954: C or better AND NUR 3955: C or better

NUR 3957: NURSING OF ADULTS II - PRACTICUM (5) Offerings

Provides experience in application of the nursing process with more complex human responses in health and illness contexts for application, including work with adults in selected acute-care and community-based settings. Theory and practicum courses are co-requisites; the minimum grade must be achieved in both courses. If the minimum grade in either course is not achieved, the student must repeat both courses.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. **Fees:** Nursing Fee, Skills Lab Fee

NUR 3958: HEALTH PROMOTION, ASSESSMENT & CLINICAL PREVENTION (5) Offerings

Individual health assessment, evidence based practice and current issues in health promotion across the lifespan. Focus on social determinants of health for individuals and populations. Topics include: epidemiology, health equity, theoretical foundations for disease prevention, evidence based programs, and population based health strategies.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Nursing Majors only. **Prerequisites:** NUR 3954: C or better

NUR 4000: CHILD-BEARING FAMILY HEALTH NURSING THEORY (3) Offerings

Applies the nursing process to the nursing care of the child-bearing family. Integrates concepts of health promotion, growth, and development, cultural diversity, spirituality, pharmacology, physiology, and pathophysiology. Theory and practicum courses are co-requisites; the minimum grade must be achieved in both courses. If the minimum grade in either course is not achieved, the student must repeat both courses.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Post-Baccalaureate, Senior students only. **Prerequisites:** NUR 3956: C or better AND NUR 3957: C or better

NUR 4002: PSYCHIATRIC-MENTAL HEALTH NURSING THEORY (3) Offerings

Applies the nursing process to the nursing care of clients with psychiatric disorders, chronic and persistent mental illness, and mental health issues for individuals and families across the lifespan. Integrates concepts of growth and development, cultural diversity, spirituality, pharmacology, physiology, and pathophysiology. Theory and practicum courses are co-requisites; the minimum grade must be achieved in both courses. If the minimum grade in either course is not achieved, the student must repeat both courses.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Post-Baccalaureate, Senior students only. **Prerequisites:** NUR 3956: C or better AND NUR 3957: C or better

NUR 4005: CHILD BEARING AND FAMILY HEALTH NURSING PRACTICUM (2) Offerings

Applies the nursing process to the nursing care of the child-bearing family. Provides students with opportunities to care for families during labor, delivery, and post-partum. Theory and practicum courses are co-requisites; the minimum grade must be achieved in both courses. If the minimum grade in either course is not achieved, the student must repeat both courses.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Health Sciences only. Post-Baccalaureate, Senior students only. **Prerequisites:** NUR 3956: C or better AND NUR 3957: C or better **Fees:** Nursing Fee, Skills Lab Fee, Clinical Placement Fee, Up-to-Date program for nurses

NUR 4007: PSYCHIATRIC MENTAL HEALTH NURSING PRACTICUM (2) Offerings

Applies the nursing process to the care of individuals and families who are dealing with acute and chronic mental illness. Theory and practicum courses are co-requisites; the minimum grade must be achieved in both courses. If the minimum grade in either course is

not achieved, the student must repeat both courses.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Health Sciences only. Post-Baccalaureate, Senior students only. **Prerequisites:** NUR 3956: C or better AND NUR 3957: C or better **Fees:** Nursing Fee, Skills Lab Fee

NUR 4010: CHILD-REARING FAMILY HEALTH NURSING THEORY (3) Offerings

Applies the nursing process to the nursing care of the child-rearing family, with an integration of concepts of health promotion, growth, and development, cultural diversity, spirituality, pharmacology, and the pathophysiology of disease in acute and chronic illnesses. Theory and practicum courses are co-requisites; the minimum grade must be achieved in both courses. If the minimum grade in either course is not achieved, the student must repeat both courses.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Post-Baccalaureate, Senior students only. **Prerequisites:** NUR 3956: C or better AND NUR 3957: C or better

NUR 4012: COMMUNITY AND FAMILY HEALTH NURSING THEORY (3) Offerings

Applies the nursing process to nursing's role in community-health assessment and diagnosis, program planning, implementation, and evaluation. Health policy issues will be explored related to health promotion and disease prevention. Family health is studied in the context of a diverse community. Theory and practicum courses are co-requisites; the minimum grade must be achieved in both courses. If the minimum grade in either course is not achieved, the student must repeat both courses.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Post-Baccalaureate, Senior students only. **Prerequisites:** NUR 3956: C or better AND NUR 3957: C or better

NUR 4015: CHILD REARING AND FAMILY HEALTH NURSING PRACTICUM (2) Offerings

Applies the nursing process to the nursing care of the child-rearing family, providing students with opportunities to care for hospitalized children and their families. Theory and practicum courses are co-requisites; the minimum grade must be achieved in both courses. If the minimum grade in either course is not achieved, the student must repeat both courses.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Health Sciences only. Post-Baccalaureate, Senior students only. **Prerequisites:** NUR 3956: C or better AND NUR 3957: C or better **Fees:** Nursing Fee

NUR 4017: COMMUNITY AND FAMILY HEALTH NURSING PRACTICUM (2-3) Offerings

Applies the nursing process to the nursing care of families across the lifespan in a variety of community settings and allows students to develop community-care skills through participation in community-health programs and by exploring health-policy issues. Theory and practicum courses are co-requisites; the minimum grade must be achieved in both courses. If the minimum grade in either course is not achieved, the student must repeat both courses.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Health Sciences only. Post-Baccalaureate, Senior students only. **Prerequisites:** NUR 3956: C or better AND NUR 3957: C or better **Fees:** Nursing Fee

NUR 4140: HEALTH AND ILLNESS 4: THEORY (5) Offerings

This course elaborates on previously examined concepts in the Person-Biophysical and Person-Psychosocial categories. Course content will include the nursing process as it applies to acute health and illness conditions in individuals across the lifespan. Specific concepts elaborated on include Fluid & Electrolyte Balance, Perfusion, and Perioperative care.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. **Prerequisites:** NUR 3130: C or better

NUR 4141: HEALTH AND ILLNESS 4: PRACTICUM (6) Offerings

This course provides experiences in the application of Person-Biophysical and Person-Psychosocial concepts of health and illness to

meet the needs of individuals experiencing acute health and illness conditions. Emphasis will be on the continuing development of practical and psychomotor skills, application of the nursing process, interprofessional communication and collaboration, and safe practice for medication administration. Students will demonstrate competence within the role of nursing student, for provision of nursing care in a variety of off-site settings.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. **Prerequisites:** NUR 3131: C or better **Fees:** Nursing Fee, Skills Lab Fee, Clinical Placement Fee

NUR 4142: PROFESSIONAL NURSING 4 (3) Offerings

This course introduces new concepts and elaborates on previously examined concepts in the Nursing and Healthcare categories, with particular emphasis on the nurse as leader. Course content will include leadership styles, conflict management, delegation, and principles of project management. Students will analyze the role of the nurse in providing and coordinating health care within and across care settings as an integral member of the interprofessional care team. Students will examine the influence of SHS Core Values on leadership effectiveness and health care team function. Specific concepts that will be introduced include Care Management, Leadership, and Healthcare Organizations.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. **Prerequisites:** NUR 3132: C or better

NUR 4150: HEALTH AND ILLNESS 5: THEORY (4) Offerings

This course elaborates on previously examined concepts in the Person-Biophysical and Person-Psychosocial categories. Course content will include the nursing process as it applies to complex, multisystem health conditions, including psychiatric mental health conditions, in individuals across the lifespan. Specific concepts elaborated on include Behaviors, Cognition, and Metabolism.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. **Prerequisites:** NUR 4140: C or better

NUR 4151: HEALTH AND ILLNESS 5: PRACTICUM (3) Offerings

This course provides experiences in the application of Person-Biophysical and Person-Psychosocial concepts of health and illness to meet the needs of individuals experiencing to complex, multisystem health conditions, including psychiatric mental health conditions. Emphasis will be on the continuing development of practical and psychomotor skills, application of the nursing process, interprofessional communication and collaboration, and safe practice for medication administration. Students will demonstrate proficiency within the role of nursing student, for provision of nursing care in a variety of off-site settings.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. **Prerequisites:** NUR 4141: C or better **Fees:** Nursing Fee, Skills Lab Fee

NUR 4152: PROFESSIONAL NURSING 5 (3) Offerings

This course introduces new concepts and elaborates on previously examined concepts in the Nursing and Healthcare categories, with particular emphasis on the delivery of health care services. Course content will include health care financing, and quality improvement strategies and indicators. Students will analyze the role of the nurse in providing and directing nursing care, paying particular attention to the business aspect of health care. Students will examine the alignment of the SHS Core Values with the explicit and implicit values of healthcare organizations and entities. Specific concepts introduced include Healthcare Economics and Quality Improvement.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. **Prerequisites:** NUR 4142: C or better

NUR 4153: NURSING LEADERSHIP IN COMMUNITY ENGAGEMENT (2) Offerings

This course provides practical application of principles of leadership, management of care, health promotion, and quality improvement through involvement in a community and/or public health project. Students work in partnership with a community agency to identify an issue of concern related to a specific population served by that agency and to develop an evidence-based approach to address the issue. Key concepts integrated into the project will include sustainability, cultural sensitivity,

interprofessional care, and ethical practice. A written component of this project will be developed in Professional Nursing 5. Extra Fee.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. **Prerequisites:** NUR 4142: C or better **Fees:** Nursing Fee

NUR 4162: NCLEX PREPARATION COURSE (2) Offerings

This course is designed to prepare students to take the NCLEX-RN exam upon successful completion of the nursing curriculum. Students will review the process for exam registration and scheduling, explore the exam blueprint, review relevant content, create a study plan, and practice test taking strategies.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. Freshman, Sophomore students are excluded.

NUR 4391: APPLIED CONCEPTS OF PATHOPHYSIOLOGY (3) Offerings

In depth study of pathologic changes occurring in selective disease and wellness states. Problem solving, clinical judgement, and critical thinking skills will be used to identify patient history, abnormal laboratory work, clinical manifestations, risk factors, and disease management.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Post-Baccalaureate, Senior students only. **Prerequisites:** NUR 4000: C- or better AND NUR 4005: C- or better AND NUR 4010: C- or better AND NUR 4015: C- or better AND NUR 4971: C- or better

NUR 4710: CULTURE, DIVERSITY, AND NURSING PRACTICE (3) Offerings

Analyzes the impact of cultural, social, and global factors on the health of multicultural and diverse groups at the individual, family, and community levels. Students gain knowledge and skills to effectively respond to the healthcare needs of multicultural societies through non-discriminatory and culturally sensitive nursing care practice. May be repeated for credit 2 times.

Attributes: Cultural Understand&Engagement, Upper-Division **Restrictions:** Nursing Majors only.

NUR 4848: LEADERSHIP AND PROFESSIONAL ROLE DEVELOPMENT (3) Offerings

Theoretical investigation of leadership and organizational concepts and their application to the professional nursing role within the health care team and in the delivery of health care to individuals, groups, and selected populations.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Nursing Majors only. Post-Baccalaureate, Senior students only.

NUR 4859: PROFESSIONAL NURSING SYNTHESIS INTERNSHIP (6-8) Offerings

Focus is on synthesis of past educational experiences within a variety of acute-care and community settings. Interdisciplinary work, application of leadership skills, and working in partnerships with selected communities provide opportunities to demonstrate effective integration and synthesis of prior learning.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Post-Baccalaureate, Senior students only. **Fees:** Nursing Fee, Comprehensive Nursing Test Fee, Skills Lab Fee

NUR 4896: TRANSITION TO PRACTICE SYNTHESIS (5) Offerings

In this course, students will synthesize knowledge and experience gained in prior coursework to develop a grounded professional identity and to plan for transition to practice. Students will engage in complex decision-making in relation to ethical dilemmas, explore emerging trends in nursing science, and discuss professional development strategies and goals. This is a capstone course that integrates all prior coursework including core curriculum concepts, and courses from the first two years of study.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. **Prerequisites:** NUR 4152: D or better

NUR 4897: TRANSITION TO PRACTICE PRACTICUM (5) Offerings

This course provides a capstone experience in the synthesis, integration, and application of curricular concepts to professional nursing practice in order to ensure readiness to enter nursing practice. Emphasis will be on demonstrating independent and safe performance of practical and psychomotor skills, application of the nursing process, interprofessional communication and collaboration, leadership, and safe practice for medication administration. Students will demonstrate proficiency within the role of nursing student, for provision of nursing care in a variety of off-site settings.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Doctoral, Graduate are excluded. **Prerequisites:** NUR 4151: C or better **Fees:** Nursing Fee, Skills Lab Fee

NUR 4899: PROFESSIONAL NURSING SYNTHESIS THEORY (3) Offerings

Focus is on the future of health care and nursing and on continued professional development. This is a capstone course that integrates all prior coursework including core curriculum concepts, and courses from the first two years of study are expected.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Nursing Majors only. Post-Baccalaureate, Senior students only.

NUR 4900: INDEPENDENT STUDY (1-5) Offerings

Independent Study May be repeated for credit up to 10 credits.

Attributes: Upper-Division

NUR 4938: TRANSITION TO PRACTICE CLINICAL (6) Offerings

Provides experience in the synthesis, integration, and application of curricular concepts to Professional nursing practice to ensure readiness to enter practice.

Attributes: Upper-Division **Restrictions:** Nursing Majors only.

NUR 4950: SELECTED TOPICS (1-5) Offerings

Focuses on emerging and specialized topics in nursing. May be repeated for credit up to 10 credits.

Attributes: Upper-Division

NUR 4971: RESEARCH (3) Offerings

The examination of clinical practice for development of researchable problems. Gives opportunity for systematic investigation of a health-related topic of the student's choice.

Attributes: Upper-Division **Restrictions:** Nursing Majors only. Post-Baccalaureate, Senior students only.
Prerequisites: MAT 1300: D or better OR MAT 1360: D or better OR MAT 2360: D or better OR HSC 4044: D or better OR PSY 2360: D or better OR SOC 2360: D or better OR EDU 2600: D or better

History

[HIS 1357](#) | [HIS 1490](#) | [HIS 1734](#) | [HIS 2417](#) | [HIS 2418](#) | [HIS 2491](#) | [HIS 2492](#) | [HIS 2502](#) | [HIS 2503](#) | [HIS 2857](#) | [HIS 2870](#) | [HIS 2881](#) | [HIS 2950](#) | [HIS 3100](#) | [HIS 3170](#) | [HIS 3200](#) | [HIS 3320](#) | [HIS 3331](#) | [HIS 3345](#) | [HIS 3356](#) | [HIS 3357](#) | [HIS 3358](#) | [HIS 3366](#) | [HIS 3382](#) | [HIS 3387](#) | [HIS 3395](#) | [HIS 3401](#) | [HIS 3402](#) | [HIS 3403](#) | [HIS 3405](#) | [HIS 3406](#) | [HIS 3435](#) | [HIS 3440](#) | [HIS 3444](#) | [HIS 3445](#) | [HIS 3446](#) | [HIS 3448](#) | [HIS 3495](#) | [HIS 3496](#) | [HIS 3501](#) | [HIS 3565](#) | [HIS 3600](#) | [HIS 3670](#) | [HIS 3720](#) | [HIS 3725](#) | [HIS 3730](#) | [HIS 3750](#) | [HIS 3765](#) | [HIS 3767](#) | [HIS 3785](#) | [HIS 3786](#) | [HIS 3790](#) | [HIS 3813](#) | [HIS 3861](#) | [HIS 3871](#) | [HIS 3872](#) | [HIS 3950](#) | [HIS 4495](#) | [HIS 4525](#) | [HIS 4600](#) | [HIS 4765](#) | [HIS 4899](#) | [HIS 4900](#) | [HIS 4905](#) | [HIS 4920](#) | [HIS 4930](#) | [HIS 4940](#) | [HIS 4949](#) | [HIS 4950](#) | [HIS 4970](#)

HIS 1357: THE GAME OF LIFE: WORLD WAR II (5) Offerings

In this class, students design a game board of “Life” that covers World War II. Along with writing the history of World War II into the game board and drafting a pool of “Chance” cards that reflect everyday life, students create a person to live through the events and traverse the game board. Students compose a diary or autobiography of their person using primary and secondary sources to flesh out their story. Typically offered: Winter.

Attributes: WK Social Sciences

HIS 1490: LIFE AND DEATH IN WORLD CITIES (5) Offerings

Why do more people across the globe live in cities than not? What made this change possible? What makes the city so attractive to people around the world? Is the city a human “good”? To answer these questions, we explore the rise of the modern city from its inception with the Industrial Revolution through the current day. We consider how the city has offered opportunities: for those seeking a “better” life, for political figures using urban space to enhance their power, and for urban planners hoping to create a healthy environment for all residents. The latter part of our class is devoted to life and labor in megacities and slums and the dignity of the underclasses. Typically offered: Autumn.

Attributes: WK Social Sciences

HIS 1734: WAR ON TERROR: HISTORY OF OUR LIVES (5) Offerings

The US War on Terror began in 2001 and continues without a definitive ending in sight, meaning that students have lived most of their lives in a world shaped by the aftermath of 9/11. This class will cover the history and ethical implications of topics like the attacks of September 11th, the US wars in Iraq and Afghanistan, terrorism, and drones. Students will also consider the continuing impact of the War on Terror on everyday life in the US and globally. Students will learn the basic tools and methodologies of historical inquiry by studying the events of their own lifetimes, better understanding both themselves and the world they live in. Typically offered: Winter.

Attributes: WK Social Sciences

HIS 2417: RELIGIOUS TRADITIONS OF ASIA (5) Offerings

This course will investigate major religious traditions of Asia including Hinduism, Buddhism, Confucianism, Daoism and Shintoism from an historical and doctrinal standpoint. Students will be introduced to the major thinkers and philosophical/theological developments of each tradition. Primary texts will be used to introduce students to how the tradition defines and understands itself. Through specific course requirements including site visitations, students will gain exposure to the practices and doctrines of each faith studied while considering the cultural context and current trends of the tradition. Students will be asked to apply the practical knowledge gained during the course toward informed dialogue and sensitive but critical engagement with the non-Christian traditions studied.

Equivalents: ASIA 2417 **Attributes:** Cultural Understand&Engagement, WK Social Sciences

HIS 2418: MODERN EXPRESSIONS OF ASIAN RELIGIONS (5) [Offerings](#)

This course will investigate the various modern expressions of the religions of Asia including “new” religions of Japan such as the Soka Gakkai school, Tenrikyo and Aum Shinrikyo/Aleph; the Falun Dafa/Falun Gong movement out of China, and the uniquely Korean expression of Christianity. The course will be organized thematically around questions stemming from classic areas of religious concern in Asia including: mind-body concerns (Tendai Buddhist “Marathon Monks” of Mt. Hiei and the Shugendo tradition), messianic movements and healing (Chinese Falun Gong), shamanistic power (Korean Christianity and Japanese Tenrikyo), peace and prosperity (Soka Gakkai).

Equivalents: ASIA 2418 **Attributes:** Cultural Understand&Engagement, Ways of Engaging

HIS 2491: ORIGINS OF WESTERN SCIENCE (5) [Offerings](#)

Explores the unfolding of the Western scientific tradition and its cultural significance from ancient times to the era of the Scientific Revolution. Examines the development of physical science (especially astronomy and cosmology) within the context of traditions and sources from the ancient through early modern periods, culminating in the life and work of Isaac Newton.

Attributes: WK Social Sciences

HIS 2492: THE FOUNDING OF MODERN SCIENCE (5) [Offerings](#)

Analyzes the growth of science and technology in the West from the 17th through early 20th Centuries. Studies the concepts, methodology, and cultural implications of developments in the physical and biological sciences from the Scientific Revolution to the era of Einstein and relativity.

Attributes: WK Social Sciences

HIS 2502: THE UNITED STATES TO 1876 (5) [Offerings](#)

Surveys the development of the American nation from the earliest colonial settlements through the Reconstruction period. Emphasizes institutions, issues, ideas, and individuals. Focuses on basic trends such as industrialization, patterns of thought and values, political development, social change, and sectional conflict. Readings also explore everyday social experience of minority and mainstream groups.

Attributes: WK Social Sciences

HIS 2503: THE UNITED STATES SINCE 1876 (5) [Offerings](#)

Continues the emphasis of HIS 2502: Surveys the emergence of contemporary American life and culture from the 1870s to the present; focuses on American power at home and abroad, the rise of today's mass consumer society, and the emergence of new values. Readings also explore aspects of modern popular culture.

Attributes: WK Social Sciences

HIS 2857: HISTORIOGRAPHY: WORLD HISTORIANS (3) [Offerings](#)

This course explores the discipline of history as it developed through time and across cultures. Students will gain 1) an understanding of where and how the practice of history developed over time 2) a familiarity with differing approaches to the study of the past and the techniques and tools that accompany them 3) an ability to articulate important debates within the discipline, and 4) a grasp of the ways in which Christian faith and values inform the study of the past.

HIS 2870: INTRODUCTION TO MUSEUM STUDIES AND PUBLIC HISTORY (5) [Offerings](#)

This course explores the many ways historians research, preserve and present historical topics to public audiences in historical sites, archives, and especially museums. It explores both the theories and practice of providing history for public audiences. It introduces the history of museums and debates on the philosophical nature of museums. It covers the types and definitions of museums, traces the history of museums, discusses contemporary practice in museums, and examines current issues in the

museums, traces the history of museums, discusses contemporary practice in museums, and examines current issues in the profession. The course explores museums' missions and their roles in society through case studies and through visits to local museums.

HIS 2881: CAREERS IN HISTORY: WHAT TO TELL MY PARENTS (1) [Offerings](#)

Many history majors want to turn their love of history into a career. Now they can! This course introduces at least ten history careers, through readings, guest speakers, field trips, and hands-on projects. Practical topics about each career are covered, such as the type of education needed, places where one might work, and how to secure a history job. Careers such as the following are included: museum curator, archivist, historic preservationist, living history interpreter, historical author/editor, archaeologist, state/federal historian, exhibit designer, high school teacher, and college professor. Typically offered: Winter.

HIS 2950: SPECIAL TOPICS IN HISTORICAL STUDY (1-5) [Offerings](#)

Explores selected topics in History. May be repeated for credit up to 15 credits.

Restrictions: Undergraduate only.

HIS 3100: ANCIENT CIVILIZATION (5) [Offerings](#)

Surveys Mediterranean history from early Egypt and Mesopotamia to the rise of the Roman Empire with emphasis on the Bronze Age. Enables the student to understand the world of the Old Testament.

Equivalents: CLA 3100 **Attributes:** Upper-Division

HIS 3170: CLASSICAL CIVILIZATION (5) [Offerings](#)

Explores history, literature, and society of classical Greece and Rome, stressing contributions to modern Western civilization.

Equivalents: CLA 3170 **Attributes:** Upper-Division

HIS 3200: ANCIENT AND MEDIEVAL WORLDS (5) [Offerings](#)

Surveys the period from the rise of Greece and Rome, with some reference to pre-classical cultures, to about 1500. Emphasizes the role of Greco-Roman and Judeo-Christian cultures in the shaping of institutional, artistic, and cultural values that distinguish our Western culture from others, as well as the unique features of classical-medieval culture and their relevance today.

Attributes: Upper-Division

HIS 3320: HISTORY OF ENGLAND: ROMAN BRITAIN TO ELIZABETH I (5) [Offerings](#)

A survey of Great Britain from the Anglo-Saxon period to the Elizabethan monarchy. The course emphasizes the emergence of cultural, social, and ecclesiastical institutions and movements.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

HIS 3331: HISTORY OF SPAIN: ROMAN HISPANIA TO WORLD EMPIRE (5) [Offerings](#)

Traces the origins of the Iberian Peninsula from the Roman era to the discovery of the New World in 1492. Emphasizes cultural, social, and ecclesiastical institutions and movements.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

HIS 3345: RUSSIA AND CENTRAL ASIA: FROM EMPIRE TO NATION STATES (5) [Offerings](#)

Surveys history, geography, politics, and economies of Russia and its southern periphery. Examines impact of tsarist and Soviet legacies on today's Russian federation and eight countries that make up the newly independent states of the Caucasus and Central Asia. Special focus is given to Russia's role in international geopolitics and the global economy.

Equivalents: POL 3345 **Attributes:** Upper-Division **Restrictions:** Freshman students are excluded.

HIS 3356: THE HOLOCAUST (5) Offerings

This course examines the Holocaust in historical context. Why did it happen? Who was responsible? How did victims respond? How has the Holocaust been remembered and misremembered? Students will have the opportunity to explore such topics and reflect on what it means to be human in light of the Holocaust.

Attributes: Cultural Understand&Engagement, Upper-Division **Restrictions:** Freshman students are excluded.

HIS 3357: EUROPE SINCE 1945 (5) Offerings

What does it mean to be European, and who can be a European? This class explores these questions in a postwar Europe that has been haunted by the legacies of World War II. It examines the rise of popular culture, mass media, and the welfare state, and the way these developments have shaped European values and expectations. This class forefronts the political and social ramifications of the Cold War, shifting ideas of gender, sexuality and race, and the social impact of mass migrations of people into and between European countries. As the course unfolds, we will consider if Europe can be best described as a "post-Christian" society.

Equivalents: EUR 3357 **Attributes:** Upper-Division, Ways of Engaging, Writing "W" Course **Restrictions:** Freshman students are excluded.

HIS 3358: RACE, SEXUALITY, AND RELIGION IN POSTWAR EUROPE (3) Offerings

What does it mean to be European, and who can be a European? Such questions of citizenship and belonging are ones that have been especially fraught for racial, sexual, and religious minorities. This class explores these questions in a postwar Europe that has been haunted by the legacies of World War II and colonial empires. In this junior-level research seminar, students will read broadly on the subject, discuss historical scholarship, conduct original research, and write a persuasive paper on their findings. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman students are excluded.

HIS 3366: THE HOLOCAUST IN PRAGUE: JEWISH EXPERIENCES (5) Offerings

The Holocaust, the murder of six million Jews by Germans and their collaborators in Nazi-occupied Europe during World War II, is one of the most central events in modern history. Studying the Holocaust in Prague offers students keen visuals and experiences to understand the magnitude and specificity of this genocide. This course focuses primarily on Jewish culture and life before, during and after WWII. We will examine anti-Semitism in Nazi ideology, life under Nazi rule, and the machinery of the modern state in implementing the murder of Jews. The main thrust of our study will consider Jewish experiences and forms of resistance inside and outside the concentration camps, and the ways the victims worked to maintain their humanity. The final week of the class highlights the struggles Jewish survivors faced as anti-Semitism remained entrenched into the early years of the Cold War, particularly in the Soviet-dominated East. Note: This study abroad course is not equivalent to HIS 3356 "The Holocaust." Typically offered: Alternate Years.

Attributes: Cultural Understand&Engagement, Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded.

HIS 3382: CRUSADES, JIHAD, AND HOLY WARS: 1095-1492 (5) Offerings

This course uses religious conflicts in Spain from 1095-1492 to help understand the many dimensions of religious conflict today and also to explore Christian responses to military conflict. The historical case study is the Crusades and Holy Wars in Spain 1095-1492, studied in their social, political, and religious contexts. Topics include the Crusades, pogroms against Jews, suppression of heresy, the use of torture, the development of the western ideas of the Just War and Pacifism, Christian missions to Muslims, Christian-Muslim theological debates, the development of the Islamic idea of Jihad, the Reconquest in Spain, and the corollary issues that

flow from all of these as they apply to contemporary religious and military conflicts.

Attributes: Upper-Division, Ways of Engaging

HIS 3387: CHRISTIANITY IN ASIA (3) Offerings

This course explores the rise of Christianity in Asia as it grew exponentially with the advent of European Christian missions in the fifteenth century. This course examines the ways that Asians have seen Christianity as a foreign religion affiliated with imperial powers and conversely as a universal religion that has been associated with modernity and transformative social institutions. Typically offered: Winter.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman students are excluded.

HIS 3395: EUROPEAN INTELLECTUAL HISTORY: FROM ANSELM TO MARX (5) Offerings

Surveys major thinkers and intellectual movements from scholasticism to Marxism, with emphasis on the historical context. Includes directed readings in primary sources.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

HIS 3401: FROM APOSTLES TO CATHEDRALS: ANCIENT AND MEDIEVAL CHRISTIANITY (5) Offerings

A survey of Christianity from its post-apostolic origins to the end of the Middle Ages. Evaluates the formation of orthodoxy, the challenge of heterodoxy, early monasticism, and missions to Western Europe; then explores the achievement of the Medieval church through a study of the papacy, scholasticism, the Crusades, and Eastern Orthodoxy.

Equivalents: THEO 3301 **Attributes:** Upper-Division **Restrictions:** Freshman students are excluded.

HIS 3402: REFORMATION AND MODERN CHRISTIANITY (5) Offerings

A survey of Christianity from the reformations of the 16th century to recent times. Focuses on Luther, Calvin, and the Anabaptists; Anglicans and Puritans; the Council of Trent; 17th-century orthodoxy, rationalism and pietism; the beginnings of Christianity in America; and the Great Awakening, and Wesleyan revival of the 18th century.

Equivalents: THEO 3302 **Attributes:** Upper-Division **Restrictions:** Freshman students are excluded.

HIS 3403: A VEXING QUESTION: JESUS: MYTH, FAILED MESSIAH, OR SON OF GOD (3) Offerings

The course examines the how historians, theologians and scholars of other disciplines have attempted to deal with the most vexing figure in human history, Jesus Christ. Was he a Myth created by his earlier followers, was he a failed Messianic fraud or is he what the New Testament proclaims him to be, Messiah and God Incarnate? To do so we will examine these questions from Early Christianity, to the Enlightenment, and the current debate that rages from the halls of academia, to the pulpit, and popular media. Students will be challenged to explore this vexing question through critical thinking and select reading of texts. Typically offered: Autumn.

Attributes: Upper-Division

HIS 3405: THE SCIENTIFIC REVOLUTION AND CHRISTIANITY IN THE REFORMATION ERA IN EUROPE, 1500-1700 (5)

Offerings

Surveys the dramatic changes in science, philosophy, and Christianity in the Western tradition 1500-1700. This is the era of the contemporaneous events we call "The Scientific Revolution" and "The Reformations." This course is a selective historical tour of the maturing of physical science (especially astronomy and cosmology) in the sixteenth and seventeenth centuries and the parallel developments in Christianity as the new Protestant denominations were breaking away from the historic Catholic Church. We will investigate and evaluate connections, interactions, and influences between science and religion.

Equivalents: THEO 3305 **Attributes:** Upper-Division, Ways of Engaging **Prerequisites:** UCOR 2000: D or better

HIS 3406: CHRISTIANITY IN AMERICA (5) Offerings

A survey of the development of American Christianity from the 17th century to the present. Explores the many expressions of Christianity that have taken root in American soil, with an emphasis on the interplay between Christianity and American culture. Particular attention will be given to the contemporary religious landscape, that is, to the varieties of American church life today.

Equivalents: THEO 3303 **Attributes:** Upper-Division

HIS 3435: MARXISM: 20TH CENTURY THEORY AND PRACTICE (3) Offerings

Examines the development of varieties of Marxist theory and practice in the 20th century. Compares the Soviet, European, Chinese, and Latin American experiences with Marxist thought and practice. Typically offered: Alternate Years.

Equivalents: ECN 3435, POL 3435 **Attributes:** Upper-Division **Restrictions:** Freshman students are excluded.

HIS 3440: WAR, PEACE & WORLD ORDER (5) Offerings

A study of conflict and conflict resolution in the international system, drawing upon resources from negotiation theory, peace studies, biblical models, international law, and international organization, with analysis of varying world-order models.

Equivalents: POL 3440 **Attributes:** Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded.

HIS 3444: HUMANITARIANISM: PROMISES AND PROBLEMS (5) Offerings

While Jesus taught his followers the importance of compassion in his parable on the Good Samaritan, it was not until the "modern" era that public concern for others outside one's local area emerged. This class explores modern humanitarianism from its inception with the British antislavery movement to the rise of the technocratic expert and the globalization of development. The course examines the roles of paternalism, politics, and power in past humanitarian schemes and responses to them, and the enduring value of Christian faith in extending aid.

Attributes: Cultural Understand&Engagement, Upper-Division **Restrictions:** Freshman students are excluded.

HIS 3445: GENOCIDE: A COMPARATIVE STUDY (5) Offerings

Mass violence has occurred on an unprecedented scale over the past two centuries. This course examines one of the most horrifying forms that this violence has taken: genocide, the attempt to eradicate an entire group of people. We comparatively study the causes and outcomes of particular episodes of genocide, including the Herero, Armenian, Cambodian, Rwandan and the Holocaust, and weigh reconciliation efforts and preventative measures that we have taken to eliminate this iniquity.

Attributes: Cultural Understand&Engagement, Upper-Division **Restrictions:** Freshman students are excluded.

HIS 3446: LIFE IN THE COLD WAR (5) Offerings

During the Cold War (1946-1991), the democratic West and the Communist East competed not only for world dominance, but they also battled over which side delivered the "good life." This course focuses on life in a Europe characterized by the threat of nuclear war and the rise of the welfare state, popular media, and youth culture. It focuses on a divided Europe and features popular protest and gendered politics. While the formal war concluded relatively peacefully, this class asks if the dividing line simply moved east with tensions remaining between the European Union and Russia. Typically offered: Alternate Years.

Attributes: Ways of Engaging, Writing "W" Course **Restrictions:** Freshman students are excluded.

HIS 3448: HUMAN TRAFFICKING, SLAVERY, AND REFUGEES: HISTORY OF FORCED MIGRATION (5) Offerings

Human trafficking, slavery, and asylum-seeking: all three of these are forms of forced migration that have posed moral, legal, and logistical challenges in modern world history. This course will explore the historic factors that contributed to the rise of these forms of forced migration and how efforts have been to challenge, regulate, or ameliorate the conditions for forced migrants. The course takes a comparative historical approach in examining how the world responded to these three forms of forced migration, and will help students better understand and engage with current-day events on these topics.

Attributes: Cultural Understand&Engagement, Upper-Division

HIS 3495: HISTORY OF SCIENCE SEMINAR (3) [Offerings](#)

Upper-division research seminar, stressing analysis of primary sources and advanced integrative historical understanding. Focus may vary from year to year. Sample topics: Galileo and the church; the world of Isaac Newton; Darwin evolution and society; technology and modernity; the Scopes Trial; Women and science. Typically offered: Autumn.

Attributes: Upper-Division, Writing "W" Course

HIS 3496: DARWIN, EINSTEIN, AND THE REINTERPRETATION OF NATURE, 1830-1930 (5) [Offerings](#)

This course examines various interpretative shifts in the physical and life sciences from late eighteenth to the early twentieth century. The backbone of the course will involve a close reading of Darwin's 'Origin of Species' (1859) and Einstein's 'Relativity: The Special and General Theory' (1916) with special attention to the historical developments that led to the publication of these works, as well as their subsequent influence.

Attributes: Upper-Division, Ways of Engaging **Prerequisites:** UCOR 2000: D or better

HIS 3501: COLONIAL AND REVOLUTIONARY AMERICA: FOUNDATIONS OF AMERICAN CIVILIZATION (5)

[Offerings](#)

Surveys the pre-national experience of the United States, in North American and international contexts. Main topics are the European explorations of the 1500s, the colonizing activities of the 1600s, the culture of expanding provincial America in the early 1700s, and the era of the American Revolution. How have America's distinctive institutions, ideas, and values developed-particularly those related to Christianity? In light of the foundations of American Civilization, is it at all valid to say, as some insist and others deny, that the U.S. is a "Christian nation?"

Attributes: Upper-Division, Ways of Engaging, Writing "W" Course **Restrictions:** Freshman students are excluded.

HIS 3565: WORLD WAR II (3) [Offerings](#)

Junior-level research seminar, stressing analysis of primary sources and advanced, integrative historical understanding. Studies American experiences at home and abroad during the Second World War, and assesses the impact of the ordeal on contemporary American civilization. Guest presentations supplement instructor lectures and class discussion. Students present an individual oral history project. Typically offered: Occasionally.

Attributes: Upper-Division

HIS 3600: HISTORY OF THE PACIFIC NORTHWEST (5) [Offerings](#)

This course offers a freewheeling time of exploration and discovery-in quest of the historic personality of a region. In many ways the course is the student's to create as he or she devises appreciative and creative ways to engage the region's heritage. Above all, this course demands encounters with diverse experiences and resources as a springboard for continuous learning. Student explorations follow three concurrent tracks: classroom presentations, study of a textbook, and independent field experiences.

Attributes: Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded.

HIS 3670: HISTORY OF AMERICAN FOREIGN RELATIONS (5) [Offerings](#)

Studies the United States as a participant in the international system, from colonial dependency to superpower. Processes a

studies the United States as a participant in the international system, from colonial dependency to superpower. Proposes a theoretical model for interpreting American foreign policy and applies this framework to historical events considered chronologically. Considers questions of morality in relation to foreign policy.

Equivalents: POL 3670 **Attributes:** Upper-Division, Ways of Engaging, Writing "W" Course **Restrictions:** Freshman students are excluded.

HIS 3720: RISE OF ISLAMIC CIVILIZATION (5) Offerings

How did a 6th-century merchant in the Arabian peninsula launch a global religion that changed the way the world eats, speaks, learns, and worships? This course traces the rise and development of Islamic civilization from seventh-century origins to the 18th century, exploring topics such as trade, empire-building, women and society, literature, and science.

Attributes: Cultural Understand&Engagement, Upper-Division, Ways of Engaging, Writing "W" Course

HIS 3725: WOMEN AND GENDER IN THE MIDDLE EAST (3) Offerings

This class explores the history of women and gender in the Middle East from the beginnings of Islam to the present day. Using historical sources, students will conduct research on topics including: veiling, marriage, divorce, Islamic Law, colonialism, and women's movements. This course satisfies a research seminar requirement for history majors, but is open to students from all majors. Typically offered: Winter.

Attributes: Cultural Understand&Engagement, Upper-Division, Writing "W" Course **Restrictions:** Freshman students are excluded.

HIS 3730: HISTORY OF THE MODERN MIDDLE EAST (5) Offerings

This course traces significant changes in the politics, economics, and societies of the Middle East from the 19th - 21st centuries. Students will explore topics such as Western imperialism, the rise of nationalism, the Arab-Israeli conflict, social movements, the geopolitics of oil, and terrorism in shaping the modern history of this world region.

Attributes: Upper-Division, Ways of Engaging

HIS 3750: LATIN AMERICA (5) Offerings

Traces the history of Latin America, with particular attention to the development of political, economic, social, religious, and aesthetic values.

Equivalents: SOC 3750 **Attributes:** Cultural Understand&Engagement, Upper-Division **Restrictions:** Freshman students are excluded.

HIS 3765: FAMILY, STATE AND PATRIARCHY IN EAST ASIA (5) Offerings

This course explores the making of East Asian family, state and patriarchal traditions from the historical perspective. We will introduce the key belief systems, institutions, and historical developments from classical times to 1800 and how they have shaped the fundamental features of East Asia. The course also examines the ways in which the interactions of family and state were expressed similarly and differently in East Asian countries like China, Japan and Korea.

Equivalents: ASIA 3765 **Attributes:** Upper-Division, Ways of Engaging, Writing "W" Course **Restrictions:** Freshman students are excluded.

HIS 3767: RELIGION, REVOLUTION AND SOCIAL CHANGES IN CHINA (3) Offerings

This course discusses the relation of religion and society in the late imperial China through the examination of historical materials on the subject. It aims to help students understand the role of religion in the discourse of China's social and cultural transformation on the eve of modernization, responses to the spread of Christianity and Western imperialism, and consequential changes of personal and national identities. As a research seminar, the course stresses analysis of primary sources and advanced, integrative historical

understanding. Students will read core texts, analyze primary sources, write reading reflections, and then complete a research proposal. No previous knowledge of this subject is assumed. Typically offered: Spring.

Equivalents: ASIA 3767 **Attributes:** Upper-Division, Writing "W" Course

HIS 3785: TRADE, WAR, AND THE MAKING OF EAST ASIAN MODERNITIES (5) Offerings

What roles did Trade and War play in the rise of East Asian powers? To what extent did they shape their identities and political ambitions? The course traces the history from the Opium Wars to the rise of Asian economic powers within the capitalist world-system. The course helps students to understand East Asia's struggles with the Western imported meta-narratives of progress, revolution, socialism, race, equality and Christianity and search for their modern identities in the past 150 years.

Equivalents: ASIA 3785 **Attributes:** Upper-Division, Ways of Engaging, Writing "W" Course

HIS 3786: NATION, CITY AND IDENTITY IN CHINA: FROM OPIUM WARS TO MEGACITIES (5) Offerings

In the past three decades rapid economic development and modernization programs have significantly altered the traditional urban system in China. The country now has the largest number of megacities but the vast "floating population" of migrants continue to struggle with their lack of residency rights in the cities. This course traces China's urban development since the late 19th century at the backdrop of China's re-staging itself as a modern power in a global world. It explores how Chinese cities and its urban system have shaped in ideology and practice, and changes to social life and cultural identity in the modern history.

Attributes: Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded.

HIS 3790: HISTORY OF AFRICA (5) Offerings

This course studies the history of Africa from the colonial era to the present. It examines cultural, political, and economic changes both within Africa and between Africa and world regions. Typically offered: Alternate Years.

Attributes: Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded.

HIS 3813: HISTORY ONLINE (3) Offerings

This is a research and writing seminar updated for the digital age. All students of history must learn how to study texts and artifacts from the past. But what about using YouTube videos as a historical source? How will historians of the future study our text messages and decipher our emojis? How can students assess which online content is reliable? This class will help students master the essentials of historical research with a particular emphasis on using online historical sources. Students will then write up and present their research in a variety of online formats: wiki articles, podcasts, blog posts, and more, helping students hone the kinds of practical writing skills that will help them in any future career. Typically offered: Spring.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman students are excluded.

HIS 3861: PRESENTING HISTORY (2) Offerings

Public speaking is an essential professional skill, especially for students of history. This class will help students take their knowledge of the past and learn how they can create lesson plans for the classroom, give entertaining presentations as interpreters at historical sites or museums, or simply build their confidence and hone their skills in addressing groups of people in any setting. This class is designed for students who are curious about using their history studies to pursue a career in education or in public history, but it is also beneficial for any students looking to improve their public speaking skills. Typically offered: Alternate Years.

Attributes: Upper-Division

HIS 3871: ARCHIVES: HISTORY, THEORY AND PRACTICE (3) Offerings

This course introduces students to the archival history, theory and practice. Students who successfully complete this course will: 1) be familiar with standard archival theories and practice; 2) be able to identify basic historical developments of the profession; 3) understand archival terminology; 4) understand each of the 11 elements of the archival cycle; 5) read, comprehend, analyze, and

discuss assigned readings on a weekly basis; 6) process a collection in the SPU Archives; 7) create an archival portfolio containing examples of your archival work that can be shown to potential employers; 8) visit a local off-campus archives (e.g., City of Seattle) 9) learn about the archival profession generally and its various employment opportunities.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

HIS 3872: MUSEUM EDUCATION (3) Offerings

The goal of this class is to prepare students to plan, implement, and evaluate public programs in a museum, park, battlefield or historic site. Students will gain theoretical knowledge about the field of interpretation and education and gain historical perspective about trends in the field. Each student will produce a portfolio to demonstrate class learning and to assist in future job searches.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

HIS 3950: SPECIAL TOPICS IN HISTORICAL STUDY (1-5) Offerings

Explores selected topics in History. Typically offered: Occasionally. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Undergraduate only.

HIS 4495: HISTORY OF SCIENCE SEMINAR (3) Offerings

Capstone research seminar, stressing analysis of primary sources and advanced integrative historical understanding. Focus may vary from year to year. Sample topics: Galileo and the church; the world of Isaac Newton; Darwin evolution and society; technology and modernity; the Scopes Trial; or women and science.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

HIS 4525: AMERICANS BEFORE THE CIVIL WAR, 1820-1860 (3) Offerings

Capstone research seminar, stressing analysis of primary sources and advanced, integrative historical understanding. Studies the interacting impact of religious revivals, social reforms, and cultural romanticism in the context of political realignment and economic transformation, leading ultimately to the Civil War. Students select typical life roles from the period to research and portray.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

HIS 4600: PACIFIC NORTHWEST SENIOR TUTORIAL (5) Offerings

An alternative version of HIS 3600. Through guided independent study, the student surveys development of the region encompassing Washington, Oregon, and Idaho from the discovery period to the present. Students engage in readings and field visits, and submit a journal both as a measure of learning progress and as a permanent resource packet. (Post-baccalaureate students should enroll in HIS 5600, a version of the course offered year round.) Typically offered: Summer Quarter.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

HIS 4765: TOPICS IN EAST ASIAN HISTORY (3) Offerings

Capstone research seminar, stressing analysis of primary sources and advanced, integrative historical understanding. Students will read core texts and then complete an original research project, usually a term paper. Region and theme may vary year to year. Sample topics include: modern Japan, state building and nationalism, religion and culture, etc.

Equivalents: ASIA 4765 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.

HIS 4899: HISTORY CAPSTONE (3) Offerings

This course provides a summative experience for our History students. In this course, students will write and reflect on the discipline of History, and they will develop a prior research project into a full-length research paper. Typically offered: Winter.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.

Prerequisites: (HIS 3495: C- or better OR HIS 3725: C- or better OR HIS 3765: C- or better OR HIS 3358: C- or better OR HIS 3813: C- or better)

HIS 4900: INDEPENDENT STUDY (1-5) Offerings

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

HIS 4905: MUSEUM APPRECIATION AND CRITICAL ENCOUNTER (1-5) Offerings

This independent study / guided study course will permit an instructor and student to craft a syllabus and course of study for a student's planned "critical encounter" with a museum or museums, especially (but not exclusively) during a study-abroad or study-away opportunity. Typically offered: Occasionally. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

HIS 4920: READINGS IN HISTORY (GENERAL) (1-5) Offerings

Prerequisites: 15 credits of B work in history. Requires reading and reporting in a designated area of history as arranged between the student and instructor. The student should present a proposal before registering. May be repeated for credit up to 20 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

HIS 4930: MENTORING PRACTICUM (1-5) Offerings

Designed to provide an opportunity for academically skilled juniors and seniors to work under faculty supervision providing peer academic mentoring to freshmen and sophomores taking lower-division history and university core courses (e.g., UCOR 2000 The Emergence of the Modern Global System). May be repeated for credit up to 15 credits.

Attributes: Upper-Division

HIS 4940: HISTORY INTERNSHIP (1-15) Offerings

Prerequisites: 15 credits of B work in history. Provides opportunities as available for practical application of history skills. See internship coordinator and history chairperson. May be repeated for credit up to 30 credits. May be repeated for credit up to 30 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Non-Matriculated students are excluded.

HIS 4949: APPLIED HISTORY INTERNSHIP (1-15) Offerings

Prerequisites: 15 credits of B work in history. Provides opportunities as available for practical application of history skills, including museum training. See internship coordinator and history chairperson. May be repeated for credit up to 30 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Non-Matriculated students are excluded.

HIS 4950: SPECIAL TOPICS (1-5) Offerings

Explores selected topics in History. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

HIS 4970: INDEPENDENT RESEARCH (1-5) Offerings

Student research and writing on a significant historical topic as arranged with a faculty member. May require a project proposal before registering. Typically offered: Occasionally. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Non-Matriculated, Sophomore students are excluded.

Philosophy

[PHI 1001](#) | [PHI 1002](#) | [PHI 1004](#) | [PHI 2001](#) | [PHI 2222](#) | [PHI 2500](#) | [PHI 2999](#) | [PHI 3601](#) | [PHI 3602](#) | [PHI 3606](#) | [PHI 3633](#) | [PHI 3651](#) | [PHI 3700](#) | [PHI 3770](#) | [PHI 3999](#) | [PHI 4652](#) | [PHI 4653](#) | [PHI 4897](#) | [PHI 4900](#) | [PHI 4920](#) | [PHI 4930](#) | [PHI 4940](#) | [PHI 4950](#) | [PHI 4970](#)

PHI 1001: LOGIC AND CRITICAL THINKING (5) Offerings

An introductory course in logic that covers the following topics: the basic concepts of logic (such as validity and soundness), argument forms, identifying arguments, logic and language, categorical syllogisms and Venn diagrams, informal fallacies, truth tables and natural deduction (for propositional logic).

Attributes: WK Humanities

PHI 1002: ETHICS AND THE GOOD LIFE (5) Offerings

This course will introduce students to the methods and practices of moral philosophy as we engage the perennial question of how should we live a good life. Students will engage with philosophers from a variety of cultural and philosophical perspectives and approaches. The aims of the course include: developing tools for productive cross-cultural moral discourse, learning how to analyze philosophical arguments, and learning how to articulate one's own moral views.

Attributes: WK Humanities

PHI 1004: THE EXAMINED LIFE (5) Offerings

Ever since Socrates declared that "the unexamined life is not worth living," philosophers and other thinkers have debated what it means to live a well-examined life. This course discusses what it means to think critically and what it is to be human and pursue the good life. In addition, ethical questions pertaining to justice, holiness, social contract, and the nature of virtue will be explored. In considering these and other questions, the course brings those from Greek and other Western traditions into conversation with Islamic, feminist and African American intellectuals who have challenged the prevailing definitions of humanity, justice, and the good life.

Attributes: WK Humanities

PHI 2001: ADVANCED LOGIC (5) Offerings

Covers these topics: predicate logic with identity and modal logic.

Prerequisites: PHI 1001: D or better

PHI 2222: SOCIAL ETHICS (5) Offerings

In this course we critically examine contemporary controversial moral issues. Questions that may be addressed include: Is abortion morally permissible? Under what conditions, if any, can war or terrorism be justified? Do animals have rights? Does the environment? Do we have a moral obligation to help people in other countries? May the state permissibly prohibit the use of drugs? Should homosexual couples be allowed to marry?

Attributes: Ways of Engaging

PHI 2500: SCIENCE, TECHNOLOGY AND SOCIETY (3) Offerings

How has modern science and technology transformed the human condition and the modes in which humans engage creation/nature? This course examines what makes the sciences distinct as a way of knowing from other means to knowledge. It

considers questions at the intersection of science and ethics and will look at the impact of technology on society and the pursuit of the good life. More pointedly, in what ways does modern technology undermine the good life and what challenging ethical questions are raised by the internet, artificial intelligence, and biotechnologies (e.g. genetic engineering or gene therapies/enhancements)? Typically offered: Alternate Years.

PHI 2999: ETHICS AND THE ARTS (3) [Offerings](#)

This course is primarily concerned with understanding aesthetic value. Is beauty an objective quality that a thing either has or does not have, or are aesthetic judgments merely expressions of personal taste? What sorts of things should we take into account in evaluating art? What is the proper function of art, and of the art critic? Should the government fund art?

Attributes: Ways of Engaging

PHI 3601: ANCIENT PHILOSOPHY (5) [Offerings](#)

Surveys the work of principally Greek philosophers emphasizing Plato and Aristotle. Some consideration may be given to pre-Socratics and post-Aristotelian developments, such as stoicism and Neoplatonism.

Attributes: Upper-Division, Writing "W" Course

PHI 3602: MEDIEVAL PHILOSOPHY (3) [Offerings](#)

What happens when Greek philosophy starts a conversation with the Abrahamic faith traditions (Judaism, Christianity, & Islam)? This course discusses some of the issues and questions arising from the Ancient period (especially in Plato and Aristotle) and engaged by later theologians and philosophers struggling to articulate the beliefs and practices of their faith traditions. Questions include: What is the nature of God? How are we to understand divine knowledge and power? How do answers to such theistic questions accord with human free will, sin, and evil? What is the relationship between faith and reason, and faith and ethics? The course focuses on such thinkers as: Augustine, Boethius, Al Farabi, Ibn Sina, Al Ghazali, Maimonides, and Thomas Aquinas.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** PHI 1001: D or better OR PHI 1002: D or better OR PHI 1004: D or better OR UCOR 3000: D or better

PHI 3606: CONTINENTAL PHILOSOPHY (5) [Offerings](#)

Surveys major philosophical figures in the continental tradition such as Hegel, Kierkegaard, Nietzsche, Heidegger, Gadamer, Derrida and Rorty. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** PHI 1001: D or better OR PHI 1002: D or better OR PHI 1004: D or better OR UCOR 3000: D or better

PHI 3633: EARLY MODERN PHILOSOPHY (5) [Offerings](#)

Surveys the thought of main figures in the early modern period such as Descartes, Locke, Leibniz, Hume and Kant.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** PHI 1001: D or better OR PHI 1002: D or better OR PHI 1004: D or better OR UCOR 3000: D or better

PHI 3651: CONTEMPORARY ETHICAL THEORY (5) [Offerings](#)

An in-depth examination of the main philosophical theories of ethics such as consequentialism, deontology, and virtue ethics. Contemporary versions of these theories will be emphasized. Selected topics in metaethics will also be included, such as morality and self-interest, and morality and rationality.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** PHI 1001: D or better OR PHI 1002: D or better OR PHI 1004: D or better OR UCOR 3000: D or better

PHI 3700: PHILOSOPHY OF LANGUAGE (3) Offerings

We typically communicate by using language, where communicating involves conveying meaning. But what is meaning? And what is a language? Philosophy of language examines these and related issues, such as: in virtue of what do words, or names, refer to objects or to persons? How do we mean more than what we literally say? Related topics include theories of meaning and reference, the distinction between semantics and pragmatics, and the variety of speech acts. May also cover recent work on metaphor and non-literal speech, pejoratives, or the language and power of propagandistic speech.

Equivalents: LIN 3700 **Attributes:** Upper-Division **Prerequisites:** PHI 1001: D or better OR PHI 1002: D or better OR PHI 1004: D or better OR LIN 2100: D or better OR UCOR 3000: D or better

PHI 3770: POLITICAL PHILOSOPHY (3) Offerings

An in-depth examination of the main philosophical theories of the nature of justice and the just society such as liberalism, libertarianism, communism, and communitarianism. Contemporary and historical theories will be covered. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course

PHI 3999: MIND AND IMMORTALITY (3) Offerings

An in-depth examination of the naturalistic program in understanding the human mind. Topics covered include dualism versus physicalism, behaviorism, mind-brain identity theory, functionalism, mental causation, consciousness, reductive and nonreductive physicalism, and the Christian doctrine of the resurrection of the body.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** PHI 1001: D or better OR PHI 1002: D or better OR PHI 1004: D or better OR UCOR 3000: D or better

PHI 4652: CONTEMPORARY METAPHYSICS (5) Offerings

An in-depth examination of classic metaphysical issues focusing on more recent contributions to the debates. Topics include free will, ontology, realism and essentialism.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** PHI 1001: D or better

PHI 4653: CONTEMPORARY EPISTEMOLOGY (3) Offerings

An in-depth examination of classic epistemological issues focusing on more recent contributions to the debates. Topics include the analysis of knowledge, the Gettier problem, the structure and sources of justification, skepticism, a priori knowledge, and naturalized and feminist epistemology.

Attributes: Upper-Division **Prerequisites:** PHI 1001: D or better OR PHI 1002: D or better OR PHI 1004: D or better OR UCOR 3000: D or better

PHI 4897: PHILOSOPHY OF RELIGION (5) Offerings

Explores advanced issues in philosophy of religion / philosophical theology. Topics may include: religious epistemology, theistic arguments, religious diversity and pluralism, the problem of evil, divine providence and free will, the divine attributes, divine revelation, the Trinity, the Incarnation, and the Atonement. Fulfills the senior capstone requirement in philosophy.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** PHI 1001: D or better OR PHI 1002: D or better OR PHI 1004: D or better OR UCOR 3000: D or better

PHI 4900: INDEPENDENT STUDY (1-5) Offerings

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

PHI 4920: DIRECTED READINGS (1-9) [Offerings](#)

Directed Readings May be repeated for credit up to 9 credits.

Attributes: Upper-Division **Restrictions:** Junior, Post-Baccalaureate, Senior students only.

PHI 4930: PHILOSOPHY PRACTICUM (1-8) [Offerings](#)

For advanced students who wish to assist as discussion leaders and readers in lower-division philosophy classes. May be repeated for credit up to 8 credits.

Attributes: Upper-Division **Restrictions:** Philosophy Majors only. Freshman, Sophomore students are excluded.

PHI 4940: PHILOSOPHY INTERNSHIP (1-5) [Offerings](#)

Prerequisite: 30 credits of philosophy. Practical application of philosophical skills. (See philosophy Web-site for illustrative possibilities.) May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Philosophy Majors only. Freshman, Sophomore students are excluded.

PHI 4950: SPECIAL TOPICS IN PHILOSOPHY (1-5) [Offerings](#)

An in-depth exploration of a specific philosophical topic chosen by the instructor. Recent topics include the problem of evil, the doctrines of the trinity and incarnation, political philosophy and C.S. Lewis on the quest for the permanent things. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Junior, Post-Baccalaureate, Senior students only.

PHI 4970: INDEPENDENT RESEARCH (1-9) [Offerings](#)

Independent Research

Attributes: Upper-Division

PreProfessional Health Science

[PPHS 1200](#) | [PPHS 1800](#) | [PPHS 3400](#) | [PPHS 3980](#) | [PPHS 4600](#)

PPHS 1200: INTRODUCTION TO THE HEALTH PROFESSIONS (1) [Offerings](#)

This seminar course provides students with a framework from which they can begin to investigate a career in the professional health sciences. The course provides a holistic orientation that prepares students for participation in our program, and sets them on the path for successful admission to graduate and professional programs in allopathic, osteopathic and veterinary medicine, dentistry, podiatry, occupational therapy, physical therapy, pharmacy, physician assistant and optometry. Instruction will include guest speakers, lectures, and multimedia resources. Short readings introduce students to narrative medicine, discourses on social disparities and social factors contributing to negative health outcomes. This course is the entry point for all students interested in PPHS careers. Community service component required. May be repeated for credit 2 times.

PPHS 1800: HEALTH CARE CAREER SEMINAR (1) [Offerings](#)

This immersive humanities-based seminar is required of all continuing pre-professional health sciences (PPHS) students. Students will explore a deeper examination of the vocational impact of graduate careers in the health sciences. The course will host speakers from a selection of health care backgrounds that may include allopathic, osteopathic and veterinary medicine, dentistry, podiatry, occupational therapy, physical therapy, pharmacy, physician assistant and optometry. Participants are required to provide documentation and evaluations demonstrating 20 hours of clinical shadowing and community volunteering at the onset of the course. Based on these experiences, students will write substantive reflections on health care. Students will prepare short multimedia presentations focused on course themes including academic competence, class, collaboration, collegiality, hidden curriculum(s), narrative medicine, professional etiquette, virtue signaling, and volunteering. Students that plan to pursue the PPHS program mock interview and committee recommendation process for professional school applications are expected to complete this course. May be repeated for credit 3 times.

Prerequisites: CHM 1211: D or better OR BIO 2101: D or better OR (BIO 2129: D or better AND BIO 2130: D or better)

PPHS 3400: APPLICATION WORKSHOP (2) [Offerings](#)

This workshop course is required of all continuing pre-professional health sciences (PPHS) students in their sophomore, junior, or senior year. The focus of this workshop course is to prepare students to successfully navigate the application and testing process for medical and dental schools especially. Special sessions will focus on application processes for other PPHS fields as well, including Physical Therapy, Pharmacy, Physician Assistant, Optometry and Veterinary Medicine. The workshop will cover in detail the application timeline, the required steps for each application and pre-requisites to the required standardized tests for each of the fields. In addition the course will cover in depth approaches to essay writing, the personal statement completion, interview skills and the interview process. The process for obtaining letters of recommendation as well as the steps toward the "in-house" PPHS mock interview and committee review will be covered. Resources from the SPU Career Center will be utilized for this course. Grading: Pass/No Pass. Personal Statement and Essay Writing required. All students that plan to pursue the PPHS sponsored "mock interview and committee recommendation" process for medical school or dental school applications at any time in the future years are expected to take this course. May be repeated for credit 2 times.

Attributes: Upper-Division **Prerequisites:** PPHS 1800: D or better AND (CHM 3371: D or better OR PHY 1101: D or better OR PHY 1121: D or better)

PPHS 3980: PREPROFESSIONAL HEALTH SCIENCE FIELD EXPERIENCE (1-2) [Offerings](#)

A health care experience course arranged by the student and agreed upon by the instructor on an individual basis. This course is optional but should be done in the junior or senior year. It includes several components: an actual field experience as "an invited guest observer" in a professional work setting to see a variety of health care activities and to talk formally and informally to professionals who are in various stages of training and practice; a journal of these experiences; a final paper or project on the profession to be submitted to the instructor; and readings on ethical dilemmas in the field. May be repeated for credit up to 4 credits.

Attributes: Upper-Division

PPHS 4600: CONTEMPORARY ISSUES IN MEDICINE (3) [Offerings](#)

Drawing on literature from social epidemiology, health policy, bioethics, government agencies, and mainstream media sources, this course investigates the ethical implications of the social determinants of health for providers and structural issues influencing social justice.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.

Prerequisites: BIO 3615: C- or better

Mechanical Engineering

[ME 2891](#) | [ME 3300](#) | [ME 3310](#) | [ME 3400](#) | [ME 3430](#) | [ME 3500](#) | [ME 3501](#) | [ME 3502](#) | [ME 4410](#) | [ME 4910](#)

ME 2891: STATICS (4) [Offerings](#)

A study of vector forces and their analysis, equilibrium of particles and of rigid bodies, structural analysis and internal forces, distributed forces, center of gravity and centroids. Typically offered: Autumn.

Equivalents: EGR 2891 **Prerequisites:** PHY 1121 can be taken concurrently: C- or better AND MAT 1234: C- or better **Fees:** Engineering Materials Fee

ME 3300: PROPERTIES OF MATERIALS (3) [Offerings](#)

Studies the fundamental principles of structure and properties of materials that are utilized in the practice of engineering. Properties of materials are related to atomic, molecular, and crystalline structure. Discusses metals, ceramics, multiphase systems, and polymeric materials. Covers relationships between structure and electrical, mechanical, thermal, chemical properties and the decisions made for their use in engineered systems or material selection in engineering design. Typically offered: Winter.

Equivalents: EGR 3300 **Attributes:** Upper-Division **Prerequisites:** CHM 1211: C- or better AND (EGR 3310: C- or better OR ME 3310: C- or better) **Fees:** Engineering Materials Fee

ME 3310: MECHANICS OF MATERIALS (4) [Offerings](#)

This course builds on and integrates with concepts introduced in prior coursework in static systems. Studies stress and strain, properties of materials, axial load, torsion, bending, shear, strain and stress transformations, deflections of beams and shafts. Typically offered: Winter.

Equivalents: EGR 3310 **Attributes:** Upper-Division **Prerequisites:** EGR 1501 can be taken concurrently: C- or better AND (EGR 2891: C- or better OR ME 2891: C- or better) **Fees:** Engineering Materials Fee

ME 3400: DYNAMICS (5) [Offerings](#)

This course builds on concepts introduced in prior coursework in static systems and engineering mechanics. It includes solving problems of kinematics and kinetics for particles and rigid bodies using energy, momentum, and angular momentum conservation laws. Typically offered: Spring.

Equivalents: EGR 3400 **Attributes:** Upper-Division **Prerequisites:** MAT 1235: C- or better AND (EGR 2891: C- or better OR ME 2891: C- or better) **Fees:** Engineering Materials Fee

ME 3430: SYSTEM DYNAMICS (5) [Offerings](#)

Studies mathematical modeling, analysis, and design of physical dynamic systems involving energy storage and transfer by lumped-parameter linear elements. Time -domain and frequency domain treatments are explored using both analytical methods and numerical simulation.

Attributes: Upper-Division **Prerequisites:** MAT 3237: C- or better AND (EE 2726: C- or better OR EGR 2726: C- or better) AND (ME 3400: C- or better OR EGR 3400: C- or better) **Fees:** Engineering Materials Fee

ME 3500: THERMAL SCIENCE I: THERMODYNAMICS (5) [Offerings](#)

A first course for engineering and physics students in the thermal sciences, designed to introduce students to the subject of thermodynamics. Topics include properties, open and closed systems, and the 1st and 2nd laws of thermodynamics. Applications

include power, refrigeration, and heat pump systems. Typically offered: Autumn.

Equivalents: EGR 3500 **Attributes:** Upper-Division **Prerequisites:** PHY 1122: C- or better AND MAT 1235: C- or better **Fees:** Engineering Materials Fee

ME 3501: THERMAL SCIENCE II: FLUID MECHANICS (5) [Offerings](#)

A continuing course for engineering and physics students in the thermal sciences. This course will focus on fluid mechanics. Topics include kinematics of fluid motion, fluid statics, dimensional analysis, integral analysis of fluid dynamics, and internal and external flows. Typically offered: Winter.

Equivalents: EGR 3501 **Attributes:** Upper-Division **Prerequisites:** (EGR 2891: C- or better OR ME 2891: C- or better) AND (EGR 3500: C- or better OR ME 3500: C- or better) AND MAT 3238 can be taken concurrently: C- or better **Fees:** Engineering Materials Fee

ME 3502: THERMAL SCIENCE III: HEAT TRANSFER (5) [Offerings](#)

A continuing course for engineering and physics students in the thermal sciences. This course will focus on heat transfer by conduction, convection, and radiation. Typically offered: Spring.

Equivalents: EGR 3502 **Attributes:** Upper-Division **Prerequisites:** (EGR 3500: C- or better OR ME 3500: C- or better) AND MAT 3238 can be taken concurrently: C- or better **Fees:** Engineering Materials Fee

ME 4410: MECHANICAL DESIGN (3) [Offerings](#)

An integrated design and analysis course utilizing applications of mechanics and thermal-fluids systems applied to the design and test of complex mechanical and electro-mechanical systems.

Equivalents: EGR 4410 **Attributes:** Upper-Division **Prerequisites:** (EGR 3400 can be taken concurrently: C- or better OR ME 3400 can be taken concurrently: C- or better) AND (EGR 3500: C- or better OR ME 3500: C- or better) **Fees:** Engineering Materials Fee

ME 4910: WA STATE FE PREPARATION FOR MECHANICAL ENGINEERS (1) [Offerings](#)

Seminar review of principles and problem solving in math, ethics, engineering economics, and mechanical engineering technical topics to assist students in preparation for the Mechanical Engineering FE exam.

Attributes: Upper-Division **Restrictions:** Mechanical Engineering Majors only. Senior students only. **Fees:** Engineering Materials Fee

Physics

[PHY 1101](#) | [PHY 1102](#) | [PHY 1103](#) | [PHY 1110](#) | [PHY 1111](#) | [PHY 1121](#) | [PHY 1122](#) | [PHY 1123](#) | [PHY 1135](#) | [PHY 1140](#) | [PHY 1142](#) | [PHY 1910](#) | [PHY 2010](#) | [PHY 2321](#) | [PHY 2567](#) | [PHY 2568](#) | [PHY 2950](#) | [PHY 3011](#) | [PHY 3110](#) | [PHY 3137](#) | [PHY 3211](#) | [PHY 3311](#) | [PHY 3312](#) | [PHY 3313](#) | [PHY 3315](#) | [PHY 3340](#) | [PHY 3401](#) | [PHY 3700](#) | [PHY 4101](#) | [PHY 4242](#) | [PHY 4311](#) | [PHY 4315](#) | [PHY 4340](#) | [PHY 4515](#) | [PHY 4520](#) | [PHY 4899](#) | [PHY 4900](#) | [PHY 4905](#) | [PHY 4930](#) | [PHY 4940](#) | [PHY 4950](#) | [PHY 4970](#)

PHY 1101: GENERAL PHYSICS (5) [Offerings](#)

The first quarter of a general introduction to physics, intended for biology and premed majors. Covers mechanics.

Attributes: WK Fundamental Science

PHY 1102: GENERAL PHYSICS (5) [Offerings](#)

The second quarter of a general introduction to physics, intended for biology and premed majors. Covers heat, sound, fluids, waves, and optics.

Prerequisites: PHY 1101: D or better

PHY 1103: GENERAL PHYSICS (5) [Offerings](#)

The third quarter of a general introduction to physics, intended for biology and premed majors. Covers electricity, magnetism, circuits, and modern physics.

Prerequisites: PHY 1102: D or better

PHY 1110: INTRODUCTION TO THE NATURE OF SCIENCE (5) [Offerings](#)

Provides a lecture, demonstration and discussion course in the physical sciences. Examines the scientific method in light of what it does and does not do. Covers selected scientific concepts and theories, drawing most of the examples from the field of physics.

Equivalents: CHM 1110 **Attributes:** WK Applied Science

PHY 1111: UNIVERSITY SCHOLARS PHYSICS (5) [Offerings](#)

A general introduction to physics, intended for students in the University Scholars program. The course will cover Planetary motion, Newtonian mechanics, thermodynamics, relativity and quantum mechanics. Special emphasis will be given to historical relationships and the effects on current Western thought. Four class sessions and one laboratory each week.

Attributes: WK Fundamental Science

PHY 1121: PHYSICS FOR SCIENCE AND ENGINEERING (5) [Offerings](#)

In this course, students will explore foundational ideas of motion, force, and energy through a discussion-based, exploratory approach. Emphasis will be placed on the development of the student's identity as a scientist and on building representations to model physical phenomena. All class sessions will involve active participation of the student in the process of constructing and refining scientific ideas through discussion and experimentation.

Attributes: WK Fundamental Science **Prerequisites:** MAT 1234 can be taken concurrently: D or better

PHY 1122: PHYSICS FOR SCIENCE AND ENGINEERING (5) [Offerings](#)

In this course, students will explore foundational ideas of rotation, heat and fluids through a discussion-based, exploratory approach. Emphasis will be placed on the development of the student's identity as a scientist and on building representations to model physical phenomena. All class sessions will involve active participation of the student in the process of constructing and refining scientific ideas through discussion and experimentation.

Prerequisites: PHY 1121: D or better AND MAT 1234: D or better

PHY 1123: PHYSICS FOR SCIENCE AND ENGINEERING (5) [Offerings](#)

In this course, students will explore foundational ideas of waves, optics and electricity through a discussion-based, exploratory approach. Emphasis will be placed on the development of the student's identity as a scientist and on building representations to model physical phenomena. All class sessions will involve active participation of the student in the process of constructing and refining scientific ideas through discussion and experimentation.

Prerequisites: PHY 1122: D or better

PHY 1135: ASTRONOMY: INDIVIDUAL AND THE UNIVERSE (5) [Offerings](#)

An integrative general introduction to astronomy, including astronomical observation and measurement, the solar system, extragalactic phenomena and cosmology. Includes the scientific method and worldview implications. (Not recommended for students who have taken NMS 1110).

Attributes: WK Fundamental Science

PHY 1140: THE PHYSICS OF SOUND (5) [Offerings](#)

Fundamentals of simple harmonic motion, nature of sound, transmission and reception of sound, pitch, quality, loudness, musical intervals, diatonic equal tempered scales, musical instruments, acoustics of instruments, acoustics of buildings, modern research in sound and acoustics.

Attributes: WK Fundamental Science

PHY 1142: EARTH SYSTEM SCIENCE (5) [Offerings](#)

An interdisciplinary introduction to the processes, interactions and development of the earth's biosphere, geosphere and hydrosphere. Special emphasis will be given to current environmental issues and environmental stewardship.

Attributes: WK Fundamental Science

PHY 1910: SPECIAL TOPICS IN PHYSICS SEMINAR (1) [Offerings](#)

Provides a direct study of current problems and research areas in physics such as astrophysics, chaos and complexity, particles and fields, and relativity. May be repeated for credit 2 times.

Prerequisites: PHY 1101 can be taken concurrently: D or better OR PHY 1102 can be taken concurrently: D or better OR PHY 1103 can be taken concurrently: D or better OR PHY 1121 can be taken concurrently: D or better OR PHY 1122 can be taken concurrently: D or better OR PHY 1123 can be taken concurrently: D or better

PHY 2010: PHYSICS MCAT PREPARATION (1) [Offerings](#)

This course is intended to augment the introductory physics courses in the specific physics topics which are covered on the MCAT examination. Faculty will serve as resources for a student-directed review of prior MCAT examinations.

Prerequisites: PHY 1103: D or better OR PHY 1123: D or better

PHY 2321: INTERMEDIATE PHYSICS (5) [Offerings](#)

Introduction to the physics of the 20th century: relativity, waves and quanta with applications to areas of contemporary physics such as atoms, nuclei, particles and solids.

Prerequisites: (PHY 1123: D or better OR PHY 1103: D or better)

PHY 2567: DEVELOPMENT OF CONCEPTS IN PHYSICAL SCIENCE I (3) [Offerings](#)

The first in a two-course sequence, this course is a laboratory-based study of selected topics in physical science and earth and space science, including properties, structures, and changes of matter, geometrical optics, and the daily and annual motion of the sun. Emphasis is on depth of understanding, scientific reasoning skills, and the development of pedagogical content knowledge. This course is designed to engage students in the practices of scientists and engineers and models reformed teaching practices that are guided by results from research in science education, cognitive science, and the professional development of teachers. This course is a preparation for teaching K-8 physical science based on the next Generation Science Standards.

Attributes: WK Applied Science

PHY 2568: DEVELOPMENT OF CONCEPTS IN PHYSICAL SCIENCE II (4) [Offerings](#)

The second in a two-course sequence, this course is a laboratory-based study of selected topics in physical science and earth and space science, including force and motion, energy transfer and transformation, phases of the moon, and geological systems. Emphasis is on depth of understanding, scientific reasoning skills, and the development of pedagogical content knowledge. This course is designed to engage students in the practices of scientists and engineers and models reformed teaching practices that are guided by results from research in science education, cognitive science, and the professional development of teachers. This course is a preparation for teaching K-8 physical science based on the next Generation Science Standards.

Attributes: WK Applied Science **Prerequisites:** PHY 2567: D or better

PHY 2950: SPECIAL TOPICS IN PHYSICS (1-5) [Offerings](#)

A course studying a special interest topic in physics and physical science. Topics and credits may vary between offerings. May be repeated for credit up to 15 credits.

PHY 3011: GLOBAL CLIMATE CHANGE: SCIENTIFIC, SOCIAL AND MORAL IMPLICATIONS (5) [Offerings](#)

Understanding human influences on the Earth's climate is one of the most exciting scientific challenges of our time. We have learned a tremendous amount about our planet but the complexity of climate prevents us from making precise predictions. The majority of climate scientists agree that dramatic action may be needed very soon, yet effective responses could radically alter our lifestyles and economic systems. In this course we will engage with the complexity of climate science and energy policy. We will work together to construct strategies for reducing greenhouse gas emissions and we will critically consider the implications of these strategies. This course will be project based with a strong emphasis on specific, tangible actions to address the challenge of climate change in a manner that is sustainable and equitable.

Attributes: Upper-Division, Ways of Engaging

PHY 3110: MECHANICAL MODELING AND ANALYSIS (3) [Offerings](#)

This course will introduce students to tools, techniques and strategies for analyzing complex mechanical phenomena. Students will use sensors and video to collect force and motion data from real systems. Theory, mathematical and computational methods will be used to develop semi-empirical models for physical systems. Topics covered may include: velocity dependent forces, oscillations, vector force fields, orbital mechanics, non-inertial reference frames, and Lagrangian mechanics.

Attributes: Upper-Division **Prerequisites:** MAT 3237: D or better AND PHY 1123: D or better

PHY 3137: GREECE/GENEVA STUDY ABROAD: CONTEMPORARY PHYSICS & EASTERN CHRISTIANITY (5)Offerings

Engages students in the examination of multiple perspectives in the contemporary so-called faith-science culture wars through a scientific account of cosmological origins and the structure of matter at very small and very large scales on one hand, and engagement with a Greek Orthodox Christian worldview on the other. Students in small learning groups are immersed in the complexities of the issues and evaluate different responses to them than those often offered in the Christian West.

Attributes: Upper-Division, Ways of Engaging **Restrictions:** Freshman, Sophomore students are excluded.

PHY 3211: ACOUSTICS (5) Offerings

EGR 3500 is a preferred prerequisite. A first course for engineering and physics students in the field of Acoustics and Noise Control Engineering. This course will cultivate a foundational understanding of fundamental acoustical principles such as simple harmonic oscillators, lumped element analysis, sound fields in bounded and unbounded spaces, human response to noise, and environmental and safety issues. Applications will include Helmholtz resonators, loudspeaker enclosures, room acoustics, environmental noise, and HVAC noise and vibration control.

Equivalents: EGR 3211 **Attributes:** Upper-Division **Prerequisites:** (PHY 1101: C- or better AND PHY 1102: C- or better AND PHY 1103: C- or better) OR (PHY 1121: C- or better AND PHY 1122: C- or better AND PHY 1123: C- or better) AND MAT 3237: C- or better AND MAT 3238: C- or better **Fees:** Contemp Music Ctr - CCCU Fees

PHY 3311: EXPERIMENTAL METHODS I (3) Offerings

In this course students will be introduced to advanced methods, tools and cognitive tasks required for contemporary scientific investigation and experimental research. Students will participate collaboratively in the design and implementation of benchtop research projects in physics and related fields. Students will use computers for collecting, analyzing and modeling experimental data. Special emphasis will be given to strategies for constructing and testing quantitative models for physical phenomena.

Equivalents: EGR 3311 **Attributes:** Upper-Division, WK Applied Science, Writing "W" Course **Prerequisites:** PHY 1103 can be taken concurrently: D or better OR PHY 1123 can be taken concurrently: D or better **Fees:** Engineering Materials Fee

PHY 3312: EXPERIMENTAL METHODS II (3) Offerings

In this course students will build on knowledge and skills developed in Research Methods I in order to gain greater ownership of the strategies required for autonomous experimental research. Students will participate collaboratively in the process of forming their own research questions and constructing a plan for investigating these questions. Students will use computers for collecting, analyzing and modeling experimental data.

Attributes: Upper-Division, WK Applied Science, Writing "W" Course **Prerequisites:** PHY 3311: D or better

PHY 3313: EXPERIMENTAL METHODS III (3) Offerings

In this course students will build on knowledge and skills developed in Research Methods I & II in order to take full ownership of an autonomous laboratory investigation. Students will participate collaboratively in the processes of: forming a focused research question, writing and refining a research proposal, constructing, testing, calibrating and modifying experimental apparatus, developing and executing data collection and analysis protocols, and synthesizing and presenting research findings.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** PHY 3312: D or better

PHY 3315: ELECTRICITY AND MAGNETISM I (3) Offerings

The first of a two-course sequence, this course studies electrostatics, magnetostatics, boundary conditions, electromagnetic waves, and introduction to applications.

Equivalents: EE 3315 **Attributes:** Upper-Division **Prerequisites:** MAT 3238: D or better AND (PHY 1103: D or better OR PHY 1123: D or better) **Fees:** Engineering Materials Fee

PHY 3340: QUANTUM MECHANICS I (3) Offerings

The first of a two-course sequence, this course studies basic wave mechanics, quantum mechanical operators, dynamics of the wave function, traveling waves, and bound states.

Attributes: Upper-Division **Prerequisites:** PHY 2321: D or better AND MAT 3237: D or better

PHY 3401: THERMAL AND STATISTICAL PHYSICS (3) Offerings

This is the second course of a two course sequence and studies heat, thermodynamics, elementary kinetic theory, and statistical physics.

Attributes: Upper-Division **Prerequisites:** EGR 3500: D or better **Fees:** Physics Materials Fee

PHY 3700: MATHEMATICAL METHODS FOR PHYSICS AND ENGINEERING (3) Offerings

This class studies Fourier series, Laplace's equations, separation of variables, boundary value problems, Lorentz transforms and Hamiltonian mathematics. . Typically offered: Alternate Years.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** MAT 3237: D or better AND MAT 3238: D or better

PHY 4101: ASTROPHYSICS OF STARS (5) Offerings

Introduction to stars (physical and observational), hydrodynamics of self-gravitating fluids, statistical mechanics and equations of state, energy transport, astrophysical nuclear reactions, stellar models, advanced topics. Typically offered: Varies.

Attributes: Upper-Division **Prerequisites:** MAT 3237: D or better AND PHY 1123: D or better

PHY 4242: ATMOSPHERIC SCIENCE (2-5) Offerings

Studies structure and composition of the atmosphere, radiative and convective processes: dynamics and distribution of the atmosphere; cloud physics; introduction to climatology and the upper atmosphere. Typically offered: Varies.

Attributes: Upper-Division **Prerequisites:** (PHY 1103: D or better OR PHY 1123: D or better) AND MAT 3237: D or better

PHY 4311: OPTICS AND LASERS (5) Offerings

General theory of geometrical optics, physical optics, fiber optics and optical devices. Lectures and laboratory each week. Typically offered: Alternate Years.

Equivalent: EE 4311 **Attributes:** Upper-Division **Prerequisites:** PHY 1103: D or better OR PHY 1123: D or better

PHY 4315: ELECTRICITY AND MAGNETISM II (3) Offerings

The second of a two-course sequence, this course continues the study of electrostatics, magnetostatics, boundary conditions, electromagnetic waves, and is an introduction to applications such as skin effect, reflections, waveguides, antennas and optics. Includes computer and laboratory experiments.

Attributes: Upper-Division **Prerequisites:** (PHY 3315: D or better OR EE 3315: D or better)

PHY 4340: QUANTUM MECHANICS II (3) Offerings

The second of a two-course sequence, this course is a continuation of the study of basic wave mechanics, quantum mechanical operators, dynamics of the wave functions, traveling waves, and bound states.

Attributes: Upper-Division **Prerequisites:** PHY 3340: D or better

PHY 4515: SCIENCE TEACHING IMMERSION EXPERIENCE (1-3) [Offerings](#)

Taught collaboratively by university faculty and experienced K-12 teachers, this course provides an immersion experience into teaching and learning at the precollege level. Course project(s) include adaptation of a physics or physical science lesson/unit, its implementation in the classroom and the assessment of learning outcomes and/or student engagement. May be repeated for credit up to 6 credits.

Attributes: Upper-Division

PHY 4520: PREPARING TO TEACH (2) [Offerings](#)

Preparation for teaching across the curriculum using instructional materials that have been guided by results from education research. Includes supervised teaching practicum. May be repeated for credit 5 times.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

PHY 4899: NATURAL SCIENCES SEMINAR (1) [Offerings](#)

A capstone experience for seniors that explores current natural sciences topics in an interdisciplinary setting. Seminars addressing current research advances, ethical issues in science or the intersection of science, vocation and Christian faith are presented by faculty, students and guest scholars. Discussion and reflection incorporate appropriate readings. A minimum of two quarters of seminar must be completed during the senior year to fulfill the senior capstone requirement. May be repeated for credit 3 times.

Equivalents: CHM 4899, BIO 4899 **Attributes:** Upper-Division **Restrictions:** Physics Majors only. Post-Baccalaureate, Senior students only. **Prerequisites:** PHY 2321: D or better

PHY 4900: INDEPENDENT STUDY (1-5) [Offerings](#)

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 5 credits.

Attributes: Upper-Division

PHY 4905: INDEPENDENT STUDY IN PHYSICS (1-5) [Offerings](#)

The area of study to be mutually agreed upon by the student and a physics faculty member. May be repeated for credit up to 5 credits.

Attributes: Upper-Division

PHY 4930: PHYSICS PRACTICUM (1-5) [Offerings](#)

Physics Practicum May be repeated for credit up to 5 credits.

Attributes: Upper-Division

PHY 4940: INTERNSHIP IN PHYSICS (1-5) [Offerings](#)

Provides a significant learning experience to be obtained in a closely supervised work-study program. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

PHY 4950: SPECIAL TOPICS IN PHYSICS (1-5) Offerings

An advanced course studying a special interest topic in physics and physical science. Topics and credits may vary between offerings. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Biology, Chemistry, Computer Science, Engineering Science, Mathematics, Physics Majors only. Freshman students are excluded.

PHY 4970: UNDERGRADUATE RESEARCH (1-5) Offerings

Independent research directed toward satisfaction of requirement of senior project for graduation with major in physics. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Junior, Sophomore students are excluded. **Prerequisites:** PHY 3313: D or better

Spanish

[SPN 1000](#) | [SPN 1100](#) | [SPN 1101](#) | [SPN 1102](#) | [SPN 1103](#) | [SPN 2000](#) | [SPN 2100](#) | [SPN 2101](#) | [SPN 2102](#) | [SPN 2103](#) | [SPN 2111](#) | [SPN 2112](#) | [SPN 2113](#) | [SPN 2201](#) | [SPN 3100](#) | [SPN 3101](#) | [SPN 3110](#) | [SPN 3111](#) | [SPN 3120](#) | [SPN 4000](#) | [SPN 4100](#) | [SPN 4105](#) | [SPN 4401](#) | [SPN 4501](#) | [SPN 4899](#) | [SPN 4900](#) | [SPN 4920](#) | [SPN 4930](#) | [SPN 4940](#)

SPN 1000: LATIN AMERICAN STUDIES PROGRAM: ELEMENTARY SPANISH LANGUAGE STUDY (9) Offerings

Prerequisite: Acceptance into the Latin American Studies Program. As a Latin American Studies participant, you study Spanish not only in the classroom, but also on the street, in your home, in your service opportunity and during travel throughout Latin America. Students come to Costa Rica with varying degrees of fluency in Spanish, so LASP places you in the Spanish class that corresponds to your level of oral and written proficiency based on the placement exam and interview you will receive during orientation. You will study grammar, conversation and/or literature, based on the results of your tests.

Restrictions: Undergraduate only.

SPN 1100: ELEMENTARY SPANISH (1-5) Offerings

Study Abroad.

SPN 1101: ELEMENTARY SPANISH I (5) Offerings

Develops skill in understanding, speaking, reading, and writing the Spanish language. Investigates Spanish culture and its relationship to the language.

Attributes: Foreign Language Comp

SPN 1102: ELEMENTARY SPANISH II (5) Offerings

Develops skill in understanding, speaking, reading, and writing the Spanish language. Investigates Spanish culture and its relationship to the language.

Attributes: Foreign Language Comp **Prerequisites:** SPN 1101: D or better OR Proficiency Spanish: 18 or better

SPN 1103: ELEMENTARY SPANISH III (5) Offerings

Develops skill in understanding, speaking, reading, and writing the Spanish language. Investigates Spanish culture and its relationship to the language.

Attributes: Foreign Language Comp **Prerequisites:** SPN 1102: D or better OR Proficiency Spanish: 25 or better

SPN 2000: LATIN AMERICAN STUDIES PROGRAM: INTERMEDIATE SPANISH LANGUAGE STUDY (9) Offerings

Prerequisite: Acceptance into the Latin American Studies Program. As a Latin American Studies participant, you study Spanish not only in the classroom, but also on the street, in your home, in your service opportunity and during travel throughout Latin America. Students come to Costa Rica with varying degrees of fluency in Spanish, so LASP places you in the Spanish class that corresponds to your level of oral and written proficiency based on the placement exam and interview you will receive during orientation. You will study grammar, conversation and/or literature, based on the results of your tests.

Restrictions: Undergraduate only.

SPN 2100: INTERMEDIATE SPANISH (1-5) Offerings

Study Abroad.

Attributes: Foreign Language Comp

SPN 2101: INTERMEDIATE SPANISH I (5) Offerings

Review and consolidation of first-year Spanish; focuses on grammar and begins cultural readings.

Attributes: WK Humanities **Prerequisites:** SPN 1103: D or better OR Foreign Language Exempt: EXMPT or better OR Proficiency Spanish: 31 or better OR Foreign Language Complete: C or better

SPN 2102: INTERMEDIATE SPANISH II (5) Offerings

Builds on SPN 2101; more and longer readings geared toward Hispanic cultures.

Attributes: WK Humanities **Prerequisites:** Foreign Language Complete: C or better OR Foreign Language Exempt: EXMPT or better OR SPN 2101: D or better

SPN 2103: INTERMEDIATE SPANISH III (5) Offerings

Builds on SPN 2102; focuses on Hispanic cultures through conversation and provides an introduction to Spanish literature through short compositions.

Attributes: WK Humanities **Prerequisites:** SPN 2102: D or better OR Foreign Language Exempt: EXMPT or better OR Foreign Language Complete: C or better

SPN 2111: INTERMEDIATE SPANISH 1 FOR HERITAGE SPEAKERS (5) Offerings

Spanish for Heritage Speakers who already know the content of the Elementary sequence, but would benefit from additional work on speaking, listening, reading and writing Spanish. Typically offered: Autumn.

Attributes: WK Humanities **Prerequisites:** SPN 1103: D or better OR Foreign Language Exempt: EXMPT or better OR Proficiency Spanish: 31 or better OR Foreign Language Complete: C or better

SPN 2112: INTERMEDIATE SPANISH 2 FOR HERITAGE SPEAKERS (5) Offerings

Spanish for Heritage speakers who already know the content of the Elementary sequence, but would benefit from additional work on speaking, listening, reading and writing Spanish. Typically offered: Winter.

Attributes: WK Humanities **Prerequisites:** SPN 2111: D or better OR Foreign Language Exempt: EXMPT or better OR Proficiency Spanish: 31 or better OR Foreign Language Complete: C or better

SPN 2113: INTERMEDIATE SPANISH 3 FOR HERITAGE SPEAKERS (5) Offerings

Spanish for Heritage Speakers who already know the content of the Elementary sequence, but would benefit from additional work on speaking, listening, reading and writing Spanish. Typically offered: Spring.

Attributes: WK Humanities **Prerequisites:** SPN 2112: D or better OR Foreign Language Exempt: EXMPT or better OR Proficiency Spanish: 31 or better OR Foreign Language Complete: C or better

SPN 2201: LATIN AMERICAN CIVILIZATION AND CULTURE (5) Offerings

An overview of Latin American civilization and culture, with emphasis on marginalized populations; focuses also on Hispanics in the

United States. Taught in English.

Attributes: WK Humanities **Restrictions:** Freshman students are excluded.

SPN 3100: ADVANCED SPANISH (1-5) [Offerings](#)

Study Abroad.

Attributes: Foreign Language Comp, Upper-Division

SPN 3101: ADVANCED SPANISH (5) [Offerings](#)

A systematic review of Spanish grammar. May be repeated for credit 2 times.

Attributes: Upper-Division **Prerequisites:** SPN 2103: D or better

SPN 3110: COMPOSICION Y CONVERSACION (5) [Offerings](#)

Focuses on the development of spontaneous conversation skills through news articles, songs and other media. May be repeated for credit 1 time.

Attributes: Upper-Division **Prerequisites:** SPN 2103: D or better

SPN 3111: SPANISH FOR CHRISTIAN MINISTRY (3) [Offerings](#)

Develops biblical and theological literacy in Spanish through reading, listening, writing, and cultural practices. Will emphasize basic vocabulary on the books of the Bible, toponyms, Bible characters, and common themes such as salvation, sanctification, and glorification within the broader context of the Bible, and religious syncretism and liberation theology within the cultural context of Latin America. The contributions of outstanding Hispanic Christian leaders, authors, and artists to the *missio Dei* will be considered, as well as different styles of worship throughout the Spanish-speaking world. Common destinations for occasional mission work in the Hispanic world will be integrated.

Attributes: Upper-Division

SPN 3120: CIVILIZACION Y CULTURA (5) [Offerings](#)

Explores the many facets of Spanish-speaking cultures in the Iberian peninsula and Latin America from a historical perspective. Uses Spanish as the language for research, lecture and discussion. May be repeated for credit 1 time.

Attributes: Upper-Division

SPN 4000: LATIN AMERICAN STUDIES PROGRAM: ADVANCED SPANISH LANGUAGE STUDY (9) [Offerings](#)

Prerequisite: Acceptance into the Latin American Studies Program. As a Latin American Studies participant, you study Spanish not only in the classroom, but also on the street, in your home, in your service opportunity and during travel throughout Latin America. Students come to Costa Rica with varying degrees of fluency in Spanish, so LASP places you in the Spanish class that corresponds to your level of oral and written proficiency based on the placement exam and interview you will receive during orientation. You will study grammar, conversation and/or literature, based on the results of your tests.

Attributes: Upper-Division

SPN 4100: INTENSIVE SPANISH (1-5) [Offerings](#)

European Quarter or Salamanca program only.

Attributes: Upper-Division

SPN 4105: LITERATURE SURVEY: GOLDEN AGE (5) Offerings

Focuses on poetry and works by mystics and secular poets; satire and humor of 16th and 17th century Spain.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** SPN 3101: D or better

SPN 4401: TOPICS IN SPANISH LITERATURE (5) Offerings

Examines canonical texts from a variety of critical frameworks, including form, structure, themes, and discursivity. Emphasis varies from quarter to quarter. Taught in Spanish and occasionally in English. Typically offered: Alternate Years. May be repeated for credit 1 time.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** SPN 3101: D or better

SPN 4501: TOPICS IN LATIN AMERICAN LITERATURE (5) Offerings

Examines canonical texts in Latin American literature from a variety of critical frameworks, including form, structure, themes, and discursivity. Emphasis varies from quarter to quarter. Taught in Spanish and occasionally in English. Typically offered: Alternate Years. May be repeated for credit 1 time.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** SPN 3101: D or better

SPN 4899: LATIN AMERICAN CAPSTONE SEMINAR (3) Offerings

This capstone course focuses on issues of language, culture and politics related to the Latin American Studies - Spanish major.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.

SPN 4900: INDEPENDENT STUDY (1-10) Offerings

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

SPN 4920: INDEPENDENT READINGS SPANISH (1-5) Offerings

Independent Readings Spanish May be repeated for credit up to 10 credits.

Attributes: Upper-Division

SPN 4930: SPANISH TUTORIAL PRACTICUM (1-6) Offerings

For advanced students who wish to assist in 1000-level Spanish classes. May be repeated for credit up to 6 credits.

Attributes: Upper-Division

SPN 4940: INTERNSHIP (1-10) Offerings

Provides opportunity for practical application of Spanish language skills. May be repeated for credit up to 10 credits.

Attributes: Upper-Division

Russian

RUS 4900

RUS 4900: INDEPENDENT STUDY (1-5) Offerings

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

Social Justice/Cultrl Studies

[SJC 1000](#) | [SJC 3382](#) | [SJC 3383](#) | [SJC 3510](#) | [SJC 4899](#) | [SJC 4940](#)

SJC 1000: INTRODUCTION TO JUSTICE, EQUITY, AND CULTURAL STUDIES (5) [Offerings](#)

This course will introduce students to key questions, ideas, and figures that shape cultural studies as an interdisciplinary field. Drawing from this framework, students will begin to explore how histories, theories, and practices inform an understanding of equity in contemporary societies and explore ways literature, film, art, religion, and scholarship can begin to work towards liberation.

SJC 3382: SOUTH AFRICA: STAGES OF PROTEST AND DEMOCRACY (5) [Offerings](#)

This study abroad course will analyze protest narratives, ranging from popular and award-winning works like J. M. Coetzee's *Age of Iron* and Trevor Noah's *Born a Crime* to performances of AIDS survivors and state narratives intended to avoid civil war and attempt transitional justice. Typically offered: Occasionally.

Equivalents: ENG 3382 **Attributes:** Cultural Understand&Engagement, Upper-Division, Ways of Engaging

SJC 3383: ARAB SPRING: GENDER, ISLAM, DEMOCRACY (5) [Offerings](#)

This study abroad course will analyze how gender and religion are critical components to recent democratic movements in Islamic countries. Students will read articles on economic challenges, local women's movements, and historical connections between Christian and Muslim regions, such as Spain and Morocco, as well as Moroccan women writers such as Fatima Mernissi and Laila Lalami. Typically offered: Alternate Years.

Equivalents: ENG 3383 **Attributes:** Cultural Understand&Engagement, Upper-Division, Ways of Engaging, Writing "W" Course

SJC 3510: THEOLOGY, CULTURE, AND SOCIETY (5) [Offerings](#)

Focuses on the public dimension of Christian life. How ought Christians to engage their culture? How do we insure that such engagement is truly Christian? Addresses several social issues of special concern to the contemporary church, such as race relations, war and peace, and the separation of church and state.

Equivalents: THEO 3510 **Attributes:** Upper-Division

SJC 4899: RACE, REPRESENTATION, AND LAW (5) [Offerings](#)

In this capstone, students will draw upon the theory, methodologies and practices learned through out the major to examine the connections between law, policy, cultural representation and ideologies. Students will be asked to think about strategies that promote social justice and equity.

Attributes: Upper-Division **Restrictions:** Soc Justice/Cultural Studies Majors, Minors, Concentrations only. Junior, Senior students only.

SJC 4940: INTERNSHIP (1-5) [Offerings](#)

Provides opportunities to gain practical experience in social justice and cultural work. Internships are strongly encouraged for all Social Justice and Cultural Studies majors as they begin exploring their vocational tracks. May be repeated for credit up to 6 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

Psychology

[PSY 1180](#) | [PSY 1181](#) | [PSY 1200](#) | [PSY 2200](#) | [PSY 2210](#) | [PSY 2220](#) | [PSY 2360](#) | [PSY 2361](#) | [PSY 2402](#) | [PSY 2422](#) | [PSY 2470](#) | [PSY 3060](#) | [PSY 3200](#) | [PSY 3360](#) | [PSY 3388](#) | [PSY 3410](#) | [PSY 3438](#) | [PSY 3439](#) | [PSY 3442](#) | [PSY 3448](#) | [PSY 3460](#) | [PSY 3465](#) | [PSY 3475](#) | [PSY 3480](#) | [PSY 3485](#) | [PSY 3588](#) | [PSY 3700](#) | [PSY 3800](#) | [PSY 4100](#) | [PSY 4101](#) | [PSY 4102](#) | [PSY 4103](#) | [PSY 4104](#) | [PSY 4105](#) | [PSY 4106](#) | [PSY 4107](#) | [PSY 4110](#) | [PSY 4400](#) | [PSY 4428](#) | [PSY 4430](#) | [PSY 4470](#) | [PSY 4485](#) | [PSY 4488](#) | [PSY 4899](#) | [PSY 4900](#) | [PSY 4910](#) | [PSY 4930](#) | [PSY 4940](#) | [PSY 4970](#)

PSY 1180: GENERAL PSYCHOLOGY: INDIVIDUAL IN GROWTH (5) Offerings

General psychology introduces students to the scientific study and assessment of mental processes and behavior. The course is a survey of the diverse field of psychology, which includes an overview of the major sub-fields of the discipline. Topics include: a brief history of psychology, the physiological foundations of behavior, sensation and perception, psychological development throughout the lifespan, learning theory, motivation and emotion, personality theory, social psychology, abnormal psychology, and treatment of psychological disorders. Readings and class discussions will consider the interplay between psychology and faith. Additionally, the science of psychology and its ways of knowing will be explored throughout the quarter with writing assignments and a research requirement.

Attributes: WK Social Sciences

PSY 1181: GENERAL PSYCHOLOGY: A HEALTH SCIENCES APPROACH (5) Offerings

With an intentional focus on the behavioral and social sciences competencies expected within the health sciences, this course introduces students to the scientific study and assessment of mental processes and behavior. The course is a survey of the diverse field of psychology, which includes an overview of the major sub-fields of the discipline. Topics include: a brief history of psychology, the physiological and biological foundations of behavior, sensation and perception, psychological development throughout the lifespan, learning theory, motivation and emotion, personality theory, social psychology, abnormal psychology, and the biological underpinnings of psychological disorders as well as treatment. Readings and class discussions will consider the interplay between psychology, biology, and faith. Additionally, the science of psychology and its ways of knowing will be explored throughout the quarter with interactive activities/assignments and a research requirement.

Attributes: WK Social Sciences

PSY 1200: PSYCHOLOGY AS VOCATION (1) Offerings

Provides an overview of the various career paths in psychology within the context of the concept of vocation, for the purpose of helping students discern their calling in psychology and psychology-related fields. Major topics are specialization within the sub-disciplines of psychology and preparation for those sub-disciplines, including volunteer or research experience, testing requirements, the application process, and necessary education or coursework. In addition to describing the practical aspects of the different sub-disciplines of psychology, the course will address the meaning of calling and vocation and the implications of being called to serve one's community as a psychologist. This course is required of all psychology majors, but is open to any student interested in psychology.

Prerequisites: PSY 1180 can be taken concurrently: C- or better

PSY 2200: COMMUNITY PSYCHOLOGY (5) Offerings

Community Psychology seeks to identify, assess, and remedy social, behavioral, and mental health issues that arise within a social context. This course will provide an introduction to how social systems cause or contribute to social problems and mental health issues. Special attention will be paid to the influence of social systems on counseling, clinical, and social services outcomes. The course will also include an overview of how social action programs, community mental health, and changes in public policy can improve social services and behavioral and mental health outcomes. The course will cover topics such as: social oppression, health inequalities, ecological perspective, cross-cultural competence, empowerment, social action, and community service.

Prerequisites: PSY 1180: C- or better

PSY 2210: HEALTH PSYCHOLOGY (5) [Offerings](#)

This course will provide an introduction to the field of Health Psychology. The course will include an overview of how medical issues can impact psychological function as well as how psychological functioning can impact medical health outcomes. The course will cover topics such as: theories or models of health behavior change, emotional health and illness, cancer, and chronic pain. In addition, a review of current health care systems and health policy as they influence mental and physical health outcomes will be discussed.

Prerequisites: PSY 1180: C- or better

PSY 2220: SPORTS PSYCHOLOGY (5) [Offerings](#)

This course will provide an introduction to the field of Sports Psychology. The course will include an overview of how psychological factors can impact the performance and well-being of athletes and teams. The course will cover topics such as: motivation and feedback, self-confidence, competition, anxiety and arousal, effective communication, team dynamics, leadership, and goal setting. In addition, a review of issues related to sports and mental health, aggressive behavior, and character development will be discussed.

Prerequisites: PSY 1180: C- or better

PSY 2360: INTRODUCTION TO STATISTICS IN SOCIAL AND BEHAVIORAL SCIENCES (5) [Offerings](#)

Presents an introduction to data analysis and research in social and behavioral science. Explores, at an introductory level, descriptive and inferential statistics (e.g., correlation, regression, hypothesis testing, chi-square, experimental / ANOVA analyses) and research applications of those techniques. An emphasis is placed on analysis and handling of real data, processes of discovery in social and behavioral science, understanding published research, and developing professional skills with statistical software.

Equivalents: CRIM 2360, SOC 2360 **Attributes:** WK Quantitative Reasoning **Restrictions:** Criminal Justice, Psychology, Soc Justice/Cultural Studies, Sociology Majors, Minors, Concentrations only. **Prerequisites:** (PSY 1180: C- or better OR CRIM 1110: C- or better OR SOC 1110: C- or better) AND (Math Placement Level: B or better OR MAT 0145: C- or better)

PSY 2361: RESEARCH EXPERIENCE IN PSYCHOLOGY (1-3) [Offerings](#)

Provides introductory experiences in the conduct of actual empirical research in social and behavioral science. Credit variable up to a maximum of three per term. May be repeated for credit up to 6 credits.

Prerequisites: PSY 1180: C- or better

PSY 2402: PSYCHOLOGY AND CHRISTIAN FAITH (3) [Offerings](#)

This course examines potential relationships between theories of psychological science and Christian theology. A variety of topics will be considered from the perspectives of each discipline. For example, the course will consider psychological theory and research about the self-conscious emotions of guilt and shame, as well as Biblical analyses of these experiences. We will also consider recent insights from trauma theory, religious coping research, and research about spiritual struggle, in light of theological analyses about suffering and Biblical portrayals of anger toward God. Other topics may include the relationship between religion / spirituality and health, as well as the psychology of evil and Christian portrayals of sin.

Prerequisites: PSY 1180: C- or better

PSY 2422: PSYCHOLOGY OF PERSONAL GROWTH AND CIVIC DEVELOPMENT (3) [Offerings](#)

Provides an introduction to principles of human growth and holistic character development, building upon positive psychological research into happiness, well-being, and virtues. Emphasis is on practical application toward personal development that involves

civic engagement with significant social issues.

Prerequisites: PSY 1180: C- or better

PSY 2470: LIFESPAN DEVELOPMENTAL PSYCHOLOGY (5) Offerings

Surveys human development from conception to death, focusing on the interacting processes of physical, cognitive, social, emotional and moral development within social and cultural contexts, including developmental tasks and transitions associated with developmental stages.

Prerequisites: PSY 1180: C- or better

PSY 3060: PRACTICAL STATISTICS: SOFTWARE, ANALYSIS, AND REPORTING (2) Offerings

Presents a review of data analysis and applications of those techniques in social and behavioral science (e.g., correlation, regression, hypothesis testing, chi-square, ANOVA). A primary focus of the course will be using statistical software to manage data, analyze data, and create graphs as well as how to interpret and report results. Typically offered: Autumn, Summer.

Attributes: Upper-Division **Prerequisites:** (Math Placement Level: B or better OR MAT 0145: C- or better) AND (MAT 2360: C- or better OR BUS 2700: C- or better OR SOC 2360: C- or better OR PSY 2360: C- or better)

PSY 3200: LAUNCHING YOUR CAREER: PROFESSIONAL DEVELOPMENT FOR PSYCHOLOGY MAJORS (1)

Offerings

An integrative course designed to help Psychology majors better understand their character and fulfill their calling by strategically using their time in school to successfully research, find, plan for, and launch a professional life after college. Students will identify and learn to articulate their calling, strengths, and skills. Students will then explore career and graduate school options, find candidate careers, and make a step-by-step plan for success. Students will also learn to market themselves successfully, network, write a powerful résumé and cover letter, search for a job or internship, and prepare for interviews for either future positions or graduate schools.

Attributes: Upper-Division **Prerequisites:** PSY 1180: D or better AND PSY 1200: D or better

PSY 3360: PSYCHOLOGICAL DISORDERS (5) Offerings

Examines the history, causes, and symptoms of abnormal behavior with reference to modern methods of assessment and treatment. Emphasizes an interdisciplinary approach to understanding psychological disorders.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** PSY 1180: C- or better

PSY 3388: COMPARATIVE NEUROANATOMY OF BEHAVIOR (5) Offerings

This course introduces the neuroanatomy and functional organization of the brain. It is primarily a hands-on course with students recording from live neurons and dissecting the mammalian brain. These experiences are contextualized with case studies, articles from the scientific literature, and other real-life examples of how the brain is connected to behaviors ranging from muscle movements to emotion.

Attributes: Upper-Division **Prerequisites:** PSY 1180: C- or better

PSY 3410: CROSS-CULTURAL PSYCHOLOGY (5) Offerings

Surveys research and theories on culture and psychology. Focuses on gaining a deeper understanding of Western and non-Western worldviews and their relation to various psychological topics, such as mental health, personality, spirituality, and emotion. Highlights both empirical and experiential approaches to studying cultural issues in psychology.

Attributes: Cultural Understand&Engagement, Upper-Division **Prerequisites:** PSY 1180: C- or better

PSY 3438: SOCIAL PSYCHOLOGY (5) Offerings

Examines human thought, emotion, and behavior in social contexts. Major topics include impression formation, social cognition, attribution, self, attitudes, persuasion, prejudice, conformity, group behavior, aggression, helping, attraction, and interpersonal relationships. SOC 4440 may be substituted for PSY 3438 in the psychology major, although PSY 3438 is the recommended course. Students may not receive credit for both PSY 3438 and SOC 4440.

Equivalents: SOC 4440 **Attributes:** Upper-Division **Prerequisites:** PSY 1180: C- or better

PSY 3439: MOTIVATION AND LEADERSHIP (5) Offerings

Presents the theories and principles of motivation and leadership with practical applications in business, church, community and educational settings.

Equivalents: BUS 3439 **Attributes:** Upper-Division

PSY 3442: PERSONALITY AND INDIVIDUAL DIFFERENCES (5) Offerings

Personality psychology is the study of the individual characteristics that make each person unique. This class will focus on current major theories and research in personality science, which will then be used as a way to understand other topical areas in psychology, such as well-being, emotionality, religiosity, preferences, cognition, and more. Students will have the opportunity to explore personality through application exercises and projects.

Attributes: Upper-Division **Prerequisites:** PSY 1180: C- or better

PSY 3448: TESTS AND MEASUREMENTS IN PSYCHOLOGY (5) Offerings

Explores the nature and use of measurement and evaluation, psychometric theory and standardized testing. Develops concepts and skills in the development, selection, administration and interpretation of psychological and educational tests and nontesting means of evaluation.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** PSY 1180: C- or better AND (PSY 2360: C- or better OR SOC 2360: C- or better)

PSY 3460: CHILD DEVELOPMENTAL PSYCHOLOGY (5) Offerings

Surveys child development from conception through late childhood, focusing on physical, cognitive, social, emotional and moral development. Child development within various social and cultural contexts will be explored. Students will have the opportunity to examine the main theories and concepts in relation to applied challenges and controversies in child development. Finally, students will gain an understanding of various methodologies used to assess child development.

Attributes: Upper-Division **Prerequisites:** PSY 1180: C- or better

PSY 3465: ETHICS IN PRACTICE (5) Offerings

This course will provide an introduction to ethical and legal issues pertaining to the social sciences with specific focus on counseling, clinical, and social services contexts. The course will include an overview of different models of moral responsibility and decision making as well as various codes of conduct or standards of care. The course will cover topics such as: privacy and confidentiality, professional boundaries, multiple relationships, sensitivity to diversity, professional competence, and record keeping.

Attributes: Upper-Division **Prerequisites:** PSY 1180: C- or better AND PSY 3360: C- or better

PSY 3475: ADOLESCENT DEVELOPMENTAL PSYCHOLOGY (5) Offerings

Provides an overview of adolescent development focusing on the interaction of the physical, cognitive, emotional, moral, social

Provides an overview of adolescent development focusing on the interaction of the physical, cognitive, emotional, moral, social, familial, educational and vocational dimensions within social and cultural contexts. Includes an introduction to the observation, measurement and evaluation of adolescents.

Attributes: Upper-Division **Prerequisites:** PSY 1180: C- or better

PSY 3480: ADULT DEVELOPMENTAL PSYCHOLOGY (5) Offerings

Surveys adult development from emerging adulthood to dying and death. Focuses on the interacting processes of physical, cognitive, social, emotional, and moral development within social and cultural contexts, including developmental tasks and transitions associated with adult developmental periods.

Attributes: Upper-Division **Prerequisites:** PSY 1180: C- or better

PSY 3485: CULTURAL DEVELOPMENTAL PSYCHOLOGY (5) Offerings

The course examines the role of culture in human development through current research and examples from around the world. Learn about similarities and cultural differences in human development, and the regularities that explain these variations. Topics include the concept of culture in developmental psychology, diversity in child rearing practices, cultural learning and schooling, development in multicultural contexts, and the influence of technology and social change on development. Students learn to think culturally about their own development and how to apply this knowledge to inform their faith and their future careers in a globalized, multicultural society. Typically offered: Winter.

Attributes: Cultural Understand&Engagement, Upper-Division **Prerequisites:** PSY 1180: C- or better

PSY 3588: PSYCHOLOGICAL RESEARCH METHODS (5) Offerings

Explores the nature of scientific inquiry, the variety of psychological research methods, the design of internally and externally valid studies, and the application to designs of statistical techniques. Develops skills in locating, interpreting and evaluating published research. Students may not receive credit for both SOC 3751 and PSY 3588.

Equivalents: SOC 3751 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Psychology, Sociology Majors only. Freshman students are excluded. **Prerequisites:** PSY 1180: C- or better AND (PSY 2360: C- or better OR SOC 2360: C- or better) OR (MAT 2360: C- or better OR MAT 1360: C- or better)

PSY 3700: LEARNING AND BEHAVIOR (5) Offerings

This course explores the contribution of biological influences on the development of behaviors and the effects of learning on adaptations in behaviors. Topics includes habituation and sensitization, classical conditioning, instrumental or operant conditioning, social learning, stimulus control, foraging and choice, motivation and verbal learning. Course content will be presented using both human and animal research models. Discussion includes biological and neurological explanations of learning and behavior. In addition, special attention will be paid to the relevance of learning principles to applied settings such as education and therapy.

Attributes: Upper-Division **Prerequisites:** PSY 1180: C- or better

PSY 3800: COGNITIVE PSYCHOLOGY (5) Offerings

This course examines mental processes and their relationship to behavior from a cognitive psychology perspective. Topics include sensation and perception, memory, encoding and retrieval, concept formation, choice, decision making, problem solving, language, and metacognition. Course content will be presented using both human and animal research models. Discussion includes biological and neurological explanations of cognitive processes. In addition, special attention will be paid to the application of cognitive processes to therapy.

Attributes: Upper-Division **Prerequisites:** PSY 1180: C- or better

PSY 4100: ADVANCED RESEARCH METHODS: SOCIAL PSYCHOLOGY (5) Offerings

The objective of this course is to further students' knowledge of research methods in psychology by requiring students to conduct ethically sound research with human participants. Students will draw from material learned in previous psychology classes, especially Psychological Research Methods, Introduction to Statistics and Social Psychology to design, implement, and present unique empirical research under the supervision of a psychology faculty member. This course is designed for Seniors who have already applied to graduate. Banner must reflect that the student has applied to graduate by summer of the year they register.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Psychology Majors only. Senior students only.

Prerequisites: PSY 1180: C- or better AND (PSY 3588: C- or better OR SOC 3751: C- or better) AND (PSY 3438: C- or better OR SOC 4440: C- or better)

PSY 4101: ADVANCED RESEARCH METHODS: ANIMAL BEHAVIOR (5) Offerings

The objective of this course is to further students' knowledge of research methods in psychology by requiring students to conduct ethically sound research with nonhuman subjects. Students will draw from material learned in previous psychology classes, especially Psychological Research Methods, Introduction to Statistics, Learning and Behavior, and Cognitive Psychology to design, implement, and present unique empirical research under the supervision of a psychology faculty member. This course is designed for Seniors who have already applied to graduate. Banner must reflect that the student has applied to graduate by summer of the year they register.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Psychology Majors only. Senior students only.

Prerequisites: PSY 1180: C- or better AND PSY 3588: C- or better **Fees:** Psychology Lab Fee

PSY 4102: ADVANCED RESEARCH METHODS: COGNITIVE PSYCHOLOGY (5) Offerings

The objective of this course is to further students' knowledge of research methods in psychology by requiring students to conduct ethically sound research with human participants. Students will draw from material learned in previous psychology classes, especially Psychological Research Methods, Introduction to Statistics and Cognitive Psychology to design, implement, and present unique empirical research under the supervision of a psychology faculty member. This course is designed for Seniors who have already applied to graduate. Banner must reflect that the student has applied to graduate by summer of the year they register.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Psychology Majors only. Senior students only.

Prerequisites: PSY 1180: C- or better AND PSY 3588: C- or better

PSY 4103: ADVANCED RESEARCH METHODS: CROSS-CULTURAL PSYCHOLOGY (5) Offerings

The objective of this course is to further students' knowledge of research methods in psychology by requiring students to conduct ethically sound research with human participants. Students will draw from material learned in previous psychology classes, especially Psychological Research Methods, Introduction to Statistics and Cross Cultural Psychology to design, implement, and present unique empirical research under the supervision of a psychology faculty member. This course is designed for Seniors who have already applied to graduate. Banner must reflect that the student has applied to graduate by summer of the year they register.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Psychology Majors only. Senior students only.

Prerequisites: PSY 1180: C- or better AND PSY 3588: C- or better

PSY 4104: ADVANCED RESEARCH METHODS: PSYCHOLOGY AND CHRISTIAN FAITH (5) Offerings

The objective of this course is to further students' knowledge of research methods in psychology by requiring students to conduct ethically sound research with human participants. Students will draw from material learned in previous psychology classes, especially Psychological Research Methods, Introduction to Statistics and Psychology and Faith to design, implement, and present unique empirical research under the supervision of a psychology faculty member. This course is designed for Seniors who have already applied to graduate. Banner must reflect that the student has applied to graduate by summer of the year they register.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Psychology Majors only. Senior students only.

Prerequisites: PSY 1180: C- or better AND PSY 3588: C- or better

PSY 4105: ADVANCED RESEARCH METHODS: PERSONALITY AND PREFERENCES (5) Offerings

Restricted to Psychology majors who have applied to graduate in the current academic year. The objective of this course is to further students' knowledge of research methods in psychology by requiring students to conduct ethically sound research with human participants. Students will draw from material learned in previous psychology classes, especially Psychological Research Methods, Introduction to Statistics and Personality and Individual Differences, to design, implement, and present unique empirical research under the supervision of a psychology faculty member. This course is designed for Seniors who have already applied to graduate. Banner must reflect that the student has applied to graduate by summer of the year they register.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Psychology Majors only. Freshman, Junior, Sophomore students are excluded. **Prerequisites:** PSY 1180: C- or better AND (PSY 3588: C- or better OR SOC 3751: C- or better) **Fees:** Psychology Lab Fee

PSY 4106: ADVANCED RESEARCH METHODS: DEVELOPMENTAL PSYCHOLOGY (5) Offerings

Restricted to Psychology majors who have applied to graduate in the current academic year. The objective of this course is to further students' knowledge of research methods in psychology by requiring students to conduct ethically sound research with human participants. Students will draw from material learned in previous psychology classes, especially Psychological Research Methods, Introduction to Statistics and the various Developmental Psychology offerings, implement, and present unique empirical research under the supervision of a psychology faculty member. This course is designed for Seniors who have already applied to graduate. Banner must reflect that the student has applied to graduate by summer of the year they register.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Psychology Majors only. Senior students only. **Prerequisites:** PSY 1180: C- or better AND (PSY 3588: C- or better OR SOC 3751: C- or better)

PSY 4107: ADVANCED RESEARCH METHODS: CLINICAL PSYCHOLOGY (5) Offerings

The objective of this course is to further students' knowledge of research methods in psychology by requiring students to conduct ethically sound research with human participants. Students will draw from material learned in previous psychology classes, especially Psychological Research Methods, Introduction to Statistics and the various Clinical/Counseling Psychology offerings, implement, and present unique empirical research under the supervision of a psychology faculty member. This course is designed for Seniors who have already applied to graduate. Typically offered: Autumn.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** PSY 1180: C- or better AND (PSY 3588: C- or better OR SOC 3751: C- or better)

PSY 4110: PSYCHOPHARMACOLOGY (5) Offerings

This course will provide an introduction to the neurobiology of drug action. The course will include an overview of how drugs can be used to treatment various mental and physical health issues. In addition, the course will cover side effects of drug use as well as the effects of substance abuse. The course will cover topics such as: a discussion of various psychoactive agents such as stimulants, sedative/hypnotic, hallucinogens, marijuana, alcohol, over-the-counter drugs, cognitive enhancers, antianxiety, etc. pharmacokinetics, pharmacodynamics, and drug therapy for mental health issues such as depression, schizophrenia, and anxiety.

Attributes: Upper-Division **Prerequisites:** PSY 1180: C- or better

PSY 4400: PSYCHOLOGY AND CHRISTIAN FAITH (5) Offerings

This course examines potential relationships between theories of psychological science and Christian theology. A variety of topics will be considered from the perspectives of each discipline. For example, the course will consider psychological theory and research about the self-conscious emotions of guilt and shame, as well as Biblical analyses of these experiences. We will also consider recent insights from trauma theory, religious coping research, and research about spiritual struggle, in light of theological analyses about suffering and Biblical portrayals of anger toward God. Other topics may include the relationship between religion / spirituality and health, as well as the psychology of evil and Christian portrayals of sin. Typically offered: Spring.

Prerequisites: PSY 1180: C- or better

PSY 4428: ADVANCED STATISTICAL ANALYSIS (5) Offerings

An advanced course in statistical analyses. particularly relevant for students with interests in conducting social and behavioral

an advanced course in statistical analysis, particularly relevant for students with interests in conducting social and behavioral research. Topics include multiple regression, factor analysis and advanced applications of analysis of variance.

Attributes: Upper-Division **Restrictions:** Junior, Post-Baccalaureate, Senior students only. **Prerequisites:** PSY 1180: C- or better AND (PSY 2360: C- or better OR MAT 1360: C- or better)

PSY 4430: DATA ANALYTICS AND STORYTELLING FOR CONSUMER AND SOCIAL SCIENCES (5) Offerings

Learn to apply your research and statistics training by telling data stories. This course equips students with four in-demand data-analysis skills with an emphasis on real-world applications, people and consumer data analytics, and social sciences. Skills include: data 'wrangling' (i.e., manipulating datasets), data visualization (i.e., telling visual stories with data), data dashboards (Tableau), and data storytelling (i.e., how to communicate research data to non-trained audiences). An emphasis will be placed on computer skills such as SQL and R.

Attributes: Upper-Division **Prerequisites:** PSY 2360: C- or better OR SOC 2360: C- or better OR CRIM 2360: C- or better OR BUS 2700: C- or better OR MAT 2700: C- or better OR MAT 2360: C- or better

PSY 4470: COUNSELING THEORY AND PRACTICE (5) Offerings

Provides an overview of the major approaches and techniques of psychological counseling, incorporating research on the process and efficacy of counseling interventions. Incorporates experiential introduction to basic counseling strategies through the use of guided role play with peers.

Attributes: Upper-Division **Prerequisites:** PSY 1180: C- or better

PSY 4485: PSYCHOBIOLOGY OF WOMEN (5) Offerings

Addresses how endocrinology, anatomy and physiology influence female behavior, affect and quality of life during several time segments across the life span. Issues such as the physical and psychological development of the female, the bi-directional relationship between hormones and behavior, pregnancy, childbirth and lactation, and menopause will be addressed in both a physical and social context.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** PSY 1180: C- or better

PSY 4488: BEHAVIORAL NEUROSCIENCE (5) Offerings

The biological bases of behavior are explored through essential concepts in anatomy, physiology, biochemistry and pharmacology within the context of behavioral processes. Introduction to sensation and perception provided. The nervous and endocrine systems are presented as a foundation for behavior.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** PSY 1180: C- or better

PSY 4899: SENIOR SEMINAR IN PSYCHOLOGY (3) Offerings

A capstone experience in psychology integrating psychological theories and research in the context of the liberal arts and the Christian faith.

Attributes: Upper-Division **Restrictions:** Psychology Majors only. Post-Baccalaureate, Senior students only. **Prerequisites:** PSY 1180: C- or better AND (PSY 3588: C- or better OR SOC 3751: C- or better)

PSY 4900: INDEPENDENT STUDY (1-5) Offerings

Students will carry out an extensive exploration of a topic in psychology. Study is under supervision of a psychology faculty member in the Department of Psychology, and builds on previous course preparation in psychology. Objective is to provide greater depth in analysis, synthesis and evaluation of the topic of interest. Substantial reading and writing expected. Credits may not be applied toward the minimum 30 needed to complete the minor. May be repeated for credit up to 15 credits.

applied toward the minimum 30 needed to complete the minor. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** PSY 1180: C- or better

PSY 4910: TOPICAL SEMINAR IN PSYCHOLOGY (1-5) Offerings

Seminar style course designed to consider contemporary and controversial issues in psychology. Typically offered: Varies.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

PSY 4930: PRACTICUM (1-5) Offerings

Practicum May be repeated for credit up to 5 credits.

Attributes: Upper-Division

PSY 4940: INTERNSHIP IN PSYCHOLOGY (1-5) Offerings

Provides psychological field experience in the community. Arrangements with internship sites must occur before the quarter of participation (see www.spu.edu/depts/spfc/undergradpsych/internships/index.asp for further details). The internship must involve learning about application of a specific psychology subfield (e.g. abnormal, developmental, cross-cultural psychology) in community settings. It must be supervised by someone with graduate training in a psychology-related field (or comparable expertise, as permitted by the director of internships). Twenty-five hours of field work will be completed for each credit, with a minimum of 50 total on-site hours required during the first quarter one interns at a particular site. Participation in a biweekly seminar with the faculty director of internships is also required. Credit variable up to a maximum of three per term. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Psychology Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** PSY 1180: C- or better

PSY 4970: INDEPENDENT RESEARCH (1-3) Offerings

Student will carry out empirical research under the supervision of a psychology faculty member and synthesize the findings in a written research report. Objective is to apply skills in research methods and data analysis. Credits may not be applied toward the minimum 30 needed to complete the minor. Credit variable up to a maximum of three per term. May be repeated for credit up to 9 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** PSY 1180: C- or better AND PSY 3588: C- or better AND (PSY 2360: C- or better OR SOC 2360: C- or better)

Music

[MUS 1028](#) | [MUS 1050](#) | [MUS 1051](#) | [MUS 1110](#) | [MUS 1111](#) | [MUS 1113](#) | [MUS 1114](#) | [MUS 1200](#) | [MUS 1250](#) |
[MUS 1251](#) | [MUS 1260](#) | [MUS 1270](#) | [MUS 1271](#) | [MUS 1500](#) | [MUS 1600](#) | [MUS 1800](#) | [MUS 2000](#) | [MUS 2115](#) |
[MUS 2200](#) | [MUS 2201](#) | [MUS 2202](#) | [MUS 2203](#) | [MUS 2204](#) | [MUS 2205](#) | [MUS 2206](#) | [MUS 2207](#) | [MUS 2208](#) |
[MUS 2209](#) | [MUS 2210](#) | [MUS 2211](#) | [MUS 2212](#) | [MUS 2213](#) | [MUS 2214](#) | [MUS 2215](#) | [MUS 2216](#) | [MUS 2217](#) |
[MUS 2218](#) | [MUS 2219](#) | [MUS 2220](#) | [MUS 2221](#) | [MUS 2223](#) | [MUS 2224](#) | [MUS 2225](#) | [MUS 2260](#) | [MUS 2261](#) |
[MUS 2301](#) | [MUS 2304](#) | [MUS 2305](#) | [MUS 2306](#) | [MUS 2307](#) | [MUS 2308](#) | [MUS 2309](#) | [MUS 2310](#) | [MUS 2311](#) |
[MUS 2312](#) | [MUS 2313](#) | [MUS 2340](#) | [MUS 2341](#) | [MUS 2342](#) | [MUS 2350](#) | [MUS 2351](#) | [MUS 2353](#) | [MUS 2360](#) |
[MUS 2402](#) | [MUS 2501](#) | [MUS 2502](#) | [MUS 2503](#) | [MUS 2504](#) | [MUS 2505](#) | [MUS 2550](#) | [MUS 2560](#) | [MUS 2561](#) |
[MUS 2570](#) | [MUS 2605](#) | [MUS 2606](#) | [MUS 2930](#) | [MUS 2936](#) | [MUS 3102](#) | [MUS 3105](#) | [MUS 3110](#) | [MUS 3111](#) |
[MUS 3112](#) | [MUS 3113](#) | [MUS 3114](#) | [MUS 3200](#) | [MUS 3201](#) | [MUS 3202](#) | [MUS 3203](#) | [MUS 3204](#) | [MUS 3205](#) |
[MUS 3300](#) | [MUS 3309](#) | [MUS 3401](#) | [MUS 3402](#) | [MUS 3501](#) | [MUS 3502](#) | [MUS 3503](#) | [MUS 3504](#) | [MUS 3505](#) |
[MUS 3510](#) | [MUS 3608](#) | [MUS 3712](#) | [MUS 3713](#) | [MUS 3931](#) | [MUS 4101](#) | [MUS 4103](#) | [MUS 4201](#) | [MUS 4202](#) |
[MUS 4203](#) | [MUS 4204](#) | [MUS 4205](#) | [MUS 4206](#) | [MUS 4207](#) | [MUS 4208](#) | [MUS 4209](#) | [MUS 4210](#) | [MUS 4211](#) |
[MUS 4212](#) | [MUS 4213](#) | [MUS 4214](#) | [MUS 4215](#) | [MUS 4216](#) | [MUS 4217](#) | [MUS 4218](#) | [MUS 4219](#) | [MUS 4220](#) |
[MUS 4221](#) | [MUS 4223](#) | [MUS 4224](#) | [MUS 4225](#) | [MUS 4226](#) | [MUS 4230](#) | [MUS 4231](#) | [MUS 4232](#) | [MUS 4233](#) |
[MUS 4234](#) | [MUS 4235](#) | [MUS 4236](#) | [MUS 4237](#) | [MUS 4238](#) | [MUS 4239](#) | [MUS 4301](#) | [MUS 4304](#) | [MUS 4305](#) |
[MUS 4306](#) | [MUS 4307](#) | [MUS 4308](#) | [MUS 4309](#) | [MUS 4310](#) | [MUS 4311](#) | [MUS 4312](#) | [MUS 4313](#) | [MUS 4340](#) |
[MUS 4341](#) | [MUS 4342](#) | [MUS 4350](#) | [MUS 4351](#) | [MUS 4353](#) | [MUS 4360](#) | [MUS 4402](#) | [MUS 4501](#) | [MUS 4777](#) |
[MUS 4802](#) | [MUS 4803](#) | [MUS 4897](#) | [MUS 4898](#) | [MUS 4900](#) | [MUS 4910](#) | [MUS 4930](#) | [MUS 4931](#) | [MUS 4936](#) |
[MUS 4941](#) | [MUS 4942](#) | [MUS 4943](#) | [MUS 4944](#) | [MUS 4950](#) | [MUS 4960](#)

MUS 1028: CHAMBER MUSIC WORKSHOP (2-3) Offerings

Concentrated studies on the performance practice and historic background of instrumental chamber music for strings, winds instruments, and piano. Participants will develop playing and rehearsal skills by rehearsing and performing chamber music repertoire in master classes, recitals, and evening concerts. The course is designed for advanced high school and university instrumental players. Typically offered: Summer Quarter. May be repeated for credit up to 6 credits.

MUS 1050: FUNDAMENTALS OF MUSIC (3) Offerings

Open to all interested students, this basic course in fundamentals of tonal music is designed to develop competencies in the reading and writing of notes, scales, key signatures, intervals, chords, and rhythmic elements. It is intended for the student with limited musical knowledge or the student who wishes to prepare for the music theory sequence.

Attributes: WK Arts

MUS 1051: AURAL SKILLS FUNDAMENTALS (2) Offerings

Introduces the basics of sight singing, melodic and rhythmic dictation, and kinesthetic/conducting. Required for all music majors and minors. No previous skill or knowledge required.

MUS 1110: MUSIC THEORY I: INTRODUCTION TO DIATONIC HARMONY (3) Offerings

Introduces diatonic tonal harmony, counterpoint, and beginning linear and vertical analysis. Required for music majors and minors.

Prerequisites: MUS 1050: C- or better

MUS 1111: MUSIC THEORY II: INTRODUCTION TO CHROMATIC HARMONY (3) Offerings

Introduces Chromatic harmony, and beginning linear and vertical analysis. Required for music majors and minors.

Prerequisites: (MUS 1110: C- or better OR MUS 1104: C- or better)

MUS 1113: AURAL SKILLS I (2) Offerings

Continues to study sight singing, melodic and rhythmic dictation, and kinesthetic/conducting. The emphasis of this course is on triadic harmony and rhythmic subdivision. Required for music majors and minors.

Prerequisites: MUS 1051: C- or better

MUS 1114: AURAL SKILLS II (2) Offerings

Continues to study sight singing, melodic and rhythmic dictation, and kinesthetics/conducting. Emphasis on triadic harmony and rhythmic subdivision. Required for music majors and minors.

Prerequisites: (MUS 1113: C- or better OR MUS 1107: C- or better)

MUS 1200: CULTURAL ENGAGEMENT THROUGH MUSIC (5) Offerings

How are artists using music to shape society and how is society influencing what we are listening to? This course will explore how music - listening, creating, performing - is a lens for discovering and interpreting our own culture and those around us. Topics of discussion to include (but not limited to) race, gender, mental health, class & socio-economics, human trafficking, immigration, violence/war, politics and technology.

Attributes: Cultural Understand&Engagement **Restrictions:** Undergraduate only.

MUS 1250: BEGINNING KEYBOARD CLASS (2) Offerings

For students with no previous keyboard experience. Ability to read music is not necessary. Emphasis is on note-reading, basic theory, chord usage, and technical development. May be repeated an unlimited number of times.

Attributes: WK Arts **Fees:** Music Fee

MUS 1251: INTERMEDIATE KEYBOARD CLASS (2) Offerings

For students with prior training in piano. Course is designed for music majors and non-music majors. Expectations for each student are based on individual needs. Emphasis is on note-reading, basic theory, chord usage, repertoire, technical development, and creative activities. May be repeated an unlimited number of times.

Attributes: WK Arts **Prerequisites:** MUS 1250: C- or better **Fees:** Music Fee

MUS 1260: VOICE CLASS (2) Offerings

Emphasis is on basic vocal technique: breath control, tone, diction, and stage presence. Music includes classical, folk, and American music. Extra Fee. May be repeated an unlimited number of times.

Attributes: WK Arts **Fees:** Music Fee

MUS 1270: BEGINNING FOLK GUITAR (1) Offerings

Introduction to folk-style guitar playing. May be taken by music education majors to meet guitar proficiency. May be repeated an unlimited number of times.

Attributes: WK Arts

MUS 1271: INTERMEDIATE FOLK GUITAR (1) Offerings

Studies Intermediate folk guitar. May be repeated for credit 3 times.

Prerequisites: MUS 1270: D or better

MUS 1500: INTRODUCTION TO IMPROVISATION (2) Offerings

A non-genre specific course that will introduce the performance art of musical improvisation. May be repeated an unlimited number of times.

MUS 1600: EXPLORING AND UNDERSTANDING MUSIC (5) Offerings

The focus is on the pleasure of listening with understanding, using individual, classroom, and concert experiences. Introduces basic elements of music as preparation for enjoying masterworks in the European tradition, from medieval times to our own time. Encourages development of listening skills and knowledge of music available in our city.

Attributes: WK Arts **Restrictions:** Music, Music Education, Music Therapy Majors are excluded.

MUS 1800: MUSIC HISTORY TIMELINE (5) Offerings

This course provides an overview of Western European musical history from the Medieval period to present.

Restrictions: Music, Music Education, Music Therapy Majors, Minors, Concentrations only.

MUS 2000: CLINICAL IMPROVISATION (2) Offerings

Course is designed for music therapy majors to discover one's own creative style and develop clinical techniques in improvisation.

Restrictions: Music Therapy Majors only.

MUS 2115: LIFELONG MUSICIANSHIP (2) Offerings

This class is designed to teach lifelong growth and practice habits in fundamental musicianship. Designed as a low - assessment vocational course, students are encouraged to participate in the class on an ongoing basis. Emphasis will be on the further development of practical skills such as transcription, listening, rhythmic development, and performance practice in a wide variety of styles and cultural backgrounds. May be repeated an unlimited number of times.

Prerequisites: (MUS 1114: C- or better OR MUS 1111: C- or better)

MUS 2200: PIANO PROFICIENCY (1) Offerings

A keyboarding skills class designed specifically for music majors who need to pass the piano proficiency exam. Assumes a basic knowledge and intermediate skill level. Students do not need to take this course if they have passed the piano proficiency exam. May be repeated for credit 12 times.

Restrictions: Music, Music Education, Music Education-INT, Music Therapy, Music Therapy-INT, Music-INT Majors only. **Prerequisites:** MUS 1251: C- or better **Fees:** Music Fee

MUS 2201: INDIVIDUAL INSTRUCTION-FLUTE (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the flute. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2202: INDIVIDUAL INSTRUCTION - OBOE (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the oboe. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2203: INDIVIDUAL INSTRUCTION - CLARINET (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the clarinet. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2204: INDIVIDUAL INSTRUCTION - BASSOON (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the bassoon. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2205: INDIVIDUAL INSTRUCTION - TRUMPET (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the trumpet. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2206: INDIVIDUAL INSTRUCTION - HORN (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the horn. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2207: INDIVIDUAL INSTRUCTION - TROMBONE (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the trombone. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2208: INDIVIDUAL INSTRUCTION - EUPHONIUM (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the euphonium. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2209: INDIVIDUAL INSTRUCTION - TUBA (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the tuba. May be repeated for an unlimited number of credits.

repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2210: INDIVIDUAL INSTRUCTION - PERCUSSION (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on percussion instruments. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2211: INDIVIDUAL INSTRUCTION - VIOLIN (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the violin. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2212: INDIVIDUAL INSTRUCTION - VIOLA (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the viola. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2213: INDIVIDUAL INSTRUCTION - VIOLONCELLO (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the violoncello. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2214: INDIVIDUAL INSTRUCTION - DOUBLE BASS (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the double bass. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2215: INDIVIDUAL INSTRUCTION - HARP (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the harp. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2216: INDIVIDUAL INSTRUCTION - ORGAN (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the organ. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2217: INDIVIDUAL INSTRUCTION - PIANO (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the piano. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2218: INDIVIDUAL INSTRUCTION -HARPSICHORD (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the harpsichord. May be repeated for an unlimited number of credits.

Fees: Music Fee

MUS 2219: INDIVIDUAL INSTRUCTION - VOICE (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire with the voice. May be repeated for credit up to 99 credits.

Fees: Music Instruction Fee Major

MUS 2220: INDIVIDUAL INSTRUCTION - CLASSICAL GUITAR (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the classical guitar. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2221: INDIVIDUAL INSTRUCTION - SAXOPHONE (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the saxophone. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2223: INDIVIDUAL INSTRUCTION - JAZZ GUITAR (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the jazz guitar. May be repeated for an unlimited number of credits.

Fees: Music Instruction Fee Major

MUS 2224: INDIVIDUAL INSTRUCTION-JAZZ PIANO (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the jazz piano. May be repeated an unlimited number of times.

Fees: Music Instruction Fee Major

MUS 2225: INDIVIDUAL INSTRUCTION-HARPSICHORD (1-2) [Offerings](#)

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the harpsichord. May be repeated for an unlimited number of credits.

Equivalents: MUS 4225 **Fees:** Music Instruction Fee Major, Music Instruction Fee Nonmajor

MUS 2260: THE SINGER'S ART (1-2) [Offerings](#)

MUS 2200: THE SINGER'S ART I (3) Offerings

A study and application of song literature and the principles of artistic performance, with special emphasis on English, Italian, and Spanish diction and repertoire. Basic international phonetic alphabet will be learned. Prerequisite to upper-division credit in voice.

MUS 2261: THE SINGER'S ART II (3) Offerings

The study and performance of the German and French and song repertoire of the 19th and 20th centuries. Special attention will be given to diction, style, and interpretation. Prerequisite to upper-division credit in voice.

Prerequisites: MUS 2260: C- or better

MUS 2301: GOSPEL CHOIR (2) Offerings

A choral ensemble specializing in the preparation, study, and performance of African American Sacred Music. May be repeated an unlimited number of times.

Equivalents: MUS 4301 **Attributes:** WK Arts **Restrictions:** Junior, Senior students are excluded.

MUS 2304: CHAMBER SINGERS (1) Offerings

Small choral ensemble selected from Concert Choir members. Perform literature appropriate for chamber ensemble. May be repeated an unlimited number of times.

Attributes: WK Arts **Restrictions:** Freshman, Sophomore students only.

MUS 2305: TREBLE CHOIR (2) Offerings

A choral ensemble of women. Participates in major choral concerts throughout the year. Occasional performances for chapels, and at selected churches and community organizations as an outreach of the University. May be repeated an unlimited number of times.

Attributes: WK Arts **Restrictions:** Freshman, Sophomore students only.

MUS 2306: BRASS ENSEMBLE (1) Offerings

Brass Ensemble May be repeated an unlimited number of times.

Attributes: WK Arts **Restrictions:** Freshman, Sophomore students only.

MUS 2307: PERCUSSION ENSEMBLE (1-2) Offerings

Percussion Ensemble May be repeated an unlimited number of times.

Attributes: WK Arts **Restrictions:** Freshman, Sophomore students only.

MUS 2308: WOODWIND ENSEMBLE (FLUTE) (1) Offerings

A flute ensemble. Performances throughout the year on campus and off campus as an outreach of the University. May be repeated an unlimited number of times.

Attributes: WK Arts **Restrictions:** Sophomore students only.

MUS 2309: STRING QUARTET (1) Offerings

String Ensemble May be repeated an unlimited number of times.

Attributes: WK Arts **Restrictions:** Freshman, Sophomore students only.

MUS 2310: KEYBOARD ENSEMBLE (1) Offerings

This course introduces piano ensemble literature for one or two pianos; four, six, and eight hands. Emphasis on collaboration, sight-reading, and stylistic refinement. Students perform in practicums and other concerts on campus. May be repeated an unlimited number of times.

Attributes: WK Arts **Restrictions:** Freshman, Sophomore students only.

MUS 2311: JAZZ LAB (2) Offerings

A class that specializes in the preparation (improvization), study, and performance of music from the jazz idiom. May be repeated an unlimited number of times.

Attributes: WK Arts **Restrictions:** Freshman, Sophomore students only.

MUS 2312: TENOR/BASS CHOIR (2) Offerings

The audition is for the purpose of placing individuals in the appropriate section of the choir. A choral ensemble of men. Participates in major choral concerts throughout the year. Occasional performances for chapels, and at selected churches and community organizations as an outreach of the University. May be repeated an unlimited number of times.

Attributes: WK Arts **Restrictions:** Freshman, Sophomore students only.

MUS 2313: VOCAL JAZZ ENSEMBLE (2) Offerings

An organization of vocalists specializing in the preparation, study, and performance of music from the jazz literature. May be repeated an unlimited number of times.

Equivalents: MUS 4313 **Restrictions:** Junior, Senior students are excluded.

MUS 2340: CHAMBER ENSEMBLE (1-2) Offerings

This course is designed for musicians to select and perform in small-group ensemble projects, self-rehearse, and work with faculty coaches. All musicians are encouraged to participate. May be repeated for credit up to 30 credits.

Restrictions: Junior, Senior students are excluded.

MUS 2341: GAMELAN ENSEMBLE (1) Offerings

Performance in an Indonesian ensemble of tuned percussion. It includes gongs, metallophones, and drums. No previous music experience required. May be repeated an unlimited number of times.

Equivalents: MUS 4341 **Attributes:** WK Arts **Restrictions:** Freshman, Sophomore students only.

MUS 2342: WORSHIP BAND (1,2) Offerings

The SPU Worship Arts Ensemble is a multidisciplinary, collaborative group of vocalists and instrumentalists performing gospel, jazz, hip-hop, indie, rock and other sacred music genres. Audition is required. May be repeated an unlimited number of times.

Equivalents: MUS 4342 **Attributes:** WK Arts **Restrictions:** Junior, Senior students are excluded.

MUS 2350: CONCERT CHOIR (2) Offerings

MUS 2300: CONCERT CHOIR (2) Offerings

A choral ensemble of men and women. Participates in major choral concerts throughout the year. Occasional performances for chapels, and at selected churches and community organizations as an outreach of the University. May be repeated an unlimited number of times.

Attributes: WK Arts **Restrictions:** Freshman, Sophomore students only.

MUS 2351: WIND ENSEMBLE (2) Offerings

As a group of selected wind, brass, and percussion players, this ensemble provides an opportunity for in-depth experience in the performance of wind ensemble and band repertoire. May be repeated an unlimited number of times.

Attributes: WK Arts **Restrictions:** Freshman, Sophomore students only.

MUS 2353: SYMPHONY ORCHESTRA (2) Offerings

Performing ensemble comprised of string and selected woodwind, brass, and percussion instruments. The orchestra intentionally studies music literature with diverse historical, cultural, and social context. May be repeated an unlimited number of times.

Attributes: WK Arts **Restrictions:** Freshman, Sophomore students only.

MUS 2360: SINGING FROM THE STAGE (1-2) Offerings

Practical experience in preparation and performance of scenes from the musical theatre and opera repertoires. May be repeated for an unlimited number of credits.

Attributes: WK Arts **Restrictions:** Freshman, Sophomore students only.

MUS 2402: HISTORY AND APPRECIATION OF JAZZ (5) Offerings

This course surveys the major periods in jazz history, from its roots in New Orleans to the present. Emphasises the common elements throughout that history: blues, improvisation, the group negotiation of individual agendas, and the spiritual context of the jazz solo. It also explores how jazz interacts with American history at large. This course is intended as General Education. Music Majors fulfilling their Critical Listening Cultural Reflections credits take MUS 4236 Jazz History for Music Majors.

Equivalents: MUS 4402 **Attributes:** Ways of Engaging **Restrictions:** Freshman, Sophomore students only.

MUS 2501: BRASS TECHNIQUES (2) Offerings

Designed for Music Education majors, students explore a variety of pedagogical methods and materials for Brass Instruments. Emphasis is placed on the demonstration of appropriate technique and diagnosis of pedagogical challenges in a lab setting.

Restrictions: Music, Music Education, Music Therapy Majors only. Freshman students are excluded.

Prerequisites: MUS 2550: C- or better

MUS 2502: PERCUSSION TECHNIQUES (2) Offerings

Designed for Music Education majors, students explore a variety of pedagogical methods and materials for Percussion Instruments. Emphasis is placed on the demonstration of appropriate technique and diagnosis of pedagogical challenges in a lab setting.

Restrictions: Music, Music Education, Music Therapy Majors only. Freshman students are excluded.

Prerequisites: MUS 2550: C- or better

MUS 2503: STRING TECHNIQUES (2) Offerings

Designed for Music Education majors, students explore a variety of pedagogical methods and materials for Stringed Instruments.

Designed for music education majors, students explore a variety of pedagogical methods and materials for stringed instruments. Emphasis is placed on the demonstration of appropriate technique and diagnosis of pedagogical challenges in a lab setting. May be repeated for credit 1 time.

Restrictions: Music, Music Education, Music Therapy Majors only. Freshman students are excluded.

Prerequisites: MUS 2550: C- or better

MUS 2504: WOODWIND TECHNIQUES (2) Offerings

Designed for Music Education majors, students explore a variety of pedagogical methods and materials for Woodwind Instruments. Emphasis is placed on the demonstration of appropriate technique and diagnosis of pedagogical challenges in a lab setting.

Restrictions: Music, Music Education, Music Therapy Majors only. Freshman students are excluded.

Prerequisites: MUS 2550: C- or better

MUS 2505: JAZZ TECHNIQUE (2) Offerings

Designed for music education majors, students explore a variety of pedagogical methods and materials for jazz, world music, and alternative styles in a public school setting. Emphasis is placed on the demonstration of appropriate technique and diagnosis of pedagogical challenges in a lab setting. May be repeated for credit 6 times.

Restrictions: Music, Music Education, Music Therapy Majors only. Freshman students are excluded.

Prerequisites: MUS 2550: C- or better

MUS 2550: FOUNDATIONS OF MUSIC EDUCATION (3) Offerings

Explores the social, historical, and philosophical foundations of music and education. Focuses on the exploration and application of music pedagogy. Addresses professional, cultural, and moral challenges of art educators. Provides opportunities to apply course content through service learning and field-related experiences.

MUS 2560: INTRODUCTION TO MUSIC THERAPY (3) Offerings

An introduction to the uses of music in various health care, educational and therapeutic applications. An overview of music therapy theory and methods is offered through an integrated approach using lectures, class discussions, readings, journaling, and experiential opportunities. Open to all students interested in the field of music therapy.

MUS 2561: MUSIC THERAPY SKILLS REPERTOIRE (3) Offerings

Course provides an introduction to the uses of music materials and methods in various clinical applications. Students will develop skills in selecting, adapting and using instruments for special needs.

Prerequisites: MUS 2560: D or better

MUS 2570: BASIC MUSIC TECHNOLOGY (2) Offerings

Students will learn the basic concepts of music notation, audio recording and video recording. Includes basic understanding and use of publishing material through blogs, web sharing, word document and shared storage.

MUS 2605: SURVEY OF POPULAR MUSIC (5) Offerings

A survey of popular music in America, beginning in the 1950s. This is a listening-based course that examines style, sound, and development. Particular emphasis is placed on the cultural engagement between popular music, and American society. This course is intended as a general education. Music majors fulfilling the Critical Listening/Cultural Reflections requirements take MUS 4237 American Popular Music for Music Majors.

Attributes: WK Arts **Restrictions:** Music, Music Education, Music Therapy Majors are excluded

Attributes: WR Arts **Restrictions:** Music, Music Education, Music Therapy majors are excluded.

MUS 2606: MUSIC OF ASIA (5) Offerings

Students will explore musical & cultural topics in Asia, including various regions in East Asia (Japan, China Korea), Southeast Asia (Indonesia, Thailand, Vietnam, Myanmar) and South Asia (India, Pakistan). Students will be expected to utilize critical thinking in the arts through listening and analysis of a wide range of genres and styles, including traditional, popular and classic musics. Music will be discussed both structurally and culturally with specific attention to how the music relates to Global contexts.

Attributes: Cultural Understand&Engagement, Ways of Engaging

MUS 2930: MUSIC THERAPY PRACTICUM I (1) Offerings

Students will observe the MT-BC, other staff, music therapy interventions, and specific clients. Students will have specific observation tasks, including focus on the music therapy process (Assessment/Treatment Planning/Implementation/Evaluation), ethics, and professional conduct. Students will have opportunities to reflect on their own level of comfort and interest in the different client populations. May be repeated an unlimited number of times.

Restrictions: Music Therapy Majors only. **Prerequisites:** MUS 2560: D or better AND MUS 2561: D or better
Fees: Music Therapy Fee

MUS 2936: MUSIC PRACTICUM: PRODUCTION (1) Offerings

Offered for audio/video/production coverage and management associated with approved musical productions. May be repeated an unlimited number of times.

Restrictions: Junior, Senior students are excluded.

MUS 3102: COMPOSITION (3) Offerings

Through basic skill-building exercises this course teaches musical composition in accordance with stated aesthetic values. Students move through levels of increasing complexity and self-initiation. May be repeated for credit 2 times.

Attributes: Upper-Division **Prerequisites:** (MUS 1111: C- or better OR MUS 1105: C- or better) AND (MUS 2110: C- or better OR MUS 2104: C- or better) AND MUS 3113: C- or better AND MUS 3114: C- or better

MUS 3105: COUNTERPOINT (3) Offerings

Explores principles of 17th and 18th century contrapuntal elements through listening, intensive analysis, research and composition.

Attributes: Upper-Division **Prerequisites:** (MUS 1111: C- or better OR MUS 1105: C- or better)

MUS 3110: JAZZ THEORY (3) Offerings

Course provides students with a solid understanding of the theoretical foundations of jazz harmony. Students will study more advanced scales, modes, harmonic progressions and harmonizations.

Attributes: Upper-Division **Prerequisites:** (MUS 1111: C- or better OR MUS 1114: C- or better)

MUS 3111: 20TH CENTURY COMPOSITION TECHNIQUES (3) Offerings

Analytical studies include introductions to non-functional diatonic harmony, basic atonal composition and set theory, and twelve-tone technique.

Attributes: Upper-Division **Prerequisites:** (MUS 1111: C- or better OR MUS 1114: C- or better)

MUS 3112: FORM AND ANALYSIS (3) Offerings

Develops skills in music analysis through study of common structures in Western art music. The emphasis of this course is on critical listening, stylistic and structural analysis.

Attributes: Upper-Division **Prerequisites:** (MUS 1111: C- or better OR MUS 1114: C- or better)

MUS 3113: VOICE LEADING (3) Offerings

The study and analysis of intersecting melodic lines to create musical harmony. Special attention will be given to the principals of Western classical common practice harmony and counterpoint.

Attributes: Upper-Division **Prerequisites:** (MUS 1111: C- or better OR MUS 1114: C- or better)

MUS 3114: ADVANCED CHROMATIC HARMONY (3) Offerings

The study and analysis of intersecting melodic lines to create musical harmony. Special attention will be given to the principals of Western classical common practice harmony and extended tonality through the use of functional chromaticism.

Attributes: Upper-Division **Prerequisites:** (MUS 1111: C- or better OR MUS 1114: C- or better)

MUS 3200: SONGWRITING (3) Offerings

Songwriting is a creative process. Through practical hands-on experience, students will learn how to explore, evaluate and appropriate the critical components and principles for writing songs.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. **Prerequisites:** (MUS 1111: C- or better OR MUS 1105: C- or better)

MUS 3201: SEQUENCE AND MIDI (2) Offerings

Students will have the opportunity of learning how to use midi devices Virtual instruments and DAWs to create arrangements and compositions that can be realized as recordings. Protools, Kontakt Logic and Ableton will be the tools that will be taught.

Attributes: Upper-Division **Prerequisites:** MUS 2570: C- or better

MUS 3202: MIXING AND MASTERING (2) Offerings

Students will learn in depth the tools and skills needed to create final mixes for publishing. Protools, Logic and Digital Performer are the software that will be taught and used to create projects. They will also learn industry standard plugins to achieve a professional mix and master of their projects.

Attributes: Upper-Division **Prerequisites:** MUS 2570: C- or better

MUS 3203: RECORDING (2) Offerings

Students will learn the technical skills needed to capture recorded sound. The DAWs that will be taught are Protools, Logic and Digital Performer. They also will be taught miking technique, equipment setup and acoustics principles.

Attributes: Upper-Division **Prerequisites:** MUS 2570: C- or better

MUS 3204: LIVE SOUND (2) Offerings

Students will learn the technical skills needed to create a live mix for performance in different performance venues. They will be taught miking technique, equipment setup and acoustics principles.

Attributes: Upper-Division **Prerequisites:** MUS 2570: C- or better

MUS 3205: FILM SCORING (2) [Offerings](#)

Students will be taught the compositional techniques and technical skills needed to create music and effects for film and video. The use of DAWs and Finale Music Notation Software will be the main software used and they will experience syncing to film through these tools. They will also learn to record and mix their projects for publishing.

Attributes: Upper-Division **Prerequisites:** MUS 2570: C- or better AND MUS 1111: C- or better

MUS 3300: INSTRUMENTAL REPERTOIRE (3) [Offerings](#)

An exploration of the standard repertoire tailored to each student's instrument of study. The primary learning objective for this course is to understand the historical development of the student's instrument and repertoire. Due to the individualized nature of this course, much of the activity for this course will include individual research, listening, and library skills.

Attributes: Upper-Division **Restrictions:** Music Majors, Minors, Concentrations only. Junior, Senior students only.

MUS 3309: MUSIC TECHNOLOGY APPLICATIONS (1-3) [Offerings](#)

Demonstrates how to enter notes into a computer through a MIDI keyboard, edit the resulting notation using Finale software, and print the results on a laser printer. Typically offered: Summer Quarter. May be repeated for credit up to 6 credits.

Equivalents: MUS 5309, EDTC 5309 **Attributes:** Upper-Division **Restrictions:** Graduate are excluded.

MUS 3401: MUSIC AND WORSHIP (2) [Offerings](#)

A study of the philosophical, biblical, and theological relationships of music to worship in the Christian Church.

Attributes: Upper-Division, Ways of Engaging

MUS 3402: THE SONG OF THE CHURCH (3) [Offerings](#)

A study of congregational singing including its history, its genre, its criticism, and its effective use in the worship service.

Attributes: Upper-Division, Ways of Engaging

MUS 3501: ELEMENTARY MUSIC EDUCATION (3) [Offerings](#)

Designed for non-music majors, this class explores the interdisciplinary aspects of music in the non-music classroom in grades P-5 with a focus on the cognitive benefits of utilizing music while teaching and learning.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman students are excluded.

MUS 3502: MAKING MUSIC WITH DIVERSE LEARNERS (3) [Offerings](#)

Designed to explore and promote inclusive instruction in music for diverse learners, this course identifies the needs and explores the accommodations available to support the engagement and learning of all students in a music classroom.

Attributes: Upper-Division **Restrictions:** Music Education, Music Therapy Majors only. Freshman students are excluded.

MUS 3503: TEACHING GENERAL MUSIC IN THE ELEMENTARY SCHOOL (3) [Offerings](#)

Designed for music education majors, this course explores philosophies, pedagogues, methods, curriculum, materials, and resources associated with general music in a public school setting. Emphasis is placed on grades P-5. Additionally, the course promotes the interdisciplinary nature of general music in the elementary school classroom and encourages collaborative project based learning.

Attributes: Upper-Division **Restrictions:** Music Education Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** MUS 2550: C- or better

MUS 3504: CHORAL MUSIC METHODS AND MATERIALS (3) Offerings

A survey of the teaching methods, rehearsal techniques, and choral organization from the elementary school chorus through the adult choir. Emphasis is on development of diagnostic rehearsal skills through special class projects and survival skills for the beginning choral director.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman students are excluded. **Prerequisites:** MUS 2550: D or better

MUS 3505: INSTRUMENTAL MUSIC METHODS AND MATERIALS (3) Offerings

A survey of the instrumental music program, grades 5-12. Emphasis is on examination of appropriate teaching materials, teaching methods for various program levels, program planning and development, and evaluation of learner progress. Experience in planning and presenting model learning experiences in instrumental music is provided.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman students are excluded. **Prerequisites:** MUS 2550: D or better

MUS 3510: MUSIC PEDAGOGY (3) Offerings

Students will explore pedagogical theories, techniques, and repertoire for their instrument as well as apply those techniques as student teachers. May be repeated for credit 3 times.

Attributes: Upper-Division **Prerequisites:** MUS 1800: C- or better AND MUS 1111: C- or better

MUS 3608: ADVANCED MUSIC NOTATION (3) Offerings

Students will become proficient at music notation to the level of publisher-ready documents through the use of FINALE notation software. May be repeated for credit 2 times.

Attributes: Upper-Division **Prerequisites:** MUS 2570: C- or better AND MUS 1111: C- or better **Fees:** Music Fee

MUS 3712: CHORAL CONDUCTING (2) Offerings

A course designed to develop advanced choral conducting skill and techniques.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** (MUS 1111: C- or better OR MUS 1105: C- or better) AND (MUS 1114: C- or better OR MUS 1108: C- or better)

MUS 3713: INSTRUMENTAL CONDUCTING (2) Offerings

A course designed to teach elementary score reading, baton techniques, instrumentation, and conducting with an instrumental emphasis. Typically offered: Alternate Years.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** (MUS 1111: C- or better OR MUS 1105: C- or better) AND (MUS 1114: C- or better OR MUS 1108: C- or better)

MUS 3931: MUSIC THERAPY PRACTICUM II (1-3) Offerings

Students develop their clinical skills with the guidance of the MT-BC, and will become increasingly responsible for planning and implementation of sessions. During this year, foci will be: leadership styles, skill development, dual relationships, and further understanding of the music therapy process. May be repeated for credit up to 99 credits.

Attributes: Upper-Division **Restrictions:** Music Therapy Majors only. **Prerequisites:** MUS 2930: D or better **Fees:** Music Therapy Fee

MUS 4101: INSTRUMENTATION AND ORCHESTRATION (3) Offerings

A study of the history, technical limitations, and use of orchestral instruments. Practical experience in arranging for various combinations of instruments is provided. Typically offered: Alternate Years.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** (MUS 1111: C- or better OR MUS 1105: C- or better) AND MUS 3113: C- or better AND MUS 3114: C- or better

MUS 4103: ARRANGING (3) Offerings

A study of the history, fundamentals, and technical limitations of orchestral instruments and voices. Practical experience in both choral and instrumental arranging is provided.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** (MUS 1111: C- or better OR MUS 1105: C- or better) AND MUS 3113: C- or better AND MUS 3114: C- or better

MUS 4201: INDIVIDUAL INSTRUCTION - FLUTE (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the flute. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4202: INDIVIDUAL INSTRUCTION - OBOE (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the oboe. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4203: INDIVIDUAL INSTRUCTION - CLARINET (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the clarinet. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4204: INDIVIDUAL INSTRUCTION - BASSOON (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the bassoon. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4205: INDIVIDUAL INSTRUCTION - TRUMPET (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the trumpet. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4206: INDIVIDUAL INSTRUCTION - HORN (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the horn. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4207: INDIVIDUAL INSTRUCTION - TROMBONE (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the trombone. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4208: INDIVIDUAL INSTRUCTION - EUPHONIUM (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the euphonium. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4209: INDIVIDUAL INSTRUCTION - TUBA (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the tuba. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4210: INDIVIDUAL INSTRUCTION - PERCUSSION (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on percussion instruments. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4211: INDIVIDUAL INSTRUCTION - VIOLIN (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the violin. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4212: INDIVIDUAL INSTRUCTION - VIOLA (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the viola. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4213: INDIVIDUAL INSTRUCTION - VIOLINCELLO (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the violoncello. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4214: INDIVIDUAL INSTRUCTION - DOUBLE BASS (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the double bass. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4215: INDIVIDUAL INSTRUCTION - HARP (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the harp. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4216: INDIVIDUAL INSTRUCTION - ORGAN (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the organ. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4217: INDIVIDUAL INSTRUCTION - PIANO (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the piano. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4218: INDIVIDUAL INSTRUCTION-HARPSICHORD (1-3) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the harpsichord. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** College of Arts and Sciences only. Freshman, Sophomore students are excluded. **Fees:** Music Fee

MUS 4219: INDIVIDUAL INSTRUCTION - VOICE (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire with the voice. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** MUS 2260: D or better AND MUS 2261: D or better **Fees:** Music Instruction Fee Major

MUS 4220: INDIVIDUAL INSTRUCTION - CLASSICAL GUITAR (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the classical guitar. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4221: INDIVIDUAL INSTRUCTION - SAXOPHONE (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the saxophone. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4223: INDIVIDUAL INSTRUCTION - JAZZ GUITAR (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the jazz guitar. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Performance, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4224: INDIVIDUAL INSTRUCTION-JAZZ PIANO (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the jazz piano. May be repeated an unlimited number of times.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Fees:** Music Instruction Fee Major

MUS 4225: INDIVIDUAL INSTRUCTION-HARPSICHORD (1-2) Offerings

Provides an opportunity for students to participate in private lessons and practice a high level of repertoire on the harpsichord. May be repeated for an unlimited number of credits.

Equivalents: MUS 2225 **Attributes:** Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. **Fees:** Music Instruction Fee Major

MUS 4226: INDIVIDUAL INSTRUCTION - COMPOSITION (1-2) Offerings

Extra Fee. May be repeated for an unlimited number of credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only.

MUS 4230: MUSIC OF THE RENAISSANCE AND BAROQUE (3) Offerings

A in-depth musical and historical look at the development of Western classical music from the early medieval period through the Baroque era.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** MUS 1800: C- or better

MUS 4231: MUSIC OF THE CLASSICAL AND ROMANTIC (3) Offerings

An in-depth musical and historical look at the development of Western art music from the Classical period through the Romantic era.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** MUS 1800: C- or better

MUS 4232: MUSIC OF THE 20TH CENTURY (3) Offerings

An in-depth look at European and American classical music during the 20th century.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** MUS 1800: C- or better

MUS 4233: MUSIC OF BLACK AMERICA (3) Offerings

This course will serve as an introductory survey of African American music through the lens of philosophical, historical, musical analysis performance practice, and Christian theological inquiries. It is a reading and listening intensive course that involves a combination of group and independent learning and library research.

Attributes: Cultural Understand&Engagement, Upper-Division, Writing "W" Course **Prerequisites:** MUS 1800: C- or better AND (UFDN 3001: C- or better OR UFDN 2000: C- or better) AND UFDN 3100: C- or better

MUS 4234: MUSIC OF THE SPICE ROUTE (3) Offerings

An ethnomusicology class in which students study diverse music genres in cultural and historical context of Spice Route locations. Students participate in local field work and explore contemporary issues in ethnomusicology.

Attributes: Cultural Understand&Engagement, Upper-Division, Writing "W" Course **Prerequisites:** MUS 1800: C- or better

MUS 4235: MUSIC OF THE PACIFIC RIM (3) Offerings

An ethnomusicology class in which students study diverse music genres in cultural and historical context of Pacific Rim locations. Students participate in local field work and explore contemporary issues in ethnomusicology.

Attributes: Cultural Understand&Engagement, Upper-Division, Writing "W" Course **Prerequisites:** MUS 1800: C- or better

MUS 4236: JAZZ HISTORY FOR MUSIC MAJORS (3) Offerings

A survey of the major periods in jazz history, from its roots in New Orleans to the present for Music Majors. Emphasizes the common elements throughout that history: blues, improvisation, the group negotiation of individual agendas, and the spiritual context of the jazz solo. It also explores how jazz interacts with American history at large. May be repeated for credit 2 times.

Attributes: Cultural Understand&Engagement, Upper-Division, Writing "W" Course **Restrictions:** Music Majors only. **Prerequisites:** MUS 1800: C- or better

MUS 4237: AMERICAN POPULAR MUSIC FOR MUSIC MAJORS (3) Offerings

A survey of popular music in America for Music Majors. This is a listening-based course that examines style, sound, and development. Particular emphasis is placed on the cultural engagement between popular music and American society.

Attributes: Cultural Understand&Engagement, Upper-Division, Writing "W" Course **Prerequisites:** MUS 1800: C- or better

MUS 4238: PSYCHOLOGY OF MUSIC (3) Offerings

This course provides an overview of topics that examine the acquisition of musical skills from the perspective of a listener, performer, educator and consumer. Music psychology research relevant to the development of musical abilities, music perception and cognition, learning, emotion and meaning, performance, performance anxiety, and other musical behaviors will be explored.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Music, Music Therapy Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** MUS 1800: C- or better

MUS 4239: MUSIC OF LATIN AMERICA AND THE CARIBBEAN (3) Offerings

A cultural and historical survey of Latin American folk and art music exploring its African, European, and Amerindian roots through a study of representative musical and dance styles. This course involves an integrative approach to advanced musicianship while dealing in-depth with selected topics. The process includes reading, writing, listening, and analysis. Typically offered: Alternate Years. May be repeated for credit 1 time.

Attributes: Cultural Understand&Engagement, Upper-Division, WK Arts, Writing "W" Course **Restrictions:** Music, Music Education, Music Therapy, Music and Worship Arts Majors, Minors, Concentrations only. Freshman, Sophomore students are excluded. **Prerequisites:** MUS 1800: C- or better

MUS 4301: GOSPEL CHOIR (2) Offerings

A choral ensemble specializing in the preparation, study, and performance of Gospel music. May be repeated an unlimited number of times.

Equivalents: MUS 2301 **Attributes:** Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4304: CHAMBER SINGERS (1) Offerings

Small choral ensemble selected from Concert Choir members. Perform literature appropriate for chamber ensemble. May be repeated an unlimited number of times.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4305: TREBLE CHOIR (2) Offerings

A choral ensemble of women. Participates in major choral concerts throughout the year. Occasional performances for chapels, and at selected churches and community organizations as an outreach of the University. May be repeated an unlimited number of times.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4306: BRASS ENSEMBLE (1) Offerings

Brass Ensemble May be repeated an unlimited number of times.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4307: PERCUSSION ENSEMBLE (1-2) Offerings

Percussion Ensemble May be repeated an unlimited number of times.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4308: WOODWIND ENSEMBLE (FLUTE) (1) Offerings

A flute ensemble. Performances throughout the year on campus and off campus as an outreach of the University. May be repeated an unlimited number of times.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4309: STRING QUARTET (1) Offerings

String Ensemble May be repeated an unlimited number of times.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4310: KEYBOARD ENSEMBLE (1) Offerings

This course introduces piano ensemble literature for one or two pianos; four, six, and eight hands. Emphasis on collaboration, sight-reading, and stylistic refinement. Students perform in practicums and other concerts on campus. May be repeated an unlimited number of times.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4311: JAZZ LAB (2) Offerings

A class that specializes in the preparation (improvization), study, and performance of music from the jazz idiom. May be repeated an unlimited number of times.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4312: TENOR/BASS CHOIR (2) Offerings

The audition is for the purpose of placing individuals in the appropriate section of the choir. A choral ensemble of men. Participates in major choral concerts throughout the year. Occasional performances for chapels, and at selected churches and community organizations as an outreach of the University. May be repeated an unlimited number of times.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4313: VOCAL JAZZ ENSEMBLE (2) Offerings

An organization of vocalists specializing in the preparation, study, and performance of music from the jazz literature. May be repeated an unlimited number of times.

Equivalents: MUS 2313 **Attributes:** Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4340: CHAMBER ENSEMBLE (1-2) Offerings

This course is designed for musicians to select and perform in small-group ensemble projects, self-rehearse, and work with faculty coaches. All musicians are encouraged to participate. May be repeated for credit up to 30 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4341: GAMELAN ENSEMBLE (1) Offerings

Performance in an Indonesian ensemble of tuned percussion. It includes gongs, metallophones, and drums. No previous music

performance in an Indonesian ensemble of tuned percussion. It includes gongs, metallophones, and drums. No previous music experience required. May be repeated an unlimited number of times.

Equivalents: MUS 2341 **Attributes:** Upper-Division, WK Arts

MUS 4342: WORSHIP BAND (1,2) Offerings

The SPU Worship Arts Ensemble is a multidisciplinary, collaborative group of vocalists and instrumentalists performing gospel, jazz, hip-hop, indie, rock and other sacred music genres. Audition is required. May be repeated an unlimited number of times.

Equivalents: MUS 2342 **Attributes:** Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4350: CONCERT CHOIR (2) Offerings

A choral ensemble of men and women. Participates in major choral concerts throughout the year. Occasional performances for chapels, and at selected churches and community organizations as an outreach of the University. May be repeated an unlimited number of times.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4351: WIND ENSEMBLE (2) Offerings

As a group of selected win, brass, and percussion players, this ensemble provides an opportunity for in-depth experience in the performance of wind ensemble and band repertoire. May be repeated an unlimited number of times.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4353: SYMPHONY ORCHESTRA (2) Offerings

Performing ensemble comprised of string and selected woodwind, brass, and percussion instruments. The orchestra intentionally studies music literature with diverse historical, cultural, and social context. May be repeated an unlimited number of times.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4360: SINGING FROM THE STAGE (1-2) Offerings

Practical experience in preparation and performance of scenes from the musical theatre and opera repertoires. May be repeated for an unlimited number of credits.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4402: HISTORY AND APPRECIATION OF JAZZ (5) Offerings

This course surveys the major periods in jazz history, from its roots in New Orleans to the present, with a special section on Seattle jazz. It also emphasizes the common elements throughout that history—blues, improvisation, the group negotiation of individual agendas, and the spiritual context of the jazz solo. This course is intended as General Education. Music Majors fulfilling their Critical Listening Cultural Reflections credits take MUS 4236 Jazz History for Music Majors.

Equivalents: MUS 2402 **Attributes:** Upper-Division, Ways of Engaging, Writing "W" Course **Restrictions:** Junior, Post-Baccalaureate, Senior students only.

MUS 4501: LEARNING ASSISTANT IN AURAL SKILLS PEDAGOGY (1-2) Offerings

This course provides preparatory instruction for teaching Aural Skills. Under supervision, students will be directly responsible for the teaching, mentorship, learning, and assessment of a small group of three-four students. May be repeated for credit up to 12 credits.

Attributes: Upper-Division **Restrictions:** Music Majors only. **Prerequisites:** MUS 1050: C or better AND MUS 1113: C or better AND MUS 1114: C or better

MUS 4777: THEOLOGY OF MUSIC (3) [Offerings](#)

What does music communicate? This course will explore the theological implications of using music in both liturgical and non-liturgical settings. Furthermore, this course will examine the key theological, mystical and philosophical notions of music that are of essential significance in relation to the history of Christian music from ancient to modern.

Attributes: Upper-Division **Restrictions:** Music Majors, Minors, Concentrations only. Freshman, Sophomore students are excluded. **Prerequisites:** MUS 1800: C- or better

MUS 4802: MUSIC THERAPY IN MENTAL HEALTH (3) [Offerings](#)

This course investigates theory, research and clinical skills related to the use of music therapy in mental health care. Adult development and the formation and maintenance of self-identity will be explored from a clinical perspective together with issues concerning wellness and palliative care. The course also addresses the relationship between developmental/psychological theories and music therapy practice.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Music Therapy Majors only.

MUS 4803: MUSIC AND MEDICINE (3) [Offerings](#)

Examines literature and music therapy application in hospitals, surgery, and palliative care. Topics include, but are not limited to, cognitive-behavioral impairment, physical rehabilitation, anxiety, and pain management. Guest music therapists currently working in medical fields will be presented during the course.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Music Therapy Majors only.

MUS 4897: PROJECT CAPSTONE (3) [Offerings](#)

This course involves an integrative approach to advanced musicianship. It will assist the student in articulating and synthesizing their chosen senior project within a larger spiritual, social, and artistic context. May be repeated for credit 2 times.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Music Majors only. Junior, Senior students only.

MUS 4898: CURRENT ISSUES IN MUSIC THERAPY (1) [Offerings](#)

This course serves as the senior year capstone requirement for SPU, as well as preparation for the internship as required by AMTA. Students examine current issues related to the field of music therapy. Classes focus on discussion readings, and personal reflections; Individualized meetings with faculty assist students in internship placement.

Attributes: Upper-Division **Restrictions:** Music Therapy Majors only.

MUS 4900: INDEPENDENT STUDY (1-5) [Offerings](#)

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

MUS 4910: PROFESSIONAL DEVELOPMENT SEMINAR (1) [Offerings](#)

Students will explore specific vocational skills that address the needs of the 21st Century professional musician. Topic areas will rotate each quarter. May be repeated an unlimited number of times.

Attributes: Upper-Division **Restrictions:** Music Majors, Minors, Concentrations only.

MUS 4930: PRACTICUM (1-5) [Offerings](#)

Practicum

Attributes: Upper-Division

MUS 4931: MUSIC THERAPY PRACTICUM III (1-3) [Offerings](#)

Foci this year will be: Planning and running an entire music therapy session, skill development, clinical issues of transference and countertransference, group dynamics, internship preparation, professional development, research and presentation. May be repeated for credit up to 99 credits.

Attributes: Upper-Division **Restrictions:** Music Therapy Majors only. **Prerequisites:** MUS 3931: D or better **Fees:** Music Therapy Fee

MUS 4936: MUSIC PRACTICUM:PRODUCTION (1) [Offerings](#)

Offered for audio/video/production coverage and management associated with approved musical productions. May be repeated an unlimited number of times.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4941: CHORAL CONDUCTING INTERNSHIP (1-5) [Offerings](#)

An opportunity for qualified choral conducting students to gain additional proficiency and experience while working with an advanced ensemble. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4942: INSTRUMENTAL CONDUCTING INTERNSHIP (1-5) [Offerings](#)

An opportunity for qualified instrumental conducting students to gain additional proficiency and experience while working with an advanced ensemble. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4943: MUSIC INTERNSHIP (1-5) [Offerings](#)

An opportunity for music students to gain additional proficiency and experience in an approved project of the student's own design. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

MUS 4944: MUSIC THERAPY INTERNSHIP (1-5) [Offerings](#)

A minimum of 1020 hours of supervised clinical experience in music therapy at an AMTA national roster internship site. The goal of the internship is to provide clinical training and experience as necessary for success in the practice of music therapy and required for eligibility to take the national examination administered by the Certification Board for Music Therapy. The student will need to have completed all of the requirements for the Bachelor of Arts in Music Therapy. The student is required to demonstrate professional level competence in music therapy as defined by AMTA professional competencies. May be repeated for credit 2 times.

Attributes: Upper-Division **Restrictions:** Music Therapy Majors only.

MUS 4950: SPECIAL TOPICS IN MUSIC (1-5) Offerings

Topic and credits to be announced in Time Schedule when offered. Topics are offered usually only once and only upon evidence of significant student interest. Topics might include the music of a specific composer, time, or culture; the pedagogy of a particular teacher or methodology; or techniques of a certain approach to performance. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Music, Music Education, Music Therapy Majors only. Freshman, Sophomore students are excluded.

MUS 4960: SPECIAL PROJECTS IN MUSIC (1-5) Offerings

Special Projects in Music May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

University Colloquium

UCOL 1000

UCOL 1000: UNIVERSITY COLLOQUIUM (1) Offerings

This course, a weekly discussion-based seminar, introduces first-year college students to learning in an academic community. Seminar topics are selected by the instructor. Students will also learn strategies for planning coursework, learning about majors and minors, and working with faculty advisors.

Theatre

[TRE 1110](#) | [TRE 1200](#) | [TRE 1340](#) | [TRE 1720](#) | [TRE 1730](#) | [TRE 1750](#) | [TRE 1930](#) | [TRE 1931](#) | [TRE 2320](#) | [TRE 2330](#) | [TRE 2340](#) | [TRE 2350](#) | [TRE 2360](#) | [TRE 2450](#) | [TRE 2733](#) | [TRE 2740](#) | [TRE 2751](#) | [TRE 2950](#) | [TRE 3331](#) | [TRE 3340](#) | [TRE 3350](#) | [TRE 3360](#) | [TRE 3500](#) | [TRE 3600](#) | [TRE 3710](#) | [TRE 3720](#) | [TRE 3733](#) | [TRE 3740](#) | [TRE 3750](#) | [TRE 3760](#) | [TRE 3800](#) | [TRE 3930](#) | [TRE 3931](#) | [TRE 4760](#) | [TRE 4899](#) | [TRE 4900](#) | [TRE 4911](#) | [TRE 4913](#) | [TRE 4930](#) | [TRE 4931](#) | [TRE 4932](#) | [TRE 4933](#) | [TRE 4934](#) | [TRE 4943](#) | [TRE 4950](#) | [TRE 4951](#) | [TRE 4961](#)

TRE 1110: THE THEATRE EXPERIENCE (5) Offerings

A study of the theatre as both a distinctive art form and a social instrument, considered from three viewpoints: those of the artist, the spectator, and the critic. Requires attendance at evening theatrical performances. Additional cost for events.

Attributes: WK Arts **Restrictions:** Theatre Majors are excluded.

TRE 1200: THEATRE AS VOCATION (1) Offerings

Encourages students, through readings, reflection, and community conversations, to connect their present and future theatrical practice with their emotional, spiritual, and intellectual identities. May be repeated for credit 2 times.

Restrictions: Theatre Majors, Minors, Concentrations only. Senior students are excluded.

TRE 1340: ACTING FUNDAMENTALS I (5) Offerings

Designed for intended theatre majors or minors or others with extensive acting experience. Prepares students for dramatic performance through intensive work in Realism, observation skills, and the active pursuit of an objective. All work is designed with the express goal of learning to "live believably in imaginary circumstances." Develops ensemble relationship through improvisation and scene work.

Attributes: WK Arts

TRE 1720: STAGECRAFT (5) Offerings

An introduction to the backstage crafts of theatrical production and management, intended to give the student a broad understanding of the basic principles and technical procedures used in theatrical production management and the design and production of scenery. Must also register for TRE 1931 or 3931 for practice of stagecraft skills.

TRE 1730: AUTOCAD DRAFTING (3) Offerings

This course will introduce students to CAD drafting, specifically AutoCAD. The emphasis will be on two-dimensional drawings for Theatre applications with the use of basic AutoCAD draw and edit commands. Additional topics will include: scale factors, text, dimensioning, and layout for drawings.

Prerequisites: TRE 1720: C- or better AND TRE 1931: C- or better

TRE 1750: INTRODUCTION TO THEATRE DESIGN (5) Offerings

An introduction to the elements and principles of design as they relate to theatre. Emphasis will be placed on development of foundational proficiency in understanding, identifying, and applying solutions for design problems in scenery, costume, and property design.

Restrictions: Theatre Majors, Minors, Concentrations only.

TRE 1930: PERFORMANCE PRACTICUM (2) Offerings

Offered for performance or directing-related activity associated with approved theatrical productions. May be repeated an unlimited number of times.

Attributes: WK Arts **Restrictions:** Undergraduate only. Junior, Senior students are excluded.

TRE 1931: PRODUCTION PRACTICUM (2) Offerings

Offered for design, technical theatre, or management activity associated with approved theatrical productions. May be repeated an unlimited number of times.

Restrictions: Junior, Senior students are excluded.

TRE 2320: STAGE MOVEMENT (3) Offerings

Specialized movement for the actor including work in physical flexibility, balancing, movement-for-character, and dance.

TRE 2330: STAGE COMBAT (3) Offerings

Develops a basic proficiency in the performance of unarmed stage combat. Rolls, falls, slaps, punches, kicks, chokes, and other techniques taught using guidelines of the Society of American Fight Directors.

TRE 2340: ACTING FUNDAMENTALS II (5) Offerings

Improvisation and scene work exploring the problems of characterization as developed through both internal and external performance techniques. Special attention is paid to Instinct, Emotional Preparation, and Imagination. Typically offered: Autumn.

Prerequisites: TRE 1340: C- or better

TRE 2350: THEATRE VOICE (3) Offerings

A study of vocal production as related to the actor's craft. Analysis and exercises designed to promote relaxation, natural breathing, organic vocal production, articulation, phrasing, and projection.

TRE 2360: IMPROV (3) Offerings

Improvisation exercises, useful for physicalization, spontaneity, intuition, and transformation of the actor are practiced in this course. Applied Performative Improv, as well as Rehearsal Improv, will be explored.

TRE 2450: ANALYZING AND INTERPRETING THEATRE (5) Offerings

Foundational approaches to reading, interpreting, and writing about theatre, including scripts and performances. Provides practice with script analysis tools from the perspective of performer, writer, dramaturg, director, and designer.

Attributes: WK Arts

TRE 2733: SCENE PAINTING (3) Offerings

Instruction in the basic scene painting practices and techniques for the stage. Includes blending, spattering, wood, brick, marble, stenciling, and foliage, as well as surface-material preparation. Typically offered: Alternate Years. May be repeated for credit 2

stretching, and tonage, as well as surface material preparation. Typically offered: Alternate Years. May be repeated for credit 2 times.

Restrictions: Theatre Majors only.

TRE 2740: INTRODUCTION TO LIGHTING AND SOUND (3) Offerings

Introduction to stage lighting and sound, covering theatrical sound equipment, lighting equipment and instruments, and the principles of lighting, and sound design. Typically offered: Winter.

Prerequisites: TRE 1720: C- or better

TRE 2751: STAGE MANAGEMENT (3) Offerings

Provides an introduction to the roles and duties of the stage manager from pre-production through rehearsal and performance phases of a theatrical production.

Prerequisites: TRE 1720: C- or better AND TRE 1931: C- or better

TRE 2950: SPECIAL TOPICS IN THEATRE (1-5) Offerings

Topic and credits to be announced in Time Schedule when offered. Topics offered usually only once, and only upon evidence of significant student interest. Possible topics include great themes of drama, medieval drama, the Asian theatre, theatre architecture, technical theatre, contemporary playwrights and the like. May be repeated for credit up to 10 credits.

Restrictions: Non-Matriculated are excluded.

TRE 3331: AUDITIONING (3) Offerings

Offers practical instruction on preparing for a professional audition. Includes strategies for monologue, prepared, and cold reading presentation, and resume preparation, as well as on-camera and musical theatre auditioning. Assumes a fundamental understanding of scene preparation and research techniques.

Attributes: Upper-Division **Prerequisites:** TRE 1340: C- or better

TRE 3340: ACTING III: STYLES (5) Offerings

Explores analysis and performance techniques for plays of specialized historic and stylistic genre, including scene work drawn from classical, Brechtian, musical theatre, television, and other dramatic materials.

Attributes: Upper-Division **Prerequisites:** TRE 1340: C- or better

TRE 3350: ACTING SHAKESPEARE (5) Offerings

This course prepares actors to deal with the specific challenges of playing Shakespeare, including the technical particularities of approaching and embodying poetic text. Set speeches, using the verse, language and character, and stylistic components are all explored.

Attributes: Upper-Division **Restrictions:** Theatre Performance Majors, Minors, Concentrations only.

Prerequisites: TRE 1340: C- or better

TRE 3360: ACTORS LAB (5) Offerings

Actors Lab is a deeper dive into the practice of techniques studied in Fundamentals of Acting I and II, with a particular emphasis on Realism. May be repeated for credit 2 times.

Attributes: Upper-Division **Restrictions:** Theatre Performance Majors, Minors, Concentrations only; Junior, Senior

Attributes: Upper-Division **Restrictions:** Theatre Performance Majors, Minors, Concentrations only. Junior, Senior students only. **Prerequisites:** TRE 1340: C- or better AND TRE 2340: C- or better

TRE 3500: DRAMATURGY (5) [Offerings](#)

Introduction to the analysis and writing skills of the dramaturg in the theatre. Includes practical, in-depth projects working with full plays.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Junior, Senior students only. **Prerequisites:** TRE 1200: C- or better AND TRE 2450: C- or better

TRE 3600: THEATRE LITERATURE AND THEORY (5) [Offerings](#)

Different topics offered on a rotation basis may include such genres as Tragedy or Comedy; theories such as feminism, existentialism, or critical race theory; and such styles as commedia, documentary theatre, or musical theatre. Whatever the topic, each section will explore patterns of inequity and difference in past and present societies. May be repeated for credit 2 times.

Attributes: Cultural Understand&Engagement, Upper-Division, Writing "W" Course **Restrictions:** Junior, Senior, Sophomore students only. **Prerequisites:** TRE 1200: C- or better AND TRE 2450: C- or better

TRE 3710: PLAY DIRECTING (5) [Offerings](#)

Consideration of the aesthetics and techniques of directing through exercises in achieving visual, auditory, and kinesthetic effects. Includes play selection, organization, casting, and rehearsing. Practical application. Typically offered: Autumn.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** TRE 2450: C- or better

TRE 3720: STAGE MAKEUP (3) [Offerings](#)

An introduction to the techniques and application of stage makeup for straight and corrective character, old age character, fantasy, special character effects, and crepe hair techniques. May be repeated for credit 2 times.

Attributes: Upper-Division **Restrictions:** Theatre Majors only.

TRE 3733: SCENIC DESIGN (5) [Offerings](#)

An exploration of scene design with emphasis on script analysis, ideation, research, project planning and the developmental process of design. Includes applied projects in rendering, drafting and model building.

Attributes: Upper-Division **Restrictions:** Theatre Production Majors, Minors, Concentrations only. Junior, Senior, Sophomore students only. **Prerequisites:** TRE 1720: C- or better AND TRE 1750: C- or better

TRE 3740: ADVANCED SOUND DESIGN (3) [Offerings](#)

Explores sound production and design for live theatre. Students develop skills necessary to create sound designs for full productions. Typically offered: Alternate Years, Spring.

Attributes: Upper-Division **Restrictions:** Junior, Senior, Sophomore students only. **Prerequisites:** TRE 2740: C- or better

TRE 3750: COSTUME DESIGN (5) [Offerings](#)

An introductory costume design course with emphasis on analysis and interpretation of the script for costume plot, designer's sketches, and presentation. Also includes a survey of period styles of costume and its application to costume design.

Attributes: Upper-Division **Restrictions:** Theatre Production Majors, Minors, Concentrations only. Junior, Senior, Sophomore students only. **Prerequisites:** TRE 1750: C-

Attributes: Upper-Division **Restrictions:** Junior, Senior, Sophomore students only. **Prerequisites:** IRE 1/50: C- or better

TRE 3760: THEATRE MANAGEMENT (3) [Offerings](#)

Introduction to the economic, personnel, and management activities necessary to produce theatre.

Attributes: Cultural Understand&Engagement, Upper-Division **Restrictions:** Junior, Senior, Sophomore students only.

TRE 3800: THEATRE EDUCATION (3) [Offerings](#)

Explores contemporary methods and trends concerning the role of theatre in elementary teaching. Attention is given to National Arts Standards and Washington Essential Academic Learning Requirements in the Arts.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman students are excluded.

TRE 3930: PERFORMANCE PRACTICUM (2) [Offerings](#)

Offered for performance or directing-related activity associated with approved theatrical productions. May be repeated an unlimited number of times.

Attributes: Upper-Division, WK Arts **Restrictions:** Freshman, Sophomore students are excluded.

TRE 3931: PRODUCTION PRACTICUM (2) [Offerings](#)

Offered for design, technical theatre, or management activity associated with approved theatrical productions. May be repeated an unlimited number of times.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

TRE 4760: PLAYWRITING (5) [Offerings](#)

Seminar discussion and conferences in the writing of actual playscripts. Typically offered: Alternate Years, Spring.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Theatre Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** TRE 2450: D or better

TRE 4899: THEATRE CAPSTONE (2) [Offerings](#)

The capstone course in theatre provides majors with opportunities for reflection on their development as Christian artists and scholars. The course culminates in the creation of a Senior Project Proposal. Typically offered: Spring.

Attributes: Upper-Division **Restrictions:** Theatre Majors only. Junior, Senior students only. **Prerequisites:** TRE 1200: C- or better

TRE 4900: INDEPENDENT STUDY IN THEATRE (1-5) [Offerings](#)

An independent study plan approved by theatre faculty. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

TRE 4911: HISTORY OF THE THEATRE I (5) [Offerings](#)

Survey of the history of the theatre from preclassical times to 1700, tracing the development and changes in theater architecture,

social purpose, the role of the theatre artist and the nature of theatrical experience. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Junior, Senior, Sophomore students only.

Prerequisites: TRE 2450: C- or better

TRE 4913: HISTORY OF THE THEATRE II (5) [Offerings](#)

Survey of the history of the theatre from 1700 to contemporary times, tracing development and changes in theater architecture, social purpose, the role of the theatre artist and the nature of theatrical experience. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Junior, Senior, Sophomore students only.

Prerequisites: TRE 2450: C- or better

TRE 4930: THEATRE PRACTICUM (1-3) [Offerings](#)

For advanced students who wish to assist as peer academic mentors in WRI 1100 courses. May be repeated for credit up to 6 credits.

Attributes: Upper-Division

TRE 4931: AUDITION PRACTICUM (2) [Offerings](#)

A guided experience of moving into professional auditions, with practical emphasis on preparation. The application of strategies for monologue, prepared, and cold reading presentation, and headshot/resume preparation, as well as song preparation and execution.

Attributes: Upper-Division **Restrictions:** Senior students only. **Prerequisites:** TRE 3331: C- or better

TRE 4932: DRAMATURGY PRACTICUM (1-5) [Offerings](#)

Self-designed, faculty-supervised project preparing dramaturgical analysis and protocol for a full production. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Theatre Majors only. Junior, Senior students only. **Prerequisites:** TRE 2450: C- or better AND TRE 3500: C- or better

TRE 4933: DESIGN PRACTICUM (1-5) [Offerings](#)

Individual, faculty-supervised project creating one or more design elements for a full production. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Theatre Majors only. Junior, Senior students only. **Prerequisites:** TRE 1750: C- or better

TRE 4934: DIRECTING PRACTICUM (1-5) [Offerings](#)

Individual, faculty-supervised project directing a fully-produced play as part of the University Theatre Season. May be repeated for credit up to 5 credits.

Attributes: Upper-Division **Restrictions:** Theatre Majors only. Freshman, Sophomore students are excluded.

Prerequisites: TRE 3710: C- or better

TRE 4943: THEATRE INTERNSHIP (1-5) [Offerings](#)

Supervised application of theatre skills in professional theatre contexts. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Theatre Majors only. Freshman, Sophomore students are excluded.

TRE 4950: SPECIAL TOPICS IN THEATRE (1-5) Offerings

Topic and credits to be announced in Time Schedule when offered. Topics offered usually only once, and only upon evidence of significant student interest. Possible topics include great themes of drama, medieval drama, the Asian theatre, theatre makeup, theatre architecture, technical theatre, contemporary playwrights, advanced stagecraft and the like. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Theatre Majors only. Freshman, Sophomore students are excluded.

TRE 4951: SPECIAL TOPICS IN THEATRE (1-5) Offerings

Special Topics in Theatre

Attributes: Upper-Division

TRE 4961: SENIOR PROJECT IN THEATRE (1-3) Offerings

Individual research, practice, and conferences in area of specialization within theatre, culminating in the presentation of a project in that specialization area. May be repeated for credit up to 3 credits.

Attributes: Upper-Division **Restrictions:** Theatre Majors only. Junior, Senior students only.

University Foundations

[UFDN 1000](#) | [UFDN 1000L](#) | [UFDN 2000](#) | [UFDN 3001](#) | [UFDN 3100](#)

UFDN 1000: THE CHRISTIAN FAITH (5) Offerings

This course introduces students to the central beliefs, practices, and virtues of the Christian faith and its diverse past and present expressions. In a world marked by individual and social sin, this course focuses on the ways Christian Scripture, creeds, doctrines, and communities form Christian disciples' identity and their calling to partner in God's reconciling work in the world. Some sections of this course may be designated for transfer students. Students must also enroll in a lab for this course (UFDN 1000L) taught by the same instructor.

Restrictions: Freshman, Sophomore students only.

UFDN 1000L: CHRISTIAN FAITH: SMALL GROUP LAB (0) Offerings

Derived from SPU's Wesleyan/ holiness heritage, Wesleyan small groups embody a practice in Christian formation and reconciliation that exposes UFDN 1000 students to Christian community, and facilitate growth in awareness and love of self, neighbor, and God. To accomplish these purposes, participants gather weekly under the leadership of a trained facilitator to ask and answer the question, "How goes it with your soul?" Participation in a SoulCare Wesleyan Small Group is required for all students enrolled in UFDN 1000. Please select a section of UFDN 1000L that is connected to your section of UFDN 1000.

UFDN 2000: CHRISTIAN SCRIPTURE (5) Offerings

This course explores the formative role that Christian Scriptures perform within the community of believers. It seeks to introduce students to the literature and theology of both Old and New Testaments and to provide them with the necessary skills to make responsible use of Scripture as the church's principal authority in nurturing a Christian's faith and witness. Course cannot be taken for upper-division credit. May be repeated for credit 0 times.

Equivalents: UFDN 3001 **Restrictions:** Freshman students are excluded. **Prerequisites:** UFDN 1000: D or better

UFDN 3001: CHRISTIAN SCRIPTURE FOR TRANSFER STUDENTS (5) Offerings

This course is only open to transfer students who begin their studies at SPU as juniors or seniors and is not open to any student who has completed UFDN 1000. This course explores the formative role that Christian Scriptures perform within the community of believers. It seeks to introduce students to the literature and theology of both Old and New Testaments and to provide them with the necessary skills to make responsible use of Scripture as the church's principal authority in nurturing a Christian's faith and witness.

Equivalents: UFDN 2000 **Attributes:** Upper-Division **Restrictions:** Junior, Post-Baccalaureate, Senior students only.

UFDN 3100: CHRISTIAN THEOLOGY (5) Offerings

Studies the basic doctrines and practices of historic Christianity, such as the being, attributes, and workings of the Triune God; the nature, fallenness, and redemption of human beings; the character and mission of the church; the disciplines and duties of personal faith; and the hope for "last things." Attention will be given to major formative events and key persons in the history of the church that have helped to shape what Christians believe and how they live. Some sections of this course may be taught in Spanish.

Attributes: Upper-Division **Restrictions:** Junior, Post-Baccalaureate, Senior students only. **Prerequisites:** UFDN 2000: D or better OR (UFDN 3001: D or better OR SPCC LFDN2: D or better OR SPCC UFDN2: D or better OR SPF LDF2: D or better OR SPF UDF2: D or better)

University Core

[UCOR 2000](#) | [UCOR 3000](#) | [UCOR 4930](#)

UCOR 2000: THE EMERGENCE OF THE MODERN GLOBAL SYSTEM (5) Offerings

This course uses a “networks of exchange” approach to explore how the contemporary modern global system was formed, with special emphasis on the history and patterns of human inequality that mark today’s societies. It also highlights social forces that have challenged and alleviated inequality. As a Common Curriculum course at Seattle Pacific University, this course asks how we as Christians should live in a world that is both deeply divided and globally interwoven. It also asks what we can learn from those times and places in the past when the Christian vision for equality has broken through patterns of injustice and introduced reconciliation into contexts of inequality.

Restrictions: Freshman students are excluded.

UCOR 3000: FAITH, PHILOSOPHY, AND SCIENCE (5) Offerings

This course considers the question, “What do I believe and why do I believe it?” It explores questions about the Christian faith that arise from modern developments in philosophy and science. Topics include: faith and reason, theism and naturalism, the problem of evil, free will and determinism, the foundations of morality, soul and body, creation and evolution.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded. **Prerequisites:** UFDN 2000: D or better OR UFDN 3001: D or better

UCOR 4930: PRACTICUM (1-5) Offerings

Serve as a mentor to students in a University Core class under the direction of faculty. May be repeated for credit up to 12 credits.

Attributes: Upper-Division

Writing

[WRI 1000](#) | [WRI 1100](#) | [WRI 2930](#) | [WRI 4930](#)

WRI 1000: ACADEMIC INQUIRY AND WRITING SEMINAR (5) Offerings

This course provides first-year college students an introduction to academic inquiry. Its central purpose is to immerse students in the types of reading, writing, and critical thinking required by their new community – the university. Key elements of the course include understanding the rhetorical and cultural contexts that impact reading, writing, and learning; practicing the critical reading of academic texts; learning to develop insightful lines of inquiry and complex claims; and developing skill in the processes and conventions that lead to successful academic writing.

Attributes: Academic Writing **Restrictions:** Freshman, Sophomore students only.

WRI 1100: DISCIPLINARY RESEARCH AND WRITING SEMINAR (5) Offerings

This course continues the academic inquiry and writing skills of WRI 1000 by incorporating the elements and standards of college-level research and writing within a disciplinary context. Students use writing throughout the term as a tool to investigate and communicate information and ideas and to approach and answer complex questions. Key elements include learning to develop good research questions and lines of inquiry; writing in appropriate disciplinary genres; understanding the proper use of primary and secondary sources; evaluating, summarizing, analyzing, and synthesizing research; revising writing so as to develop and deepen ideas; and producing a culminating paper or project.

Attributes: Disciplinary Writing **Restrictions:** Freshman, Sophomore students only. **Prerequisites:** WRI 1000: C- or better

WRI 2930: PEDAGOGIES OF TUTORING (1,2) Offerings

Students hired to work at the Research, Reading, & Writing Studio will study and put into practice pedagogies of tutoring writing. Typically offered: Autumn, Spring, Winter. May be repeated for credit up to 4 credits.

Attributes: Writing "W" Course **Restrictions:** Freshman students are excluded. **Prerequisites:** WRI 1100: D or better

WRI 4930: WRITING PRACTICUM (1-3) Offerings

Selected writing assistants will serve as a mentor to first-year students in a section of WRI 1100 under the direction of the faculty member teaching the course. May be repeated for credit 12 times.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** WRI 2930: D or better

Sociology

[SOC 1110](#) | [SOC 2000](#) | [SOC 2252](#) | [SOC 2351](#) | [SOC 2360](#) | [SOC 2510](#) | [SOC 2620](#) | [SOC 3105](#) | [SOC 3205](#) | [SOC 3215](#) | [SOC 3320](#) | [SOC 3370](#) | [SOC 3372](#) | [SOC 3440](#) | [SOC 3650](#) | [SOC 3750](#) | [SOC 3751](#) | [SOC 3862](#) | [SOC 4210](#) | [SOC 4250](#) | [SOC 4252](#) | [SOC 4440](#) | [SOC 4620](#) | [SOC 4702](#) | [SOC 4820](#) | [SOC 4870](#) | [SOC 4899](#) | [SOC 4900](#) | [SOC 4910](#) | [SOC 4920](#) | [SOC 4930](#) | [SOC 4940](#) | [SOC 4951](#) | [SOC 4970](#)

SOC 1110: INTRODUCTION TO SOCIOLOGY (5) Offerings

This course is a comprehensive introduction to the field of sociology, including analyses of the interaction between society and the individual; major theoretical perspectives; methods for obtaining sociological knowledge; and major problems and issues that confront societies.

Attributes: WK Social Sciences

SOC 2000: SOCIOLOGY OF GENDER (5) Offerings

Explores the nature and effects of gender in society. Looking closely at culture and history, the course also explores the assumptions about the expected roles of men and women in society and how these gender roles are assigned, managed, displayed, and reinforced by individuals and social institutions.

SOC 2252: MARRIAGE AND THE FAMILY (5) Offerings

Surveys the family as a social institution focusing on marital adjustment, parent-child relationships, changing family patterns, and family disorganization and reorganization.

Equivalents: FCS 2252

SOC 2351: LIVING ON THE MARGINS: CITIES IN THE GLOBAL SOUTH (5) Offerings

This course addresses the issue of urban livability in developing countries. Students are introduced to the different ways to conceptualize and understand how trends of urbanization have impacted the living conditions of people in Latin America, Asia, and the Middle East. This course explores how shanty towns, ghettos, and slums develop in densely populated cities, including Port-au-Prince, Kingston, Jakarta, and Beirut.

Attributes: Ways of Engaging

SOC 2360: INTRODUCTION TO STATISTICS IN SOCIAL AND BEHAVIORAL SCIENCES (5) Offerings

Presents the conceptual basis and application of statistical analysis in social and behavioral research. Includes descriptive statistics, correlation and regression, hypothesis testing and inferential statistics. An introduction to analysis of variance and non-parametric statistics will also be provided.

Equivalents: CRIM 2360, PSY 2360 **Attributes:** WK Quantitative Reasoning **Restrictions:** Criminal Justice, Psychology, Soc Justice/Cultural Studies, Sociology Majors, Minors, Concentrations only. **Prerequisites:** (SOC 1110: C- or better OR CRIM 1110: C- or better OR PSY 1180: C- or better) AND (Math Placement Level: B or better OR MAT 0145: C- or better)

SOC 2510: CRIMINOLOGY (5) Offerings

This course focuses on the nature, causes, and distribution of crime in the U.S. The first part of the course deals with definitional, methodological, and measurement issues in the field. The second part of the course focuses on the various social scientific attempts to explain criminal behavior and patterns of criminality. The third part of the course focuses more specifically on understanding

to explain criminal behavior and patterns of criminality. The third part of the course focuses more specifically on understanding particular types of criminal behavior: illegal drug use and crime, criminal homicide, rape, property crime, and white-collar crime. The primary concern will be an understanding of why it is that some people (or groups) are more likely to engage in criminal behavior than others.

Equivalents: CRIM 2510

SOC 2620: URBAN SOCIOLOGY (5) [Offerings](#)

An introduction to the study of cities, communities, and urban life, this course will study historical developments of cities, urban growth and change, and the ongoing processes of life in an urban context. A range of sociological methods, including ethnography, qualitative interviews and quantitative studies will provide perspectives on key urban questions.

Attributes: Cultural Understand&Engagement

SOC 3105: INTRODUCTION TO COMMUNITY DEVELOPMENT (5) [Offerings](#)

This course introduces the basic theories and frameworks of community development. Topics will include definitions of poverty and development, cross-cultural and cross-class relationships, techniques for community assessment, organizing, and project evaluation. Case studies will be included from both the United States and the two-thirds world.

Attributes: Upper-Division **Restrictions:** Junior, Senior, Sophomore students only.

SOC 3205: SOCIOLOGY IN MEDICINE: INEQUALITY AND HEALTH (5) [Offerings](#)

This course examines the concepts, theories, and methods of sociology as they are applied to the field of medicine. Students planning to take the new MCAT, and those interested in understanding key sociological concepts, will investigate the social determinants of health, health care systems, epidemiology, the effects of health institutions on the individual and society, and other substantive topics in medical health study.

Attributes: Upper-Division, Ways of Engaging **Prerequisites:** PPHS 1800: D or better

SOC 3215: SOCIAL INEQUALITY: POWER AND PRIVILEGE (5) [Offerings](#)

SOC 1110 is a recommended prerequisite for this course. Analyzes societal organization based on residence, occupation, community, class and race, power structure in the community, and social-mobility patterns.

Attributes: Cultural Understand&Engagement, Upper-Division

SOC 3320: HOMELESSNESS IN AMERICA (5) [Offerings](#)

This course is an introduction to the study of homelessness in an American context. The course explores multiple aspects of homelessness, primarily in an urban environment, and relies on a range of theoretical perspectives and methodological approaches. Major questions about the causes and consequences of homelessness, socio-demographic factors associated with homelessness, and responses to homelessness are addressed. Through the faces, lives and stories of homeless men and women students will gain a deeper understanding of the complexities around the homeless population.

Attributes: Upper-Division

SOC 3370: SOCIOLOGY OF DEVIANCE (5) [Offerings](#)

SOC 1110 is a recommended prerequisite for this course. This course explores the social origins of how and why certain behaviors, conditions and ideas are defined as deviant, as well as the enforcement of norms and the sanctioning of deviance. The theoretical foundations of the sociology of deviance will be studied through various topics, including substance abuse, violent and white-collar crime, academic dishonesty, heresy, and more.

Attributes: Upper-Division

SOC 3372: EXPLAINING EVIL: WHY PEOPLE DO BAD THINGS (5) [Offerings](#)

This course focuses on how the social sciences allow us to better understand our dual natures as both created in God's image and as fallen creatures. In other words, how do the social sciences allow us to better understand good and evil in the social world? Questions that will be addressed in this seminar include: What is human nature? Does egoism trump altruism? Are some people born bad? Are we all capable of extreme forms of evil? How sharp is the line between a hero and a villain? Are groups more evil than the individuals that compose them? These issues will be explored through reading scholarly research and applying that research to examples found in the real world.

Attributes: Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded.

SOC 3440: SMALL GROUP DYNAMICS (5) [Offerings](#)

Friendship cliques, families, governmental committees, juries, and gangs are all small groups. While these kinds of groups are quite different in many respects, they also display some important common features. This course will explore some of the common features that exist across the range of small groups we all participate in daily. In particular this course will examine: (1) the internal processes and structures of small groups, (2) the impact of small groups on their individual members, and (3) the relationship of small groups to larger social structures.

Attributes: Upper-Division

SOC 3650: BORDER CROSSINGS: IMMIGRANTS, REFUGEES & DREAMERS (5) [Offerings](#)

This course considers the implications of immigration policies in the U.S and other western nations. Students learn to understand migratory streams in historical perspective and think about international migration as the product of various social forces. We attempt to understand why countries enact the immigration policies that they do, and how these policies shape the experiences of immigrant groups before and after reaching their destination. Key modules: migrants in transit, refugees & asylum seekers, cultural assimilation, gender and race in immigration policies, etc. Typically offered: Spring.

Attributes: Upper-Division

SOC 3750: LATIN AMERICA (5) [Offerings](#)

SOC 1110 is a recommended prerequisite for this course. Traces the history of Latin America with particular attention to the development of political, economic, social, and religious institutions.

Equivalents: HIS 3750 **Attributes:** Cultural Understand&Engagement, Upper-Division **Restrictions:** Freshman students are excluded.

SOC 3751: INTRODUCTION TO RESEARCH METHODS (5) [Offerings](#)

SOC 1110 is a recommended prerequisite. Explores the process of social research, the nature of scientific inquiry, and basic research design including surveys, experiments, field research, and unobtrusive methods. Note: PSY 3588 may be substituted for SOC 3751 in sociology and related majors although SOC 3751 is the preferred course. Students may not receive credit for both SOC 3751 and PSY 3588.

Equivalents: PSY 3588 **Attributes:** Upper-Division, Writing "W" Course **Restrictions:** Sociology Majors only. Freshman, Sophomore students are excluded. **Prerequisites:** (SOC 2360: C- or better OR PSY 2360: C- or better OR MAT 2360: C- or better)

SOC 3862: RACE AND ETHNICITY (5) [Offerings](#)

SOC 1110 is a recommended prerequisite for this course. Comparative study of the nature of minority relations, methods and problems of group adjustment, and positions of various minority groups in the United States and other multiracial societies.

Attributes: Cultural Understand&Engagement, Upper-Division

SOC 4210: GENDER IN THE GLOBAL CONTEXT (5) Offerings

SOC 1110 is a recommended prerequisite for this course. An exploration into the variety of conditions that constrain the material, social and spiritual well-being of women around the world. The course will examine how contemporary global processes of social and economic change impact women and how "development" could better address their needs.

Attributes: Cultural Understand&Engagement, Upper-Division **Restrictions:** Junior, Post-Baccalaureate, Senior students only.

SOC 4250: LAW, INJUSTICE, AND SOCIAL CHANGE (5) Offerings

This advanced course examines the relationship between law, justice, and social change, addressing how law and justice intersect to impact social change. The course explores how law shapes and is shaped by individuals, groups, organizations, and various levels of government. The course covers theoretical approaches to the sociology of law, the role of law and justice in society, and the implications for social change.

Equivalents: CRIM 4250 **Attributes:** Upper-Division **Restrictions:** Freshman students are excluded.

SOC 4252: SOCIOLOGY OF FAMILY (5) Offerings

SOC 1110 is a recommended prerequisite for this course. This is an advanced course examining the Family from a macro-sociological perspective as a social institution deeply embedded in and integrated through larger economic, historical, and cultural processes. The class focuses on the dynamics of the contemporary institution of the American family, examining how changing social processes cause stresses and generate problems within the family.

Attributes: Upper-Division

SOC 4440: SOCIAL PSYCHOLOGY (5) Offerings

SOC 1110 is a recommended prerequisite for this course. Studies the relationship between the individual and the group. Includes the major theories, methodological approaches, and substantive areas of investigation that figure prominently in social psychology (e.g., aggression, conformity, social perception, attribution processes, interpersonal attraction, altruism). PSY 3438 may be substituted for SOC 4440 in the sociology major, although SOC 4440 is the recommended course. Students may not receive credit for both SOC 4440 and PSY 3438.

Equivalents: PSY 3438 **Attributes:** Upper-Division

SOC 4620: SECTS, CULTS, AND VIOLENCE (5) Offerings

This course situates sects and cults as New Religious Movements (NRMs) within the social institution of religion. The course examines the diversity of these movements, making sense of them sociologically to understand how sects and cults emerge, how they differ from one another, and why some become violent.

Attributes: Upper-Division

SOC 4702: CLASSICAL SOCIOLOGICAL THEORY (5) Offerings

SOC 1110 is a recommended prerequisite for this course. Explores the major theoretical issues raised by classical theorists such as Weber, Simmel, Marx, Durkheim, and Mead, and their influence on contemporary social theory.

Attributes: Upper-Division, Writing "W" Course

SOC 4820: SOCIOLOGY OF RELIGION (5) Offerings

SOC 1110 is a recommended prerequisite for this course. An analysis of religion as a social institution, including the rise of

SOC 1110 is a recommended prerequisite for this course. An analysis of religion as a social institution, including the rise of Christianity; religious social perspectives; conversion and commitment processes; sect and cult; charisma and its routinization; religion and inequality; secularization; and social change.

Attributes: Upper-Division

SOC 4870: ADVANCED RESEARCH (3) [Offerings](#)

This course is designed for senior-level sociology majors who are interested in further developing the research skills they acquired in SOC 3751: Introduction to Research Methods. Students will complete an independent research project while learning advanced methodological techniques used in social research. We will theory development, project design, data management, and advanced statistical analysis. Students will complete an independent research project to present at a local and/or regional research conference. Typically offered: Winter.

Attributes: Upper-Division **Prerequisites:** SOC 3751: B or better

SOC 4899: SOCIOLOGY CAPSTONE SEMINAR (3) [Offerings](#)

SOC 1110 is a recommended prerequisite for this course. Provides an opportunity for students to reflect upon the discipline of sociology, what they have learned in their sociological studies, and the significance of sociology in providing an ongoing perspective for understanding the world. Further, students will be asked to think about how their faith perspective intersects with a sociological approach to understanding human life. Appropriate readings will be assigned to facilitate thought and discussion.

Attributes: Upper-Division **Restrictions:** Sociology Majors only. Post-Baccalaureate, Senior students only.

SOC 4900: INDEPENDENT STUDY (1-5) [Offerings](#)

SOC 1110 is a recommended prerequisite for this course. Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 6 credits.

Attributes: Upper-Division

SOC 4910: SEMINAR (1-5) [Offerings](#)

Designed primarily for senior-level sociology majors, this course provides a seminar experience (intensive reading, discussion, and/or data analysis) in a variety of topics that reflect the research interests of the instructor. Advanced students in other majors may contact individual instructors to see if they are eligible to register for the class. May be repeated for credit up to 12 credits.

Attributes: Upper-Division **Restrictions:** Sociology Majors only.

SOC 4920: READINGS IN SELECTED FIELDS (1-5) [Offerings](#)

Prerequisites: 15 upper-division credits of B work in the discipline; SOC 1110 is also recommended. May be repeated for credit up to 10 credits.

Attributes: Upper-Division

SOC 4930: PRACTICUM IN SOCIOLOGY (1-15) [Offerings](#)

SOC 1110 is a recommended prerequisite. Provides field experience for those students seeking opportunities in direct services, particularly in the area of case management. These students will relate sociological methods and social-work skills to an applied setting. A learning contract describing learning objectives must be developed by the student and approved by the faculty sponsor. Additional information and all placement approvals are obtained from the internship coordinator for the Sociology Department. A maximum of 10 credits may apply to the major and no credits may apply to the minor. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** (SOC 2310: D or better OR SOS 2310: D or better OR SOC 4310: D or better OR SOS 4310: D or better) AND (SOC

4380: D or better OR SOS 4380: D or better) AND (SOC 4308: D or better OR SOS 4308: D or better)

SOC 4940: INTERNSHIP IN SOCIOLOGY (1-5) [Offerings](#)

Provides opportunities for students to integrate course learning in Sociology with applied field experience. The internship program is designed for Junior or Senior Sociology majors in good standing. In addition to field hours, students can choose among three writing assignment options. Internships will be under the direction of the internship coordinator in the Sociology department and must be of clear sociological relevance. A minimum of 5 hours per week of field work is required for all internships. Each credit is roughly equivalent to 4 hours per week. A maximum of 10 credits may be applied to the major and no credits may apply to a Sociology minor. May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

SOC 4951: SPECIAL TOPICS (5) [Offerings](#)

Topics will vary. May be repeated for credit 1 time.

Attributes: Upper-Division

SOC 4970: INDEPENDENT RESEARCH (1-5) [Offerings](#)

SOC 1110 is a recommended prerequisite for this course. Prerequisite: B work in the discipline. A maximum of 10 credits may apply to the major and no credits may apply to the minor. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

Political Science

[POL 1110](#) | [POL 1120](#) | [POL 2000](#) | [POL 2320](#) | [POL 2330](#) | [POL 2464](#) | [POL 2500](#) | [POL 2641](#) | [POL 2642](#) | [POL 2900](#) | [POL 3000](#) | [POL 3050](#) | [POL 3100](#) | [POL 3125](#) | [POL 3170](#) | [POL 3300](#) | [POL 3310](#) | [POL 3320](#) | [POL 3330](#) | [POL 3345](#) | [POL 3400](#) | [POL 3410](#) | [POL 3430](#) | [POL 3435](#) | [POL 3440](#) | [POL 3450](#) | [POL 3550](#) | [POL 3670](#) | [POL 3677](#) | [POL 3780](#) | [POL 4000](#) | [POL 4310](#) | [POL 4336](#) | [POL 4450](#) | [POL 4451](#) | [POL 4452](#) | [POL 4641](#) | [POL 4642](#) | [POL 4643](#) | [POL 4899](#) | [POL 4900](#) | [POL 4911](#) | [POL 4920](#) | [POL 4931](#) | [POL 4940](#) | [POL 4950](#)

POL 1110: INTRODUCTION TO POLITICS (5) Offerings

Analyzes the theory and practice of politics by discussing different approaches to the nature of political knowledge and the significance that this knowledge has for political leadership and citizenship. Although the focus is primarily on political behavior in the United States, opportunity will be taken to examine political practices within other countries (comparative politics) and among other countries (international relations).

Attributes: WK Social Sciences

POL 1120: AMERICAN GOVERNMENT AND POLITICS (5) Offerings

Surveys the founding principles of the American political system and examines the development and operation of major national institutions such as Congress, the presidency, the bureaucracy, the Supreme Court, political parties and the media.

Attributes: WK Social Sciences

POL 2000: VOCATIONS IN POLITICAL SCIENCE: LAW, GOVERNMENT, AND INTERNATIONAL AFFAIRS (1)

Offerings

The discipline of political science prepares students for a diverse set of professions: law, public policy, government, civil society, military service, and international affairs. The course will examine the various fields set out above - encompassing all tracks within the major - as well as options for graduate training in those areas. At the same time, the course encourages students to reflect more deeply on their individual vocation and the diverse paths to professional success in their chosen field, e.g. the foreign service, law, civil service, etc. The course's pre-professional focus also serves to deepen the integration of political science within the School of Business, Government, and Economics.

POL 2320: COMPARATIVE POLITICAL SYSTEMS (5) Offerings

Analyzes how nations are governed. Democracies, authoritarian systems and developing countries are studied in light of political analysis and with attention to basic questions of human well-being.

POL 2330: INTERNATIONAL RELATIONS (5) Offerings

Introduces the international political system, contrasting concepts of national interest to increasing global interdependence. Discusses interactions among ideals and realities in national and global policy-making processes, and their relationship to individual citizens.

Attributes: Cultural Understand&Engagement, WK Social Sciences

POL 2464: STATE AND LOCAL POLITICS (5) Offerings

Analyzes contemporary state and local governmental institutions and how they operate within America's federal system. Special emphasis on public policy issues such as health care, crime, education, welfare and land use. Typically offered: Alternate Years.

POL 2500: INTEGRATED TOPICS IN BUSINESS, ECONOMICS AND POLITICAL SCIENCE (5) [Offerings](#)

Many of today's persistent social problems are so intractable precisely because they are complicated problems. They cut across so many domains of life that they defy easy solution. Therefore, to solve them one must tackle multiple dimensions. To that end, this class will consider a single social issue or problem from multiple disciplinary perspectives. A portion of each term will be taught by faculty members from different disciplines within SBGE and will address economic, political/ governmental, and commercial/ market-based considerations. May be repeated for credit 2 times.

Equivalents: BUS 2500, ECN 2500 **Attributes:** Ways of Engaging **Restrictions:** Undergraduate only.

POL 2641: CHRISTIANITY AND AMERICAN POLITICS (5) [Offerings](#)

Explores the benefits and dangers of Christian involvement in American politics from the start of the nation to today. Topics addressed include the role of Christianity in America's founding, the reasons for religious liberty and practical guidelines for Christians seeking to influence public policy. Uses case studies of actual political controversies.

POL 2642: CHRISTIANITY AND WORLD POLITICS (5) [Offerings](#)

Explores the role of Christians in world politics from the early church to today. Topics include the changing relationship between church and state, the witness of Christians under totalitarianism, the development of the idea of religious liberty and political conflicts over social justice. Typically offered: Alternate Years.

Attributes: Ways of Engaging

POL 2900: FOUNDATIONS FOR LEADERSHIP (5) [Offerings](#)

This course examines the implications of the Christian faith for leadership and statecraft. Of particular focus are issues of personal motivation, character and spirituality as they relate to politics and organizational leadership. Typically offered: Alternate Years.

POL 3000: AFRICAN DEVELOPMENT (5) [Offerings](#)

Prerequisites: POL 2320 or (ECN 2101 and ECN 2102). This course provides an overview of the key issues in 20th and 21st century African development. Beginning with the legacy of colonialism, in the first half of this course we explore how geography, ethnic conflict, weak institutions, and political instability consistently undermined both economic growth and poverty alleviation in Africa. In the second half, we examine the shift out of historic "poverty traps" in Africa, looking at the role played by processes of state consolidation, governance reforms, foreign direct investment, economic diversification, and greater integration in the global economy.

Equivalents: GDEV 3000, ECN 3000 **Attributes:** Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

POL 3050: INSTITUTIONS AND INSTITUTIONAL ANALYSIS (5) [Offerings](#)

This course begins by asking the question: What are institutions and why do they matter? We cover the major concepts in Neo-Institutional Economics (NIE) and examine the relationship between institutions and individual decision making. By understanding the position institutions play in choice situations, we are able to shed important new light on questions of poverty, development, conflict, and political order.

Equivalents: ECN 3050, GDEV 3050 **Attributes:** Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** POL 2320: D or better OR (ECN 2101: D or better AND ECN 2102: D or better)

POL 3100: EAST ASIAN POLITICS & ECONOMIC DEVELOPMENT (5) [Offerings](#)

The countries of China, South Korea, Japan, and Taiwan have moved more people out of poverty at a faster pace than any other

region at any time in the history of the world. At the same time, several of these states have achieved the goal of establishing stable, consolidated liberal democracies. This course sets out the competing theories that explain the political and economic development of the region.

Equivalents: ECN 3100, GDEV 3100 **Attributes:** Upper-Division **Prerequisites:** POL 2320: D or better OR (ECN 2101: D or better AND ECN 2102: D or better)

POL 3125: ISSUE SEMINAR (3-5) Offerings

Current and enduring national and world issues are analyzed in the context of political science methods, concepts and Christian ethical standards. Topic varies. (Example: "Morality and Politics.") Course may be taken again as long as the topic is different. May be repeated for credit 4 times.

Attributes: Upper-Division

POL 3170: GEOPOLITICS (5) Offerings

Current world events are explored, from a variety of social-science disciplines e.g., political science, history, economics and political geography. Topics vary, but always include an examination of Christian views on geopolitical conflicts and the role of international law in solving disputes.

Equivalents: GEO 3170 **Attributes:** Upper-Division **Restrictions:** Freshman students are excluded.

POL 3300: THE POLITICAL ECONOMY OF REFORM, STUDY ABROAD TO HAVANA, CUBA (5) Offerings

This study abroad program is designed to introduce students to fascinating history, contemporary society and future direction of one of our country's closest, yet least accessible neighbors. Visiting Historical sites, cultural centers, interacting with young entrepreneurs and ageing revolutionaries, we will explore Cuba's social and political triumphs and struggles to witnessing history in the making.

Attributes: Upper-Division, Ways of Engaging

POL 3310: CHINESE POLITICS: FROM THE REVOLUTION TO TODAY (5) Offerings

This course examines the development of Chinese politics from the revolutionary period through to the present day. Particular attention is paid to the Deng Xiaoping era and the dynamics of the economic and governance reforms that began in the 1980s as well as contemporary challenges for China's leaders, such as environmental protection and corruption.

Attributes: Upper-Division

POL 3320: POLITICAL AND ECONOMIC DEVELOPMENT OF NATIONS (5) Offerings

Studies theories and experiences of "nation-building," both political and economic, primarily in Lesser Developed Countries. Evaluates concepts of authority, economic growth and human well-being, and the policies used to achieve these in different cultures and systems.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Economics, Global Development Studies, Political Science, Politics, Philosophy & Econ Majors only. Freshman students are excluded. **Prerequisites:** POL 2320: D or better

POL 3330: GLOBAL WOMEN'S ISSUES (5) Offerings

Examines global, political, social, and economic issues as they apply to women in global politics. Special focus will be given to geographic factors and how women and feminist theory fit into current political theory, the roles of women in developing countries, and what women can and are doing to change the world around them.

Attributes: Cultural Understanding & Engagement, Upper-Division, Ways of Engaging **Restrictions:** Freshman

Attributes: Cultural Understand&Engagement, Upper-Division, Ways of Engaging Restrictions: Freshman students are excluded.

POL 3345: RUSSIA AND CENTRAL ASIA: FROM EMPIRE TO NATION STATES (5) Offerings

Surveys history, geography, politics, and economies of Russia and its southern periphery. Examines impact of tsarist and Soviet legacies on today's Russian federation and eight countries that make up the newly independent states of the Caucasus and Central Asia. Special focus is given to Russia's role in international geopolitics and the global economy.

Equivalents: HIS 3345 **Attributes:** Upper-Division **Restrictions:** Freshman students are excluded.

POL 3400: INTERNATIONAL ORGANIZATIONS (3) Offerings

An exploration of the history, formation, institutions and current role of intergovernmental and nongovernmental organizations in the global community with special emphasis on the United Nations.

Attributes: Cultural Understand&Engagement, Upper-Division

POL 3410: MORAL FOUNDATIONS OF DEMOCRACY (5) Offerings

Reviews the classical, modern and Christian contributions to the development of Western democratic thought. Analyzes a wide range of critical political opinion and biblical literature in order to understand the moral foundations of Western democracy. Thinkers reviewed include Plato, Tocqueville, Augustine, Madison, Jefferson, and Lincoln. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman students are excluded.

POL 3430: THE PRESIDENCY AND CONGRESS: POLITICS OF NATIONAL LEADERSHIP (5) Offerings

Analyzes executive-legislative relations by reviewing Constitutional principles and the political culture of the Washington community, with emphasis on the presidency as an instrument of national leadership. Typically offered: Alternate Years.

Attributes: Upper-Division, Ways of Engaging, Writing "W" Course **Restrictions:** Freshman students are excluded.

POL 3435: MARXISM: 20TH CENTURY THEORY AND PRACTICE (3) Offerings

Examines the development of varieties of Marxist theory and practice in the 20th century. Compares the Soviet, European, Chinese and Latin American experiences with Marxist thought and practice. Typically offered: Alternate Years.

Equivalents: ECN 3435, HIS 3435 **Attributes:** Upper-Division **Restrictions:** Freshman students are excluded.

POL 3440: WAR, PEACE AND WORLD ORDER (5) Offerings

This course explores the issues of war and peace in the international system. It introduces key political science concepts and analytical tools for the study of world affairs, and applies them to explore the conditions and strategies affecting conflict, peace, and their evolution over time.

Equivalents: HIS 3440 **Attributes:** Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded.

POL 3450: POLITICS, PARTIES AND INTEREST GROUPS (3) Offerings

Examines the role of political parties in contemporary American government and the implications of weakened parties for governing. The place of interest groups and political action committees is also surveyed, with special attention to the roles PACS play in campaigns and elections. Students who are taking the course to fulfill the capstone requirement should enroll in POL 4899. Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman students are excluded.

Attributes: Upper-Division, writing "W" Course **Restrictions:** Freshman students are excluded.

POL 3550: SOCIAL DARWINISM AND POLITICS (5) [Offerings](#)

Explores the impact of Darwinism and scientific materialism on such fields as criminal justice, medicine, economics, welfare and education during the past century. Topics include eugenics, the Scopes trial, biological defenses in criminal law and evolutionary theories of morality. Typically offered: Alternate Years.

Attributes: Upper-Division, Ways of Engaging, Writing "W" Course

POL 3670: HISTORY OF AMERICAN FOREIGN RELATIONS (5) [Offerings](#)

Studies the United States as a participant in the international system, from colonial dependency to superpower. Proposes a theoretical model for interpreting American foreign policy and applies this framework to historical events considered chronologically. Considers questions of morality in relation to foreign policy.

Equivalents: HIS 3670 **Attributes:** Upper-Division, Ways of Engaging, Writing "W" Course **Restrictions:** Freshman students are excluded.

POL 3677: URBAN POLITICS (5) [Offerings](#)

Explores generally from multidisciplinary perspectives the character and content of cities. Topics include attitudes about cities over time, the changing economic base of cities and selected contemporary land-use and urban planning problems.

Attributes: Upper-Division, Ways of Engaging

POL 3780: LAW AND SOCIETY (5) [Offerings](#)

Studies the role of law in society and provides an introduction to the American legal system. Includes case studies of such issues as product liability, environmental law, civil disobedience and assisted suicide. Features guest speakers from the legal community. Especially recommended for students considering law school.

Attributes: Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded.

POL 4000: PUBLIC POLICY AND ADMINISTRATION (5) [Offerings](#)

A study of public policy-making, with special attention paid to the policy process in its implementation and evaluation stages. Using case studies, analyses of specific policies are undertaken in such areas as budgeting, education, civil rights, energy and social services. Typically offered: Alternate Years.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

POL 4310: INTERNATIONAL POLITICAL ECONOMY (5) [Offerings](#)

Examines the nature and dynamics of the global economy in relation to the economies and political systems of nations and to theories and models of national, regional and global economic growth. International trade, business and government policy are studied in this context.

Equivalents: ECN 4310 **Attributes:** Upper-Division **Restrictions:** Freshman students are excluded.

POL 4336: CYBERSECURITY (5) [Offerings](#)

Cybersecurity is the domain of war and peace as much as work and leisure. All information is potentially vulnerable to cyber manipulation, requiring new analytics and security strategies. Challenges span geopolitics and technology as well as business, government, and private lives in the global economy. This course will accessibly cover cybersecurity matters essential to life, work, policy, and international relations in our Information Age. The course will enhance analytical and strategic skills, foster a

comprehensive understanding of this diverse field, and encourages application to and exploration of particular areas of interest to each student.

Attributes: Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded.

POL 4450: AMERICAN CONSTITUTIONAL LAW: FEDERALISM AND SEPARATION OF POWERS (5) [Offerings](#)

A study of the U.S. Constitution and the Supreme Court, and the role of "constitutional" law in American government and society, with special attention given to cases dealing with federalism and separation of powers. Recommended for students interested in law school. Typically offered: Alternate Years.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** POL 3780: D or better

POL 4451: AMERICAN CONSTITUTIONAL LAW: CIVIL LIBERTIES AND CIVIL RIGHTS (5) [Offerings](#)

A study of the U.S. Constitution and Supreme Court and the role of "constitutional" law in American government and society, with special attention given to cases dealing with civil liberties and civil rights. Recommended for students interested in law school. Typically offered: Alternate Years.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded. **Prerequisites:** POL 3780: D or better

POL 4452: INTERNATIONAL LAW (3) [Offerings](#)

An exploration of the intricacies of international law including its creation, different legal processes, and institutions that deal with international law as well as some of the main legal issues, pivotal cases, customs, laws and treaties that form the body of international law.

Attributes: Cultural Understand&Engagement, Upper-Division **Restrictions:** Freshman students are excluded.

POL 4641: THEORIES OF THE POLITICAL SYSTEM: ANCIENT (5) [Offerings](#)

Explores major themes of normative political thought by reviewing key works of such thinkers as Plato, Aristotle and Augustine. Reviews the nature of justice and governance, of citizenship and obedience, and examines a variety of Christian perspectives on these issues.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman students are excluded. **Prerequisites:** POL 1110: D or better

POL 4642: THEORIES OF THE POLITICAL SYSTEM: MODERN (5) [Offerings](#)

Explores major themes of normative political thought by reviewing the key works of such thinkers as Aquinas, Machiavelli, Locke and Rousseau. Reviews the nature of justice and governance, of citizenship and obedience, and examines a variety of Christian perspectives on these issues.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman students are excluded. **Prerequisites:** POL 1110: D or better

POL 4643: METHODS OF POLITICAL ANALYSIS (5) [Offerings](#)

Explores approaches and methods by which political scientists work with empirical evidence to develop knowledge and theory about the nature of political behavior in society. Students are strongly encouraged to take this course during their junior year whenever possible.

Attributes: Upper-Division **Restrictions:** Political Science, Politics, Philosophy & Econ Majors only. Freshman students are excluded. **Prerequisites:** BUS 1700: D or better OR Spreadsheets Competency (SBGE): P or better

POL 4899: POLITICAL SCIENCE CAPSTONE SEMINAR (3) [Offerings](#)

Provides an in-depth exploration of a specific issue or topic so that graduating seniors can synthesize and apply the knowledge and skills they have acquired while studying political science. Topics vary. May be repeated for credit 3 times.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Post-Baccalaureate, Senior students only.

POL 4900: INDEPENDENT STUDY (1-5) [Offerings](#)

Prerequisites: Junior standing; at least 15 credits in political science. Designed to develop intensive examination of selected areas of interest in political thought, institutions or behavior through a program of directed readings and/or research approved by a political science faculty member. (Maximum of 10 credits applicable to POL major.) May be repeated for credit up to 15 credits.

Attributes: Upper-Division **Restrictions:** Freshman, Sophomore students are excluded.

POL 4911: ADVANCED SEMINAR: (1-5) [Offerings](#)

Prerequisite: Upper-class standing. Seminars studying theoretical and/or practical issues in politics, government and political science. See current Time Schedule for topics. Students who are taking this course to fulfill the capstone requirement should enroll in POL 4899. May be repeated for credit up to 25 credits.

Attributes: Upper-Division, Writing "W" Course **Restrictions:** Freshman students are excluded.

POL 4920: DIRECTED READINGS (1-5) [Offerings](#)

Directed readings to be arranged with the instructor of the course. Consists of a bibliography compiled with assistance of instructor and a corresponding number of critical review essays of the readings. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

POL 4931: POLITICAL SCIENCE PRACTICUM (1-5) [Offerings](#)

Political Science Practicum May be repeated for credit up to 10 credits.

Attributes: Upper-Division

POL 4940: POLITICAL INTERNSHIPS (1-15) [Offerings](#)

Prerequisites: Junior standing and at least 15 credits in political science. Provides opportunities for practical experience in national, state or local governmental bodies and agencies or political organizations. Available with a program designed in advance and approved by a political science faculty member. (Maximum of 10 credits applicable to POL major.) May be repeated for credit up to 30 credits.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

POL 4950: SPECIAL TOPICS (1-5) [Offerings](#)

Students who are taking this course to fulfill the capstone requirement should enroll in POL 4899. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

Urban Studies

[URB 3360](#) | [URB 4900](#) | [URB 4940](#)

URB 3360: MAPPING CRIME: GEOGRAPHIC INFO (5) Offerings

This course introduces students to the use of Geographic Information Systems to learn how to use GIS software to map geographic features related to crime. Students will be equipped to locate and use datasets related to patterns of crime and the built environment.

Equivalents: CRIM 3360 **Attributes:** Upper-Division **Restrictions:** Freshman students are excluded.

Prerequisites: SOC 2360: D or better OR PSY 2360: D or better OR CRIM 2360: D or better

URB 4900: INDEPENDENT STUDY (1-5) Offerings

Student works independently with a faculty member on a mutually agreed upon topic. May be repeated for credit up to 6 credits.

Attributes: Upper-Division

URB 4940: INTERNSHIP (1-5) Offerings

Internships provide opportunities for students to integrate course learning in Urban Studies with applied field experience. The internship program is designed for Junior or Senior Urban Studies majors in good standing. In addition to field hours, students can choose among four internship areas. Internships will be under the direction of the internship coordinator in the Urban Studies department. A minimum of 15 hours per week of field work is required for all internships. A maximum of 10 credits may be applied to the Urban Studies major and 5 credits may apply to an Urban Studies minor. May be repeated for credit up to 10 credits.

Attributes: Upper-Division **Restrictions:** Urban Studies Majors only. Junior, Senior students only. **Prerequisites:** (URB 2620: D or better OR SOC 2620: D or better)

Women's Studies

[WST 2350](#) | [WST 3000](#) | [WST 4940](#) | [WST 4960](#)

WST 2350: INTRODUCTION TO WOMEN'S STUDIES (5) Offerings

This course provides an introductory survey to the interdisciplinary field of Women's Studies, examining the social, cultural, political, economic and religious constructions of power and privilege that intersect to shape women's lives.

Attributes: Cultural Understand&Engagement

WST 3000: ISSUES IN WOMEN'S HEALTH (3) Offerings

Examines selected issues in women's health care, including issues within the existing health care system, ways to reclaim and reshape women's care for themselves, and sociopolitical activities that facilitate health care for women across the globe.

Equivalents: HSC 3000 **Attributes:** Upper-Division

WST 4940: INTERNSHIP (1-5) Offerings

The internship in Women's Studies provides opportunities for students to integrate course learning with applied field experience working in a variety of contexts with women and/or women's issues. May be repeated for credit up to 6 credits.

Attributes: Upper-Division

WST 4960: INDEPENDENT PROJECT (1-5) Offerings

A final, independent project in women's studies that consists of an individual research project, investigating some topic in depth. May be repeated for credit up to 5 credits.

Attributes: Upper-Division

Theology

[THEO 1201](#) | [THEO 1202](#) | [THEO 1203](#) | [THEO 2400](#) | [THEO 2620](#) | [THEO 2710](#) | [THEO 2720](#) | [THEO 2721](#) | [THEO 2730](#) | [THEO 2735](#) | [THEO 3100](#) | [THEO 3110](#) | [THEO 3210](#) | [THEO 3250](#) | [THEO 3255](#) | [THEO 3260](#) | [THEO 3301](#) | [THEO 3302](#) | [THEO 3303](#) | [THEO 3305](#) | [THEO 3331](#) | [THEO 3401](#) | [THEO 3403](#) | [THEO 3500](#) | [THEO 3501](#) | [THEO 3510](#) | [THEO 3540](#) | [THEO 3601](#) | [THEO 3610](#) | [THEO 3630](#) | [THEO 3640](#) | [THEO 3710](#) | [THEO 3715](#) | [THEO 3722](#) | [THEO 3730](#) | [THEO 3732](#) | [THEO 3733](#) | [THEO 3734](#) | [THEO 3735](#) | [THEO 3780](#) | [THEO 4100](#) | [THEO 4290](#) | [THEO 4401](#) | [THEO 4402](#) | [THEO 4602](#) | [THEO 4603](#) | [THEO 4610](#) | [THEO 4620](#) | [THEO 4720](#) | [THEO 4730](#) | [THEO 4731](#) | [THEO 4733](#) | [THEO 4735](#) | [THEO 4736](#) | [THEO 4780](#) | [THEO 4899](#) | [THEO 4900](#) | [THEO 4911](#) | [THEO 4930](#) | [THEO 4931](#) | [THEO 4940](#) | [THEO 4950](#) | [THEO 4995](#)

THEO 1201: HEBREW I (4) Offerings

Surveys the essentials of biblical Hebrew, including grammar, morphology, syntax, and vocabulary, through the translation of selected Old Testament texts.

THEO 1202: HEBREW II (4) Offerings

Continues to survey the essentials of biblical Hebrew, including grammar, morphology, syntax and vocabulary, through the translation of selected Old Testament texts. This course is meant to be taken in a sequence with Hebrew I. If the sequence is interrupted, a placement exam must be passed before the second quarter begins.

THEO 1203: HEBREW III (4) Offerings

Continues to survey the essentials of biblical Hebrew, including grammar, morphology, syntax and vocabulary. It seeks to provide a beginning knowledge of the exegetical task and the tools to achieve it. This course is meant to be taken in a sequence with Hebrew I and II. If the sequence is interrupted, a placement exam must be passed before the third quarter begins. Includes a translation of the book of Jonah.

THEO 2400: SEEING GOD IN OUR WORLD (5) Offerings

This course introduces theological thought and practice by exploring three varying models of theological inquiry. Students will examine three significant theologians, their historical context, their relationship to broader Christian traditions, and their significance for Christian theology with attention to how they might inform how we do theology in our world today.

THEO 2620: INTRODUCTION TO GLOBAL AND URBAN MINISTRY (5) Offerings

This course provides an overview of the city in contemporary society. It introduces the student to the vocabulary, strategies, models, and theological foundations for urban ministry within a global context.

Attributes: Cultural Understand&Engagement

THEO 2710: FOUNDATIONS FOR EDUCATIONAL MINISTRY (5) Offerings

Introduces students to the definition, scope, and nature of the Church's teaching ministry. The task of educational ministry is designing teaching/learning experiences and environments that facilitate Christian formation. Students will examine the theological, historical, philosophical, and psycho-social foundations for educational ministry.

THEO 2720: DESIGNING AND LEADING BIBLE STUDIES (5) Offerings

Provides a systematic approach to curriculum development and instructional theory for Christian education including theological, sociological, and psychological concerns at each age level. Emphasis is on effective Bible teaching.

Prerequisites: THEO 2710: D or better

THEO 2721: FOUNDATIONS OF THE SPIRITUAL LIFE (3) Offerings

This course explores conceptions and practices of Christian Spirituality - the lived experience of faith - from scriptural, historical, theological, and practical perspectives. In it, students will examine diverse expressions of spiritual life from the breadth and depth of the Christian tradition, and have the opportunity to practice and reflect upon devotional exercises that nurture a critically imaginative relationship with God and Neighbor.

Attributes: Ways of Engaging

THEO 2730: BIBLICAL AND THEOLOGICAL INTRODUCTION TO CHRISTIAN RECONCILIATION (5) Offerings

This gateway course to the Reconciliation Studies Minor introduces students to the theology and practice of Christian reconciliation. It provides an overview of the biblical and theological foundations of reconciliation with God in Christ, an exploration of the ethical implications of the doctrine, and a survey of its most prominent historical expressions. The class also helps students to understand the way in which reconciliation studies connect with SPU's mission, history and Wesleyan heritage. Finally, this course will require each student to establish an intended approach to the minor and explain their conception of how it fits with their major.

Attributes: Cultural Understand&Engagement, Ways of Engaging

THEO 2735: CHRISTIAN DISCIPLESHIP (3) Offerings

The principles of discipleship and spiritual direction to the laity coupled with examples from congregational life will be central to this course. Students will develop ability to articulate their spiritual journey as well as cultivating their attending, discerning and helping skills.

THEO 3100: COMMUNITY BIBLE STUDY (2) Offerings

Study of a selected book or particular theme of the Bible. Each quarter a new book or theme will be explored with particular attention given to its part in the formation of Christian life. All members of the SPU community are encouraged to "tune in CBS" (community Bible study)! May be repeated for credit 9 times.

Attributes: Upper-Division

THEO 3110: TORAH/PENTATEUCH: THE OLD TESTAMENT GOSPEL (5) Offerings

This course focuses on the first five books (or scrolls: Pentateuch) of the Bible known as Torah. Sometimes narrowly translated-and narrowly understood-as law, torah also means instruction, teaching, story, and narrative. The content of the Torah will be the material used to help students go deeper with what they learned in UFDN 2000. In this course, students will learn how to utilize the various tools and methodologies of academic biblical study to explore the history, literary and theology of the first five books of the Bible.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** UFDN 2000: D or better OR UFDN 3001: D or better OR SPCC LFDN2: D or better OR SPCC UFND2: D or better

THEO 3210: FOUR GOSPELS AND ONE JESUS (5) Offerings

This course is intentionally designed to be an introduction to biblical studies for students seeking to go deeper with what they learned in UFDN 2000. In it students will learn how to utilize the various tools and methodologies of academic biblical study to explore the history, literature and theology of the four canonical gospels.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** UFDN 2000: D or better OR UFDN 3001: D or better OR SPCC LFDN2: D or better OR SPCC UFDN2: D or better

THEO 3250: BIBLICAL TEXTS: OLD TESTAMENT (5) Offerings

Text centered analysis of selected books from the Old Testament such as Genesis, 1-2 Samuel, Job, Psalms, and Isaiah. May be repeated for credit 3 times.

Attributes: Upper-Division **Prerequisites:** UFDN 2000: D or better OR UFDN 3001: D or better

THEO 3255: BIBLICAL TEXTS: NEW TESTAMENT (5) Offerings

Text centered analysis of selected books from the New Testament such as Acts, Romans, James, and Revelation. May be repeated for credit 3 times.

Attributes: Upper-Division **Prerequisites:** UFDN 2000: D or better OR UFDN 3001: D or better

THEO 3260: BIBLICAL TOPICS (5) Offerings

Considers a selected topic as it is developed throughout scripture with an eye to its contemporary relevance and the relationship between Scripture and other academic disciplines (e.g. Biology, Business, Psychology). Examples of topics considered include: the Holy Spirit, God the Creator, Political Power, The Dead Sea Scrolls, War, Human Sexuality, The Old Testament Apocryphal Books, and The Bible and Movies. May be repeated for credit 3 times.

Attributes: Upper-Division, Ways of Engaging **Prerequisites:** UFDN 2000: D or better OR UFDN 3001: D or better

THEO 3301: FROM APOSTLES TO CATHEDRALS: ANCIENT AND MEDIEVAL CHRISTIANITY (5) Offerings

A survey of Christianity from its post-apostolic origins to the end of the Middle Ages. Initially, the course evaluates the formation of orthodoxy, the challenge of heterodoxy, early monasticism, and missions to Western Europe; then it explores the achievement of the medieval Church through a study of the papacy, scholasticism, and the Crusades.

Equivalents: HIS 3401 **Attributes:** Upper-Division **Restrictions:** Freshman students are excluded.

THEO 3302: REFORMATION AND MODERN CHRISTIANITY (5) Offerings

A survey of European and Latin American Christian history from the 16th century to the present. Attention will be given to the Protestant and Catholic Reformations of the 16th century; the colonization and evangelization of the Americas in the 16th and following centuries; the rationalism, orthodoxy, and pietism of the 17th century; the revivalism of the 18th century; the historicism and liberalism in the 19th century; and the emergence of neoorthodoxy, the ecumenical movement, and liberation theologies in the 20th century.

Equivalents: HIS 3402 **Attributes:** Upper-Division **Restrictions:** Freshman students are excluded.

THEO 3303: CHRISTIANITY IN AMERICA (5) Offerings

A survey of the development of American Christian thought and institutions from the 17th century to the present. Representative works by major thinkers of different historical periods and denominational affiliations will be studied. Particular attention will be given to the contemporary religious landscape, that is, to the varieties of American church life today.

Equivalents: HIS 3406 **Attributes:** Upper-Division **Restrictions:** Freshman students are excluded.

THEO 3305: THE SCIENTIFIC REVOLUTION AND CHRISTIANITY IN REFORMATION EUROPE, 1500-1700 (5)**Offerings**

Surveys the dramatic changes in science, philosophy, and Christianity in the Western tradition 1500-1700. This is the era of the contemporaneous events we call "The Scientific Revolution" and "The Reformations." This course is a selective historical tour of the maturing of physical science (especially astronomy and cosmology) in the sixteenth and seventeenth centuries and the parallel

developments in Christianity as the new Protestant denominations were breaking away from the historic Catholic Church. We will investigate and evaluate connections, interactions, and influences between science and religion. May be repeated for credit 2 times.

Equivalents: HIS 3405 **Attributes:** Upper-Division, Ways of Engaging **Restrictions:** Freshman students are excluded. **Prerequisites:** UCOR 2000: D or better

THEO 3331: WOMEN IN CHRISTIANITY (5) Offerings

This course integrates Church history, biblical study, and Christian theology to develop students' understanding of women in Christianity. The class will include a survey of women of faith in the Bible and in Church history. Students will gain understanding of the philosophical and cultural contexts of biblical references to women and will probe the biblical texts to gain insight into their meaning and their implications for the present. Contributions that selected women have made to the church and the world will be highlighted. Theology, ministry style, community and family dynamics, and challenges faced by women today will be discussed. This course may be taken toward the Women's Studies minor.

Attributes: Upper-Division **Restrictions:** Freshman students are excluded.

THEO 3401: EXPLORING CHRISTIAN THEOLOGY (5) Offerings

In-depth study of selected areas of Christian doctrine. Deepens awareness of the biblical and practical roots of Christian doctrinal reflection as well as of the doctrinal consensus and diversity in the Christian tradition. Specific doctrinal focus will vary by quarter. Doctrinal areas regularly offered include God the Father, Christology, Holy Spirit, Trinity, theological anthropology, church and sacraments, and eschatology. May be repeated for credit 2 times.

Attributes: Upper-Division, Ways of Engaging **Prerequisites:** UFDN 3100: D or better OR SPCC LFDN3: D or better OR SPCC UFDN3: D or better

THEO 3403: HISTORY AND THEOLOGY OF CHRISTIAN WORSHIP (3) Offerings

Worship both reflects and shapes the ways in which Christian convictions are understood, experienced, and embodied by the followers of Jesus in any given historical epoch or cultural context. This course examines representative liturgical practices and worship spaces from different periods, cultures, and branches of the Christian tradition. But it will not only ask how Christians in various times and places have actually worshipped God. It will also ask how Christians ought - and ought not - to worship. It will suggest theological tests for determining when worship has degenerated into emotionalism, formalism or superstition. Students will be expected to attend Sunday worship services at several different churches in the Seattle metro area. This course may, but need not, be taken in conjunction with THEO 4930 Practicum: Christian Worship (2).

Attributes: Upper-Division, Ways of Engaging **Prerequisites:** UFDN 3100: D or better

THEO 3500: CHRIST AND CULTURE (2) Offerings

Study of a "hot button" topic of contemporary importance for Christ's people when engaging our culture to change the world. Each quarter a different topic will be studied with attention given to how theological and biblical instruction shapes distinctively Christian responses to the issues staked out. Case study approach with interactive class sessions will be the norm. All members of the SPU community, students, staff, faculty, are encouraged to participate! May be repeated for credit 9 times.

Attributes: Upper-Division

THEO 3501: CHRISTIAN ETHICS (5) Offerings

Explores the question, "What does it mean to lead a Christian life?" Discusses the practice of those spiritual disciplines and the cultivation of those moral virtues that properly characterize a follower of Jesus. Addresses several moral issues of special concern to the contemporary church, such as gender relations, sexual conduct, and the accumulation of wealth.

Attributes: Upper-Division **Prerequisites:** UFDN 3100: D or better OR SPCC LFDN3: D or better OR SPCC UFDN3: D or better

THEO 3510: THEOLOGY, CULTURE, AND SOCIETY (5) [Offerings](#)

Focuses on the public dimension of Christian life. How ought Christians to engage their culture? How do we insure that such engagement is truly Christian? Addresses several social issues of special concern to the contemporary church, such as race relations, war and peace, and the separation of church and state.

Equivalents: SJC 3510 **Attributes:** Upper-Division

THEO 3540: CREATION CARE (5) [Offerings](#)

Humans exist and interact within an ecological theater created by a relational God. Ecotheology explores the biblical and theological imperative to care for the earth leading to a vision for ecojustice and new models of authentic sustainability. This course investigates the ecological implications of Christian faith that confesses a Trinitarian understanding of God as Creator, incarnate Son, and life-giving Spirit. Integral to this study is understanding humanity's identity and mission within God's good creation, while applying the ethic of creation care to the Pacific Northwest, especially in light of the implications caused by a burgeoning economy within the fragile Salish Sea region. This course will have special appeal to students with interest in ecology and the environment within the larger interdisciplinary interaction of faith and science.

Attributes: Upper-Division, Ways of Engaging

THEO 3601: MULTIETHNIC MINISTRY (3) [Offerings](#)

Studies how the growing multiplicity of cultures affects the fabric of America, provides a theological framework for understanding ethnic differences, prepares students to minister among people different from themselves, and proposes a Christian response to multiculturalism.

Attributes: Cultural Understand&Engagement, Upper-Division

THEO 3610: LIVING IN ANOTHER CULTURE (3) [Offerings](#)

Addresses practical issues of coping, bonding, lifestyle, family, religions, medical and economic development, evangelism, worship, and team building in another culture. Required for summer ministry teams.

Attributes: Upper-Division

THEO 3630: HOLISTIC MINISTRY (3) [Offerings](#)

Assists students in the development of a practical theology of holistic ministry. Insights gained through on-site visits and classroom interviews with practitioners are balanced by theology, missiology, and social theory through analysis, research, and critique.

Attributes: Upper-Division, Writing "W" Course

THEO 3640: CROSS-CULTURAL MINISTRY (3) [Offerings](#)

This course focuses on the theology and practice of ministry in a multicultural world. Topics include intercultural competency, case studies in cultural research, and a theology of cultural engagement.

Attributes: Cultural Understand&Engagement, Upper-Division

THEO 3710: HUMAN DEVELOPMENT AND CHRISTIAN FAITH (5) [Offerings](#)

Studies the integration of theology and life span psychology in an attempt to understand the process of becoming and being Christian. Stage theories of development, human religious experience, and metaphorical and narrative theology are addressed.

Attributes: Upper-Division

THEO 3715: YOUTH CULTURES AND CHRISTIAN FAITH (3) [Offerings](#)

Examines the intersection of theology and culture as expressed among youth today. The course provides a theological critique aimed at a Christian perspective on youth culture and understanding of global culture/s, dynamics of cultural and racial, ethnic and gender differences with particular focus on adolescent sociology and faith. Attention will be focused on popular culture, mass media, fashion, consumerism, film and TV.

Attributes: Cultural Understand&Engagement, Upper-Division

THEO 3722: CHRISTIAN DISCIPLINES (2) [Offerings](#)

Course will investigate a Christian spiritual practice central to deep devotional life. Course will address a different discipline each quarter, such as prayer, Sabbath-keeping, and Spiritual retreats. May be repeated for credit 4 times.

Attributes: Upper-Division

THEO 3730: FOUNDATIONS OF YOUTH MINISTRY (3) [Offerings](#)

Provides a comprehensive overview of youth ministry from multiple perspectives. Considers theological foundations undergirding youth ministries, contextual realities surrounding youth ministries, and practical issues engaged within youth ministries. Both church and para-church ministries are examined along with topics such as adolescent development, programming, mentoring, family systems, worship, pedagogy, volunteers, and student leadership.

Attributes: Upper-Division

THEO 3732: CURRENT ISSUES IN YOUTH MINISTRY (3) [Offerings](#)

Analyzes ministry to adolescents in light of contemporary issues from theological, cultural, and practical perspectives. Specific issues will vary, but past topics have included disability, personal and systemic crisis, consumerism, postmodernism, globalization, technology, socio-economic tribalism, and racism.

Attributes: Upper-Division

THEO 3733: SMALL GROUP DYNAMICS (3) [Offerings](#)

The purpose of this course is to experience the redemptive and formative role of small groups in Christian spirituality.

Attributes: Upper-Division

THEO 3734: SPIRITUAL FRIENDSHIP (3) [Offerings](#)

This course will focus on the role of spiritual direction, mentoring and accountability in order to appreciate the role of authentic friendship as a vital aspect of the Christian life. Students will participate in reflective exercises as well as in-depth readings on the nature of authentic friendship.

Attributes: Upper-Division

THEO 3735: YOUTH MINISTRY AS MISSION AND EVANGELISM (3) [Offerings](#)

Examines youth ministry as a cross-cultural mission to adolescents in which the Body of Christ carries to them the good news of the Kingdom of God. Looks at the theological nature of mission and evangelism and the cultural world of adolescents in order to discern how to engage in this outreach within specific contexts.

Attributes: Upper-Division, Ways of Engaging

THEO 3780: WESLEYAN SMALL GROUP: NEW LEADER TRAINING (1) Offerings

This course is a discussion-based seminar for upper division students who are participating as leaders in the SoulCare: Wesleyan Small Group Program for UFDN 1000. Framed within a theology of reconciliation, the course provides an introduction to small group leadership strategies; theories of group dynamics, leadership, and faith development; and issues that inform group interactions. Course readings will be based on research from the fields of theology and ministry, leadership studies, and education. This course explores the essential elements of listening, identity, Wesleyan Theology, Self-care and self-reflection as means to living out God's reconciling work in the context of a Wesleyan Small Group. This course is required for all SoulCare Leaders during the first quarter they're leading a group.

Attributes: Upper-Division **Restrictions:** Doctoral, Graduate are excluded.

THEO 4100: BIBLICAL ETHICS: HOW SHALL WE THEN LIVE? (5) Offerings

Many of the most compelling and controversial issues facing North American Christians today challenge our longstanding moral convictions as God's people-about abortion, gender, human sexuality, war and peace, use of wealth, homelessness, race relations, friendship. This course seeks to address these issues in two ways. First, to help students learn what the Christian Bible teaches us about Christian living-what core beliefs and resurrection practices provide the biblical foundation for a manner of life that truly pleases God. Second, to help students learn how to use Scripture as a resource in making moral choices and when participating in moral debate as God's people are called on to engage the wider culture.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** (UFDN 2000: D or better OR UFDN 3001: D or better) AND (THEO 3110: D or better OR THEO 3210: D or better)

THEO 4290: BIBLICAL THEOLOGY: READING THE WHOLE BIBLE AS SCRIPTURE (5) Offerings

The Bible is the church's Scripture-a sacred text that communicates a word from the living God for the ongoing people of God. This simple definition provides the course with its essential focus: to train students of Scripture how to interpret faithfully and skillfully the richness of its diverse but integral parts, Old Testament and New Testament, in order to hear a fresh word from God for today. Students of this course will learn the terms of Scripture's authority for believers and will discuss the variety of practical issues staked out whenever the Bible is studied as a witness to the Holy Trinity. Students will study the various attempts, ancient and modern, to integrate the church's theology and its biblical texts in coherent and useful ways.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** (UFDN 3100: D or better OR SPCC LFDN3: D or better OR SPCC UFDN3: D or better) AND (THEO 3110: D or better OR THEO 3210: D or better)

THEO 4401: REPRESENTATIVE THEOLOGIES (5) Offerings

Considers the work of a major Christian theologian or group of theologians who share a distinctive theological approach. Provides models of the "craft" of theological inquiry and probes the distinctive emphases of various Christian traditions, historical periods, and theological movements. Examples of theologians considered include: the Eastern and Western Christian Fathers and Mothers, Augustine of Hippo, Medieval Theology, Thomas Aquinas, John Calvin, Karl Barth, Dietrich Bonhoeffer, C. S. Lewis and Friends, Lesslie Newbigin, Theology of the Black Church, and Global Theologies. May be repeated for credit 2 times.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** UFDN 3100: D or better OR SPCC LFDN3: D or better OR SPCC UFDN3: D or better

THEO 4402: WESLEYAN THEOLOGY (5) Offerings

Considers the work of one or more major voices in the Wesleyan theological tradition and explores the relevance of the distinctive theological concerns and methods of that tradition for ministry today. Topics may include John Wesley, Charles Wesley, Wesleyan hermeneutics (e.g. Adam Clarke, Albert Outler), the Wesleyan Holiness Movement (e.g. John Fletcher, Phoebe Palmer, B.T. Roberts, Phineas Bresee), and modern Wesleyan theology (e.g. B.P. Bowne, Edwin Lewis, Georgia Harkness). Typically offered: Alternate Years.

Attributes: Upper-Division, Writing "W" Course **Prerequisites:** UFDN 3100: D or better

THEO 4403: ISSUES IN AMERICAN CHRISTIANITY (5) Offerings

THEO 4602: ISSUES IN LATIN AMERICAN CHRISTIANITY (3) [Offerings](#)

This course will deal with contemporary issues facing Latin American Christians, with attention to history, theology, ethnicities, ministry among the poor, and contextualized Christian witness. Hispanics in the Pacific Northwest will also be a focus. Field experience in Spanish-speaking churches in Metro Seattle will be part of the class. Typically offered: Alternate Years.

Attributes: Cultural Understand&Engagement, Upper-Division

THEO 4603: ISSUES IN ASIAN/AFRICAN CHRISTIANITY (3) [Offerings](#)

This course will deal with contemporary issues facing Asian and African Christians, with attention to history, theology, ethnicities, ministry among the poor, and contextualized Christian witness. Field experience in African and Asian churches in Metro Seattle will be part of the class. Typically offered: Alternate Years.

Attributes: Cultural Understand&Engagement, Upper-Division

THEO 4610: WORLD RELIGIONS (3) [Offerings](#)

Primal religions, Islam, Buddhism, Hinduism, Confucianism, Taoism, and Shinto are explored. Each faith is studied in philosophical and cultural context. Applications for effective Christian witness are developed, showing appreciation for the faiths and contrasts with them.

Attributes: Upper-Division

THEO 4620: INTERPRETING THE CITY (5) [Offerings](#)

This course studies the complexity of 21st-Century urban culture, including systems such as health care, media, social services, politics, education, entertainment, business, as well as the influence of various ethnic, religious, and social groups and their values. Students will identify their own cultural biases and assumptions and develop a personal theology of urban ministry. This course is an interdisciplinary course utilizing theology and the social sciences.

Attributes: Upper-Division **Prerequisites:** THEO 2620: D or better AND (THEO 3630: D or better OR THEO 3640: D or better OR THEO 4610: D or better)

THEO 4720: LEADERSHIP IN MINISTRY (5) [Offerings](#)

A study of leadership from four perspectives: theological issues in leadership; understanding oneself as a leader; leadership behavior and skills; and leadership in a team context. The course focuses on preparation for a leadership position in educational ministry.

Attributes: Upper-Division, Ways of Engaging, Writing "W" Course **Restrictions:** Freshman, Sophomore students are excluded.

THEO 4730: ADVANCED TOPICS IN RECONCILIATION STUDIES (3) [Offerings](#)

This course provides an opportunity for students in the Reconciliation Studies Minor to encapsulate what they have learned about the discipline of reconciliation in a way that is relevant and applicable to their future vocations. Through a variety of learning activities, students will prepare to be agents of reconciliation in a diverse, global society.

Attributes: Upper-Division **Prerequisites:** THEO 2730: D or better AND (THEO 3331: D or better OR THEO 3401: D or better OR THEO 3510: D or better)

THEO 4731: CHILD DEVELOPMENT AND EDUCATIONAL MINISTRY (3) [Offerings](#)

Studies age-group characteristics, needs and interests of children with special emphasis on program development, and teaching techniques related to program ideas.

Attributes: Upper-Division **Prerequisites:** THEO 2740: D or better AND THEO 2740: D or better

Attributes: Upper-Division **Prerequisites:** THEO 2710: D or better AND THEO 3710: D or better

THEO 4733: ADULT DEVELOPMENT AND EDUCATIONAL MINISTRY (3) Offerings

Studies the various periods of adulthood from the standpoint of characteristics, needs, aims, material, and methods of teaching. Emphasizes the teaching process for adults in terms of andragogy (a shared approach to learning) as opposed to pedagogy.

Attributes: Upper-Division **Prerequisites:** THEO 2710: D or better AND THEO 2720: D or better AND THEO 3710: D or better

THEO 4735: FORMATIVE CHRISTIAN COMMUNITY (3) Offerings

This course looks at the vital role that Christian community plays in the faith of a believer. Reflection upon monastic, utopian, and various church models in both practice and principle.

Attributes: Upper-Division

THEO 4736: SOULJOURN (3) Offerings

Souljourn is a spiritual pilgrimage to a "sacred site". Students travel to the home territory of a Christian saint or ministry. Students will better understand the testimony of a faithful Christian life through readings and a first-hand encounter with the physical context of the person's life and ministry. May be repeated for credit 3 times.

Attributes: Cultural Understand&Engagement, Upper-Division, Ways of Engaging

THEO 4780: LEADING A WESLEYAN SMALL GROUP (1) Offerings

This course is for SoulCare: Wesleyan Small Group Leaders who have already taken the New Leader Training class. This course is required for all SoulCare Leaders after their first quarter of leading a group. May be repeated for credit 8 times.

Attributes: Upper-Division **Restrictions:** Doctoral, Graduate are excluded. **Prerequisites:** THEO 3780: or better

THEO 4899: CHRISTIAN THEOLOGY CAPSTONE (2-5) Offerings

Incorporates the breadth of the theological disciplines and provides integration of themes for the common curriculum. Reflection on the integration of faith and learning toward vocational goals will also be included.

Attributes: Upper-Division **Restrictions:** Christian Theology, Educational Ministry Majors only. Post-Baccalaureate, Senior students only.

THEO 4900: INDEPENDENT STUDY (1-5) Offerings

Prerequisite: 25 credits of "THEO" prefix coursework and current enrollment as a Theology major or minor, or approval of the Dean of the School of Theology. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

THEO 4911: WORSHIP ARTS LEADERSHIP SEMINAR (3) Offerings

This course brings together, into cohorts, visual artists, musicians, filmmakers and theatre personnel. Through a theological lens, in the context of spiritual formation and discipline, students will investigate worship arts leadership and liturgics. The course will also explore how reconciliation, prayer, suffering, commitment, growing in wisdom and stature, are aspects of Christian Spiritual Disciplines.

Attributes: Upper-Division **Restrictions:** Doctoral, Graduate are excluded.

THEO 4930: PRACTICUM (1-5) Offerings

Provides an experiential learning assignment to parallel to a course in which a student is concurrently registered. May also be used for students completing a teaching or research assistantship with a School of Theology faculty member. May be repeated for credit up to 9 credits.

Attributes: Upper-Division

THEO 4931: WORSHIP ARTS LEADERSHIP PRACTICUM (2) Offerings

Through the creation of new artistic performance practice systems, icons, and spaces for leading and designing Congregational Christian Worship, students will learn how to implement a theology of worship arts into both liturgical and non-liturgical contexts. The practicum course will also explore how reconciliation, prayer, suffering, commitment, growing in wisdom and stature, are aspects of Christian spiritual disciplines. May be repeated for credit 1 time.

Attributes: Upper-Division **Restrictions:** Doctoral, Graduate are excluded.

THEO 4940: INTERNSHIP (1-15) Offerings

Prerequisites: 25 credits in theology coursework at SPU; current enrollment as a major or minor in the School of Theology, or permission of instructor. May be repeated for credit up to 15 credits.

Attributes: Upper-Division

THEO 4950: SPECIAL TOPICS (1-5) Offerings

Provides a focused study of a specific theological topic chosen by the instructor. The study typically explores theological perspectives on a contemporary issue. See current Time Schedule for topic. May be repeated for credit up to 10 credits.

Attributes: Upper-Division

THEO 4995: THESIS (3) Offerings

Prerequisite: 25 credits in Theology coursework at SPU. Requires original research conducted under the guidance of a faculty advisor.

Attributes: Upper-Division **Restrictions:** Christian Theology Majors only. Freshman, Sophomore students are excluded.

Degree Requirements

ART: EMPHASIS IN STUDIO ARTS (BA)

92 Credits Minimum, Including 37 Upper Division (UD)

FOUNDATIONAL COURSES

Course	Attributes	Credits
ART 1102 Drawng Studio:Observtn&Realism	WKA	5
ART 1105 Art Foundations 1: Surface	-	5
ART 1106 Art Foundations 2: Space	-	5
ART 1107 Art Foundations 3: Time	-	5
ART 1205 Design Studio Color	-	5
SECTION CREDITS REQUIRED		25

ART HISTORY

Course	Attributes	Credits
ART 2602 West Trad I: Ancient&Medvl Art	WKA	5
ART 2603 West Trad II: Art since Renssnc	WKA	5
ART 3608 Issues: Contempry Art&Vis Cultr	W, UD, WE, CUE	5
SECTION CREDITS REQUIRED		15

CORE COURSES

Course	Attributes	Credits
ART 2102 Drawng Studio: Design&Perspectv (5)	-	10
ART 2421 Printmaking Studio (5)	WKA	
ART 2422 Metals Studio (5)	WKA	
ART 2722 Sculpture Studio (5)	WKA	
ART 3113 Drawing Studio: Beginnng Figure (5)	UD	
SECTION CREDITS REQUIRED		10

STUDIO ARTS EMPHASIS COURSES

Course	Attributes	Credits
ART 2205 Digital Photograpy	-	5
ART 2302 Painting Studio: Still Life-Oil	WKA	5

ART 3700 Experimental Video Art	UD	5
SECTION CREDITS REQUIRED		15

CAPSTONE

Course	Attributes	Credits
ART 4898 Senior Capstone:Studio Arts	W, UD	3
ART 4969 Studio Practice	UD	9
SECTION CREDITS REQUIRED		12

Upper division electives approved by advisor	15
MINIMUM TOTAL CREDITS REQUIRED	92

ADDITIONAL REQUIREMENTS AND INFORMATION

- Participation in Senior Exhibition
- Submission of comprehensive portfolio

Degree Requirements

ART: EMPHASIS IN ILLUSTRATION/NEW PICTURES (BA)

89 Credits Minimum, Including 39 Upper Division (UD)

FOUNDATIONAL COURSES

Course	Attributes	Credits
ART 1102 Drawng Studio:Observtn&Realism	WKA	5
ART 1105 Art Foundations 1: Surface	-	5
ART 1106 Art Foundations 2: Space	-	5
ART 1107 Art Foundations 3: Time	-	5
ART 1205 Design Studio Color	-	5
SECTION CREDITS REQUIRED		25

ART HISTORY

Course	Attributes	Credits
ART 2602 West Trad I:Ancient&Medvl Art	WKA	5
ART 2603 West Trad II:Art since Renssnc	WKA	5
ART 3608 Issues:Contempry Art&Vis Cultr (5)	W, UD, WE, CUE	5
ART 3610 Histry Graphic Design/Illustrn (5)	W, UD	
SECTION CREDITS REQUIRED		15

CORE COURSES

Course	Attributes	Credits
ART 2102 Drawng Studio:Design&Perspectv (5)	-	10
ART 2205 Digital Photograpy (5)	-	
ART 2302 Painting Studio:Still Life-Oil (5)	WKA	
ART 2421 Printmaking Studio (5)	WKA	
SECTION CREDITS REQUIRED		10

ILLUSTRATION EMPHASIS COURSES

Course	Attributes	Credits
ART 2502 Illustration	-	5
ART 3113 Drawing Studio: Beqinna Figure	UD	5

ART 3502 Image and Narration	UD	5
ART 3507 Illustration Studio: Digital	UD	5
SECTION CREDITS REQUIRED		20

CAPSTONE

Course	Attributes	Credits
ART 4501 Illustration: Profssnl Practic	UD	5
ART 4898 Senior Capstone:Studio Arts	W, UD	3
ART 4969 Studio Practice	UD	3
SECTION CREDITS REQUIRED		11

Upper Division Electives Approved by Advisor	8
MINIMUM TOTAL CREDITS REQUIRED	89

ADDITIONAL REQUIREMENTS AND INFORMATION

- Participation in Senior Exhibition
- Submission of comprehensive portfolio

Degree Requirements

ART: EMPHASIS IN PHOTOGRAPHY/DIGITAL MEDIA (BA)

73 Credits Minimum, Including 37 Upper Division (UD)

FOUNDATIONAL COURSES

Course	Attributes	Credits
ART 1105 Art Foundations 1: Surface	-	5
ART 1106 Art Foundations 2: Space	-	5
ART 1107 Art Foundations 3: Time	-	5
SECTION CREDITS REQUIRED		15

ART HISTORY

Course	Attributes	Credits
ART 2602 West Trad I: Ancient & Medvl Art	WKA	5
ART 2603 West Trad II: Art since Renssnc	WKA	5
ART 3608 Issues: Contempry Art & Vis Cultr	W, UD, WE, CUE	5
SECTION CREDITS REQUIRED		15

PHOTOGRAPHY/DIGITAL MEDIA EMPHASIS COURSES

Course	Attributes	Credits
ART 2205 Digital Photograpy	-	5
ART 3101 Digital Photography 2	UD	5
ART 3700 Experimental Video Art	UD	5
ART 3900 Histry of Photogrphy & Criticism	UD	3
ART 4101 Adv Photography: Digital Studio	UD	3
ART 4943 Art Internship	UD	3
SECTION CREDITS REQUIRED		24

CAPSTONE

Course	Attributes	Credits
ART 4898 Senior Capstone: Studio Arts	W, UD	3

ART 4969 Studio Practice	UD	6
SECTION CREDITS REQUIRED		9
Upper Division Electives as Approved by Advisor		10
MINIMUM TOTAL CREDITS REQUIRED		73

WHO WE ARE

Part of the Languages, Cultures, and Linguistics Department, Classics gives students the option to major in Classics, choosing between the Cultural Emphasis or Language Emphasis. Students may also minor in Classics, thereby enriching their chosen major.

OUR MISSION

The mission of the Department of Languages, Cultures, and Linguistics is to produce majors in foreign language with the linguistic, cultural and literary competence, and the Christian character necessary to engage the world and be effective agents of positive change in the world.

LEARNING OUTCOMES

Goal One

To understand and appreciate the rich diversity of world languages and cultures, both ancient and modern.

All foundation courses in European studies and Latin American studies focus on this goal through the content of the individual courses. The major in Classics also focuses on this goal through the course offerings in classical literature and civilization. Since all the courses in the modern and classical languages emphasize the connections between the languages and cultures they express, they have this goal as a focal point as well.

Goal Two

To be a blessing as a stranger in another land and be hospitable to strangers in one's own land.

This goal is emphasized directly in language courses, beginning with the elementary level and continuing through the advanced (upper division) courses. Faculty work on broadening both the student's world view and recognition that while members of all cultures tend to view others from an ethnocentric point of view, all people should strive to refrain from judging others solely in terms of their own culture.

Goal Three

To reach stated levels of language proficiency, as defined by national standards, depending on the student's program in the majors.

This third goal is an essential part of all courses taught in the various languages offered at SPU. The four skills in the modern languages of listening, speaking, reading and writing are integrated with the study of the cultures lived by the members of the language groups. For the classical languages, the skills of reading and writing are integrated with the study of culture.

Degree Requirements

CLASSICS MINOR

33 Credits Minimum, Including 15 Upper Division (UD)

CLASSICS MINOR CORE REQUIREMENTS

Course	Attributes	Credits
CLA 3170 Classical Civilization	UD	5
CLA 1300 Survey of Classical Literature (5) USCH 1111 Classics (5)	WKH -	5
SECTION CREDITS REQUIRED		10

ELECTIVES

Course	Attributes	Credits
ART 2602 West Trad I: Ancient & Medvl Art (5)	WKA	
CLA 3100 Ancient Civilization (5)	UD	
COM 3628 Foundations Western Rhetoric (5)	W, UD	
GRK 1101 Elementary Koine Greek I (5)	FORL	
GRK 1102 Elementary Koine Greek II (5)	FORL	
GRK 1103 Elementary Koine Greek III (5)	FORL	
GRK 4920 Indpdnt Readngs Classical Grk (1-5)	UD	23
LAT 1101 Elementary Latin I (5)	FORL	
LAT 1102 Elementary Latin II (5)	FORL	
LAT 1103 Elementary Latin III (5)	FORL	
LAT 4920 Indpdnt Readngs Classical Lat (1-5)	UD	
PHI 3601 Ancient Philosophy (5)	W, UD	
POL 4641 Theories of Poltcl Sys: Ancient (5)	W, UD	
SECTION CREDITS REQUIRED		23
MINIMUM TOTAL CREDITS REQUIRED		33

Degree Requirements

CLASSICS: CULTURAL EMPHASIS (BA)

52 Credits Minimum, Including 25 Upper Division (UD)

CLASSICS MAJOR: CULTURAL EMPHASIS

Course	Attributes	Credits
CLA 1300 Survey of Classical Literature (5) USCH 1111 Classics (5)	WKH -	5
CLA 3100 Ancient Civilization	UD	5
CLA 3170 Classical Civilization	UD	5
CLA 4899 Senior Capstone in Classics	W, UD	3
LCL 3287 Mythology in Literature	W, UD	5
GS 3001 Internship & Job Search Stratg	UD	1
SECTION CREDITS REQUIRED		24

ELECTIVES

Course	Attributes	Credits
ART 2602 West Trad I: Ancient&Medvl Art (5)	WKA	28
COM 3628 Foundations Western Rhetoric (5)	W, UD	
GRK 1101 Elementary Koine Greek I (5)	FORL	
GRK 1102 Elementary Koine Greek II (5)	FORL	
GRK 1103 Elementary Koine Greek III (5)	FORL	
GRK 4920 Indpdnt Readngs Classical Grk (1-5)	UD	
LAT 1101 Elementary Latin I (5)	FORL	
LAT 1102 Elementary Latin II (5)	FORL	
LAT 1103 Elementary Latin III (5)	FORL	
LAT 4920 Indpdnt Readngs Classical Lat (1-5)	UD	
PHI 3601 Ancient Philosophy (5)	W, UD	
POL 4641 Theories of Poltcl Sys: Ancient (5)	W, UD	
SECTION CREDITS REQUIRED		28
MINIMUM TOTAL CREDITS REQUIRED		52

Degree Requirements

ART MINOR IN STUDIO: 3-D MEDIA

36 Credits Minimum, Including 17 Upper Division (UD)

CORE COURSES

Course	Attributes	Credits
ART 1105 Art Foundations 1: Surface	-	5
ART 1106 Art Foundations 2: Space	-	5
SECTION CREDITS REQUIRED		10

REQUIRED COURSES

Course	Attributes	Credits
ART 2422 Metals Studio	WKA	5
ART 2722 Sculpture Studio	WKA	5
SECTION CREDITS REQUIRED		10

UD REQUIRED COURSES

Course	Attributes	Credits
ART 3422 Metals Studio - Advanced I	UD	5
ART 3722 Scpltr Studio-Installtn Art II	UD	3
ART 4422 Metals Studio - Advanced II	UD	5
ART 4722 Sculpture Studio - New Media	UD	3
SECTION CREDITS REQUIRED		16
MINIMUM TOTAL CREDITS REQUIRED		36

Degree Requirements

ART MINOR IN STUDIO: DIGITAL MEDIA

31 Credits Minimum, Including 15 Upper Division (UD)

REQUIRED

Course	Attributes	Credits
ART 1105 Art Foundations 1: Surface	-	5
ART 1107 Art Foundations 3: Time	-	5
ART 2205 Digital Photography	-	5
ART 3200 Type Lab: Intro Typography	UD	3
ART 3700 Experimental Video Art	UD	5
ART 3201 Digital Lab 2: Interactive Med	UD	5
SECTION CREDITS REQUIRED		28

ELECTIVES

Course	Attributes	Credits
ART 3101 Digital Photography 2 (5)	UD	3
ART 3605 Modern Art: Image and Power (5)	W, UD, WE	
ART 3608 Issues:Contempary Art&Vis Cultr (5)	W, UD, WE, CUE	
ART 3610 Histy Graphic Design/Illustrn (5)	W, UD	
ART 3900 Histy of Photogrphy&Criticism (3)	UD	
ART 4507 Illustratn Studio Digitl Anmtn (5)	UD	
SECTION CREDITS REQUIRED		3
MINIMUM TOTAL CREDITS REQUIRED		31

ADDITIONAL REQUIREMENTS AND INFORMATION

- Portable Device capable of running Adobe Software required

Degree Requirements

VISUAL COMMUNICATION (BA)

99 Credits Minimum, Including 30 Upper Division (UD)

FOUNDATIONAL COURSES

Course	Attributes	Credits
ART 1105 Art Foundations 1: Surface	-	5
ART 1106 Art Foundations 2: Space	-	5
ART 1107 Art Foundations 3: Time	-	5
ART 1205 Design Studio Color (5)	-	5
ART 2102 Drawng Studio:Design&Perspectv (5)	-	5
SECTION CREDITS REQUIRED		20

CORE 1

Course	Attributes	Credits
ART 2205 Digital Photograpy	-	5
ART 2502 Illustration	-	5
ART 2602 West Trad I: Ancient&Medvl Art	WKA	5
ART 2603 West Trad II: Art since Renssnc	WKA	5
SECTION CREDITS REQUIRED		20

CORE 2

Course	Attributes	Credits
ART 2201 Digital Lab 1: Interactv Media	-	3
ART 3200 Type Lab: Intro Typography	UD	3
ART 3201 Digital Lab 2: Interactive Med	UD	5
ART 3202 Visual Communication 1: Form	UD	5
ART 3204 Visual Communctn 2: Application	UD	5
ART 3205 Type Lab: Applied Typography	UD	3
ART 3610 Histry Graphic Design/Illustrn	W, UD	5
ART 4205 Visual Communications 2	UD	5

ART 4205 Visual Communications 3	UD	3
ART 4207 Visual Commctn 4:Informtn Dsgn	UD	5
ART 4209 Visual Commnctn 5:Expernc Dsgn	UD	5
ART 4210 Digital Lab 3: Interactv Media	UD	3
ART 4212 Digital Lab 4: Motion Design	UD	3
ART 4899 Senior Capstone:Visual Communc	W, UD	3
ART 4943 Art Internship	UD	3
ENG 3209 Writing as Design	UD	3
SECTION CREDITS REQUIRED		59
MINIMUM TOTAL CREDITS REQUIRED		99

ADDITIONAL REQUIREMENTS AND INFORMATION

- Participation in Visual Communication Portfolio Exhibition

WHO WE ARE

The English programs faculty in the English and Cultural Studies Department are women and men who love books. We love reading them, and we love writing them. If you love reading and writing, come join us.

OUR MISSION

Within the English programs, the mission of the English and Cultural Studies Department is to graduate imaginative students of competence and character who are skilled in reading, writing, and critical thinking and knowledgeable in the field of Anglophone literature.

LEARNING OUTCOMES

- Demonstrate a broad knowledge of British, American, and postcolonial literature.
- Demonstrate skill in textual analysis, interpretation, scholarship, and critical thinking.
- Demonstrate proficiency in writing, whether critical or creative.
- Articulate a mature understanding of the relationship between literature and the Christian faith.
- Articulate a mature understanding of issues of race, ethnicity, gender, and class as represented in U.S. minority literature and non-Western texts, as well as canonical works.

Degree Requirements

CLASSICS: LANGUAGE EMPHASIS (BA)

53 Credits Minimum, Including 25 Upper Division (UD)

CLASSICS MAJOR: LANGUAGE EMPHASIS

Course	Attributes	Credits
CLA 1300 Survey of Classical Literature (5) USCH 1111 Classics (5)	WKH -	5
CLA 3100 Ancient Civilization	UD	5
CLA 3170 Classical Civilization	UD	5
CLA 4899 Senior Capstone in Classics	W, UD	3
LCL 3287 Mythology in Literature	W, UD	5
GS 3001 Internship & Job Search Stratg	UD	1
SECTION CREDITS REQUIRED		24

CLASSICS-LANGUAGE EMPHASIS:CLASSICAL LATIN COURSES

Course	Attributes	Credits	
LAT 1101 Elementary Latin I (5) LAT 1102 Elementary Latin II (5) LAT 1103 Elementary Latin III (5)	FORL FORL FORL	24	
LAT 4920 Indpndnt Readngs Classical Lat (1-5)	UD		
LAT 4930 Latin Tutorial Practicum (1-6)	UD		
LAT 4970 Directed Readings & Research (1-5)	UD		
SECTION CREDITS REQUIRED			24

ELECTIVES

Course	Attributes	Credits	
ART 2602 West Trad I: Ancient&Medvl Art (5) COM 3628 Foundations Western Rhetoric (5) GRK 1101 Elementary Koine Greek I (5) GRK 1102 Elementary Koine Greek II (5) GRK 1103 Elementary Koine Greek III (5)	WKA W, UD FORL FORL FORL	5	
GRK 4920 Indpndnt Readngs Classical Grk (1-5)	UD		
PHI 3601 Ancient Philosophy (5)	W, UD		
POL 4641 Theories of Poltcl Sys: Ancient (5)	W, UD		
SECTION CREDITS REQUIRED			5

SECTION CREDITS REQUIRED	3
MINIMUM TOTAL CREDITS REQUIRED	53

ADDITIONAL REQUIREMENTS AND INFORMATION

- Competency through 2103 required in one language

Degree Requirements

VISUAL ARTS (BA)

66 Credits Minimum, Including 23 Upper Division (UD)

CORE CURRICULUM

Course	Attributes	Credits
ART 1102 Drawng Studio:Observtn&Realism	WKA	5
ART 1105 Art Foundations 1: Surface	-	5
ART 1106 Art Foundations 2: Space	-	5
ART 1107 Art Foundations 3: Time	-	5
ART 1205 Design Studio Color	-	5
SECTION CREDITS REQUIRED		25

ART HISTORY

Course	Attributes	Credits
ART 2602 West Trad I: Ancient&Medvl Art	WKA	5
ART 2603 West Trad II: Art since Renssnc	WKA	5
ART 3608 Issues: Contempry Art&Vis Cultr	W, UD, WE, CUE	5
SECTION CREDITS REQUIRED		15

ELECTIVES

Course	Attributes	Credits
ART 2102 Drawng Studio: Design&Perspectv (5)	-	8
ART 2205 Digital Photograpy (5)	-	
ART 2302 Painting Studio: Still Life-Oil (5)	WKA	
ART 2421 Printmaking Studio (5)	WKA	
ART 2722 Sculpture Studio (5)	WKA	
ART 3113 Drawing Studio: Beginnng Figure (5)	UD	
ART 3503 Drawing Studio: Concept Compstn (3)	UD	
SECTION CREDITS REQUIRED		8

CAPSTONE

Course	Attributes	Credits
ART 4000 Senior Capstone Project	W, UD	3

ARI 4898 Senior Capstone: Studio Arts	W, UD	3
SECTION CREDITS REQUIRED		3

Upper Division Electives (Approved by Advisor)	15
MINIMUM TOTAL CREDITS REQUIRED	66

Degree Requirements

ENGLISH: CREATIVE WRITING CONCENTRATION (BA)

66 Credits Minimum, Including 30 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
ENG 2225 Literary Interpretation	W	5
ENG 2251 Eng Lit:Beginning Thru Milton	-	5
ENG 2252 Eng Lit: Restoration-Victorian	-	5
ENG 2253 Amer Lit:Beginnings to 1900	-	5
ENG 4445 Shakespeare	UD	5
ENG 4899 Senior Capstone in English	W, UD	5
SECTION CREDITS REQUIRED		30

CREATIVE WRITING CORE

Course	Attributes	Credits
ENG 2215 Imaginative Writing	-	3
SECTION CREDITS REQUIRED		3

CREATIVE WRITING CORE (CHOOSE TWO)

Course	Attributes	Credits
ENG 3150 The Sentence (3)	W, UD	6
ENG 3180 Advanced Grammar (3)	UD	
ENG 4601 History of English (3)	UD	
SECTION CREDITS REQUIRED		6

GENRE STUDIES REQUIREMENT (ENG 4824 CAN SUB FOR ENG 4822)

Course	Attributes	Credits
ENG 3310 Elements of Prosody (3)	UD	14
ENG 3316 Workshop in Writing Poetry (3)	UD	
ENG 4316 Advanced Poetry Writing (3)	UD	
ENG 4823 The Poem (5)	W, UD	
ENG 3311 Elements of Narrative (3)	UD	
ENG 3317 Workshop in Writing Fiction (3)	UD	

ENG 3317 Workshop in Writing Fiction (3)	UD	14
ENG 4317 Advanced Fiction Writing (3)	UD	
ENG 4822 The Novel (5)	W, UD	
ENG 3311 Elements of Narrative (3)	UD	14
ENG 3318 Creative Nonfiction (3)	W, UD	
ENG 4318 Advanced Creative Nonfiction (3)	UD	
ENG 4825 The Essay (5)	W, UD	
SECTION CREDITS REQUIRED		14

SECOND GENRE REQUIREMENT

Course	Attributes	Credits
ENG 3316 Workshop in Writing Poetry (3)	UD	3
ENG 3317 Workshop in Writing Fiction (3)	UD	
ENG 3318 Creative Nonfiction (3)	W, UD	
SECTION CREDITS REQUIRED		3

ADVANCED LITERARY STUDIES

Course	Attributes	Credits
ENG 3003 Literature and Medicine (5)	W, UD, WE	10
ENG 3004 Literature, Gender & Sexuality (5)	UD	
ENG 3325 Film and Story (5)	W, UD	
ENG 3332 African-American Literature (5)	W, UD	
ENG 3334 US Multi-Ethnic Literature (5)	UD, WKH, CUE	
ENG 3335 Celtic Literature and Culture (5)	W, UD, WKH, CUE	
ENG 3339 U.S. Latinx Literature (5)	W, UD	
ENG 3345 Medieval English Literature (5)	W, UD	
ENG 3346 English Renaissance Literature (5)	W, UD	
ENG 3347 Lit: Enlightenment&Revolution (5)	W, UD	
ENG 3348 Romantic Poetry and Fiction (5)	W, UD	
ENG 3351 Victorian Literature (5)	W, UD	
ENG 3380 African Literature (5)	W, UD, CUE	
ENG 3381 Middle Eastern Literature (5)	W, UD, CUE	
ENG 3382 South Africa (5)	UD, WE, CUE	
SJC 3382 South Africa (5)	UD, WE, CUE	
ENG 3383 Arab Spring (5)	W, UD, WE, CUE	
SJC 3383 Arab Spring (5)	W, UD, WE, CUE	
ENG 3384 Empires of Asia (5)	W, UD, CUE	
ENG 3386 The Eternal City (5)	W, UD, WE	
ENG 3710 19th Century American Lit (5)	W, UD	
ENG 3715 20th Century American Lit (5)	W, UD	
ENG 3840 Lewis and Tolkien (5)	W, UD	
ENG 4152 Modernist Literature (5)	W, UD	
ENG 4162 Postmodern Literature (5)	W, UD	
ENG 4440 Geoffrey Chaucer (5)	W, UD	
ENG 4442 John Milton (5)	W, UD	
ENG 4449 Jane Austen (5)	W, UD	

ENG 4450 Emily Dickinson (5)	W, UD	
ENG 4451 Toni Morrison (5)	W, UD	
ENG 4950 Special Topics (1-5)	W, UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		66

ADDITIONAL REQUIREMENTS AND INFORMATION

- *ENG 3302 OK for ENG 2215 OR as a Genre Writing course
- **ENG 2221/2223/2234/2248 OK for Adv Lit Studies (1 Only)

Degree Requirements

ART HISTORY AND VISUAL STUDIES MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

HISTORY COURSES

Course	Attributes	Credits
ART 2602 West Trad I: Ancient&Medvl Art	WKA	5
ART 2603 West Trad II: Art since Renssnc	WKA	5
SECTION CREDITS REQUIRED		10

CHOOSE 15 CREDITS (MAX OF 5 OF ART 4900 AND ART 4950)

Course	Attributes	Credits
ART 3605 Modern Art: Image and Power (5)	W, UD, WE	15
ART 3606 Cross-Cultural Encounters (5)	W, UD, WE, CUE	
ART 3608 Issues: Contempry Art&Vis Cultr (5)	W, UD, WE, CUE	
ART 3610 Histy Graphic Design/Illustrn (5)	W, UD	
ART 3611 Reading Images: Intro Visl Study (3)	W, UD	
ART 3612 Rdg Urban Spaces: Eternal City (5)	W, UD, WE	
ART 3613 Churches of Rome (5)	UD, WE	
ART 4900 Independent Study (1-5)	UD	
ART 4950 Special Topics in Art (1-5)	UD	
SECTION CREDITS REQUIRED		15

STUDIO COURSES

Course	Attributes	Credits
ART 1102 Drawng Studio: Observtn&Realism (5)	WKA	5
ART 1105 Art Foundations 1: Surface (5)	-	
ART 1106 Art Foundations 2: Space (5)	-	
ART 1107 Art Foundations 3: Time (5)	-	
ART 1205 Design Studio Color (5)	-	
ART 2102 Drawng Studio: Design&Perspectv (5)	-	
ART 2205 Digital Photograpy (5)	-	
ART 2302 Painting Studio: Still Life-Oil (5)	WKA	
ART 2421 Printmaking Studio (5)	WKA	
ART 2422 Metals Studio (5)	WKA	
ART 2502 Illustration (5)	-	
ART 2722 Sculpture Studio (5)	WKA	
SECTION CREDITS REQUIRED		

MINIMUM TOTAL CREDITS REQUIRED

30

Degree Requirements

ENGLISH: LITERATURE CONCENTRATION (BA)

63 Credits Minimum, Including 30 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
ENG 2225 Literary Interpretation	W	5
ENG 2251 Eng Lit:Beginning Thru Milton	-	5
ENG 2252 Eng Lit: Restoration-Victorian	-	5
ENG 2253 Amer Lit:Beginnings to 1900	-	5
ENG 4445 Shakespeare	UD	5
ENG 4899 Senior Capstone in English	W, UD	5
SECTION CREDITS REQUIRED		30

METHODS AND METHODOLOGIES CORE

Course	Attributes	Credits
ENG 3150 The Sentence (3)	W, UD	3
ENG 3180 Advanced Grammar (3)	UD	
ENG 3209 Writing as Design (3)	UD	
ENG 3301 Advanced Expository Writing (5)	W, UD, WRIT	
ENG 3302 Writing Across Cultures (3-5)	W, UD, CUE	
ENG 3310 Elements of Prosody (3)	UD	
ENG 3311 Elements of Narrative (3)	UD	
ENG 4601 History of English (3)	UD	
ENG 4685 Literary Theory (5)	UD	
ENG 4701 Theories of Writing & Teaching (5)	UD	
SECTION CREDITS REQUIRED		3

CULTURAL STUDIES (SEE "ADDITIONAL INFORMATION" BELOW)

Course	Attributes	Credits
ENG 3332 African-American Literature (5)	W, UD	5
ENG 3334 US Multi-Ethnic Literature (5)	UD, WKH, CUE	
ENG 3339 U.S. Latinx Literature (5)	W, UD	
ENG 4451 Toni Morrison (5)	W, UD	
ENG 3380 African Literature (5)	W, UD, CUE	

ENG 3381 Middle Eastern Literature (5)	W, UD, CUE	5
ENG 3382 South Africa (5)	UD, WE, CUE	
SJC 3382 South Africa (5)	UD, WE, CUE	
ENG 3383 Arab Spring (5)	W, UD, WE, CUE	
SJC 3383 Arab Spring (5)	W, UD, WE, CUE	
ENG 3384 Empires of Asia (5)	W, UD, CUE	
SECTION CREDITS REQUIRED		10

ADVANCED LITERARY STUDIES

Course	Attributes	Credits
ENG 3003 Literature and Medicine (5)	W, UD, WE	20
ENG 3004 Literature, Gender & Sexuality (5)	UD	
ENG 3325 Film and Story (5)	W, UD	
ENG 3335 Celtic Literature and Culture (5)	W, UD, WKH, CUE	
ENG 3345 Medieval English Literature (5)	W, UD	
ENG 3346 English Renaissance Literature (5)	W, UD	
ENG 3347 Lit: Enlightenment&Revolution (5)	W, UD	
ENG 3348 Romantic Poetry and Fiction (5)	W, UD	
ENG 3351 Victorian Literature (5)	W, UD	
ENG 3386 The Eternal City (5)	W, UD, WE	
ENG 3710 19th Century American Lit (5)	W, UD	
ENG 3715 20th Century American Lit (5)	W, UD	
ENG 3840 Lewis and Tolkien (5)	W, UD	
ENG 4152 Modernist Literature (5)	W, UD	
ENG 4162 Postmodern Literature (5)	W, UD	
ENG 4440 Geoffrey Chaucer (5)	W, UD	
ENG 4442 John Milton (5)	W, UD	
ENG 4449 Jane Austen (5)	W, UD	
ENG 4450 Emily Dickinson (5)	W, UD	
ENG 4822 The Novel (5)	W, UD	
ENG 4823 The Poem (5)	W, UD	
ENG 4824 The Short Story (5)	W, UD	
ENG 4825 The Essay (5)	W, UD	
ENG 4950 Special Topics (1-5)	W, UD	
SECTION CREDITS REQUIRED		20
MINIMUM TOTAL CREDITS REQUIRED		63

ADDITIONAL REQUIREMENTS AND INFORMATION

- *OK if not used in Cultural Studies: ENG 3332, 3334, 3339
- * continued: ENG 3380, 3381, 3382, 3383, 4451
- **ENG 2221/2223/2234/2248 OK for Adv Lit Studies (1 Only)

Degree Requirements

ART MINOR IN STUDIO: 2-D MEDIA

35 Credits Minimum, Including 15 Upper Division (UD)

REQUIRED

Course	Attributes	Credits
ART 1105 Art Foundations 1: Surface (5)	-	5
ART 1107 Art Foundations 3: Time (5)	-	
ART 1102 Drawng Studio:Observtn&Realism	WKA	5
ART 1205 Design Studio Color	-	5
SECTION CREDITS REQUIRED		15

LOWER-DIVISION ELECTIVES

Course	Attributes	Credits
ART 2102 Drawng Studio:Design&Perspectv (5)	-	5
ART 2302 Painting Studio:Still Life-Oil (5)	WKA	
ART 2421 Printmaking Studio (5)	WKA	
ART 2502 Illustration (5)	-	
ART 3113 Drawing Studio: Beginnng Figure (5)	UD	
SECTION CREDITS REQUIRED		5

UPPER-DIVISION ELECTIVES

Course	Attributes	Credits
ART 3200 Type Lab: Intro Typography (3)	UD	15
ART 3302 Painting Studio: Oil & Acrylic (3)	UD	
ART 3303 Painting Studio: Figure (5)	UD	
ART 3315 Water Based Media (5)	UD	
ART 3502 Image and Narration (5)	UD	
ART 3503 Drawing Studio:Concept Compstn (3)	UD	
ART 3507 Illustration Studio: Digital (5)	UD	
ART 4302 Painting Studio: New Pictures (3)	UD	
ART 3421 Printmaking Studio-Advanced I (3)	UD	
ART 4421 Printmaking Studio-Advanced II (3)	UD	
ART 4507 Illustratn Studio Digitl Anmtn (5)	UD	
ART 4900 Independent Study (2)	UD	
SECTION CREDITS REQUIRED		
MINIMUM TOTAL CREDITS REQUIRED		35

Degree Requirements

LINGUISTICS AND CULTURAL STUDIES (BA)

53 Credits Minimum, Including 38 Upper Division (UD)

BASE COURSES

Course	Attributes	Credits
LIN 2100 Foundations of Language Study	WKH	5
LIN 4145 Phonology	W, UD	5
LIN 4150 Morphology	UD	5
LIN 4410 Syntax	UD	5
SECTION CREDITS REQUIRED		20

CAPSTONE

Course	Attributes	Credits
LIN 4899 Linguistics Capstone Seminar	W, UD	3
SECTION CREDITS REQUIRED		3

LINGUISTICS ELECTIVES

Course	Attributes	Credits
LIN 3700 Philosophy of Language (3)	UD	15
PHI 3700 Philosophy of Language (3)	UD	
LIN 4200 Second Language Acquisition (5)	UD	
LIN 4365 Methods Foreign Lng Tchg (5)	UD	
LIN 4430 Sociolinguistics (5)	W, UD	
LIN 4601 History of the English Lang (3)	UD	
LIN 4950 Special Topics in Linguistics (1-5)	UD	
SECTION CREDITS REQUIRED		15

CULTURAL STUDIES ELECTIVES

Course	Attributes	Credits
ANT 2250 Cultural Anthropology (5)	WKSS, CUE	15
CLA 3100 Ancient Civilization (5)	UD	
CLA 3170 Classical Civilization (5)	UD	
COM 4180 Cultural Communication (5)	UD, CUE	
FRE 3250 La France et le Monde (3)	UD, CUE	
LCL 3500 Cultural Study Abroad (2-8)	UD, WF, CUE	

LCL 3500 <u>Cultural Study Abroad</u> (3-8)	UD, WE, COE	
SPN 3120 <u>Civilizacion y Cultura</u> (5)	UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		53

ADDITIONAL REQUIREMENTS AND INFORMATION

- Foreign Language is required for this major.
- See faculty advisor for details.
- Competency through 2103 required in one language
- Standardized oral proficiency exam
- An approved study abroad experience
- Senior Capstone paper required

Degree Requirements

ENGLISH CREATIVE WRITING MINOR

33 Credits Minimum, Including 15 Upper Division (UD)

CORE REQUIREMENTS*

Course	Attributes	Credits
ENG 2215 Imaginative Writing	-	3
SECTION CREDITS REQUIRED		3

MINOR CORE REQUIREMENTS

Course	Attributes	Credits
ENG 3150 The Sentence (3)	W, UD	6
ENG 3180 Advanced Grammar (3)	UD	
ENG 4601 History of English (3)	UD	
SECTION CREDITS REQUIRED		6

GENRE STUDIES REQUIREMENT (ENG 4824 MAY SUBSTITUTE FOR 4822)

Course	Attributes	Credits
ENG 3310 Elements of Prosody (3)	UD	14
ENG 3316 Workshop in Writing Poetry (3)	UD	
ENG 4316 Advanced Poetry Writing (3)	UD	
ENG 4823 The Poem (5)	W, UD	
- OR -		
ENG 3311 Elements of Narrative (3)	UD	14
ENG 3317 Workshop in Writing Fiction (3)	UD	
ENG 4317 Advanced Fiction Writing (3)	UD	
ENG 4822 The Novel (5)	W, UD	
- OR -		
ENG 3311 Elements of Narrative (3)	UD	14
ENG 3318 Creative Nonfiction (3)	W, UD	
ENG 4318 Advanced Creative Nonfiction (3)	UD	
ENG 4825 The Essay (5)	W, UD	
SECTION CREDITS REQUIRED		14

ADVANCED LITERARY STUDIES**

Course	Attributes	Credits
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ENG 3003 Literature and Medicine (5)	W, UD, WE	
ENG 3004 Literature, Gender & Sexuality (5)	UD	
ENG 3325 Film and Story (5)	W, UD	
ENG 3332 African-American Literature (5)	W, UD	
ENG 3334 US Multi-Ethnic Literature (5)	UD, WKH, CUE	
ENG 3335 Celtic Literature and Culture (5)	W, UD, WKH, CUE	
ENG 3339 U.S. Latinx Literature (5)	W, UD	
ENG 3345 Medieval English Literature (5)	W, UD	
ENG 3346 English Renaissance Literature (5)	W, UD	
ENG 3347 Lit: Enlightenment&Revolution (5)	W, UD	
ENG 3348 Romantic Poetry and Fiction (5)	W, UD	
ENG 3351 Victorian Literature (5)	W, UD	
ENG 3380 African Literature (5)	W, UD, CUE	
ENG 3381 Middle Eastern Literature (5)	W, UD, CUE	
ENG 3382 South Africa (5)	UD, WE, CUE	
SJC 3382 South Africa (5)	UD, WE, CUE	10
ENG 3383 Arab Spring (5)	W, UD, WE, CUE	
SJC 3383 Arab Spring (5)	W, UD, WE, CUE	
ENG 3384 Empires of Asia (5)	W, UD, CUE	
ENG 3386 The Eternal City (5)	W, UD, WE	
ENG 3710 19th Century American Lit (5)	W, UD	
ENG 3715 20th Century American Lit (5)	W, UD	
ENG 3840 Lewis and Tolkien (5)	W, UD	
ENG 4152 Modernist Literature (5)	W, UD	
ENG 4162 Postmodern Literature (5)	W, UD	
ENG 4440 Geoffrey Chaucer (5)	W, UD	
ENG 4442 John Milton (5)	W, UD	
ENG 4449 Jane Austen (5)	W, UD	
ENG 4450 Emily Dickinson (5)	W, UD	
ENG 4451 Toni Morrison (5)	W, UD	
ENG 4950 Special Topics (1-5)	W, UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		33

ADDITIONAL REQUIREMENTS AND INFORMATION

- *ENG 3302 OK for ENG 2215 OR as a Genre Writing course
- **ENG 2221/2223/2234/2248 OK for Adv Lit Studies (1 Only)

Degree Requirements

LINGUISTICS AND CULTURAL STUDIES MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

LINGUISTICS MINOR COURSES

Course	Attributes	Credits
LIN 2100 Foundations of Language Study (5)	WKH	
LIN 4145 Phonology (5)	W, UD	
LIN 4150 Morphology (5)	UD	
LIN 4200 Second Language Acquisition (5)	UD	
LIN 4365 Methods Foreign Lng Tchq (5)	UD	20
LIN 4410 Syntax (5)	UD	
LIN 4430 Sociolinguistics (5)	W, UD	
LIN 4601 History of the English Lang (3)	UD	
LIN 4950 Special Topics in Linguistics (1-5)	UD	
SECTION CREDITS REQUIRED		20

CULTURAL STUDIES MINOR COURSES

Course	Attributes	Credits
ANT 2250 Cultural Anthropology (5)	WKSS, CUE	
CLA 3100 Ancient Civilization (5)	UD	
CLA 3170 Classical Civilization (5)	UD	
COM 4180 Cultural Communication (5)	UD, CUE	10
FRE 3250 La France et le Monde (3)	UD, CUE	
LCL 3500 Cultural Study Abroad (3-8)	UD, WE, CUE	
SPN 3120 Civilizacion y Cultura (5)	UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

ENGLISH PROFESSIONAL WRITING MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
JRN 1000 Fundmntls Digital&Online Media	WKH	5
ENG 3301 Advanced Expository Writing	W, UD, WRIT	5
ENG 4940 Coop Ed:English Internship (4)	UD	4
JRN 4940 Coop Ed:Journalism Internship (4)	UD	
SECTION CREDITS REQUIRED		14

SELECT TWO OF THE FOLLOWING:

Course	Attributes	Credits
JRN 2101 Media Writing (5)	-	10
JRN 2202 Reporting and Storytelling (5)	-	
JRN 2203 Editing and Design (5)	-	
JRN 4121 Convergence Journalism (5)	UD	
SECTION CREDITS REQUIRED		10

SELECT TWO OF THE FOLLOWING:

Course	Attributes	Credits
ENG 3150 The Sentence (3)	W, UD	6
ENG 3180 Advanced Grammar (3)	UD	
ENG 3205 Issues&Practices:Wrkplace Wrtg (3)	W, UD, WE	
ENG 3209 Writing as Design (3)	UD	
ENG 3318 Creative Nonfiction (3)	W, UD	
SECTION CREDITS REQUIRED		6
MINIMUM TOTAL CREDITS REQUIRED		30

WHO WE ARE

Part of the Languages, Cultures, and Linguistics Department, French and Francophone Studies offers students both a major and minor, and built around academic coursework necessary to graduate students of competence in the globalized 21st century.

OUR MISSION

The mission of the Department of Languages, Cultures, and Linguistics is to produce majors in foreign language with the linguistic, cultural and literary competence, and the Christian character necessary to engage the world and be effective agents of positive change in the world.

LEARNING OUTCOMES

Goal One

To understand and appreciate the rich diversity of world languages and cultures, both ancient and modern.

All foundation courses in European studies and Latin American studies focus on this goal through the content of the individual courses. The major in Classics also focuses on this goal through the course offerings in classical literature and civilization. Since all the courses in the modern and classical languages emphasize the connections between the languages and cultures they express, they have this goal as a focal point as well.

Goal Two

To be a blessing as a stranger in another land and be hospitable to strangers in one's own land.

This goal is emphasized directly in language courses, beginning with the elementary level and continuing through the advanced (upper division) courses. Faculty work on broadening both the student's world view and recognition that while members of all cultures tend to view others from an ethnocentric point of view, all people should strive to refrain from judging others solely in terms of their own culture.

Goal Three

To reach stated levels of language proficiency, as defined by national standards, depending on the student's program in the majors.

This third goal is an essential part of all courses taught in the various languages offered at SPU. The four skills in the modern languages of listening, speaking, reading and writing are integrated with the study of the cultures lived by the members of the language groups. For the classical languages, the skills of reading and writing are integrated with the study of culture.

Degree Requirements

FRANCOPHONE STUDIES MINOR

35 Credits Minimum, Including 15 Upper Division (UD)

LOWER-DIVISION REQUIRED FRENCH COURSES

Course	Attributes	Credits
FRE 2101 Niveau Intermediaire	WKH	5
FRE 2102 Niveau Intermediaire	-	5
FRE 2103 Niveau Intermediaire	-	5
SECTION CREDITS REQUIRED		15

UPPER-DIVISION REQUIRED FRENCH COURSE

Course	Attributes	Credits
FRE 3100 Advanced French (2-5)	UD	5
FRE 3105 Ecriture Engagee (5)	W, UD, WE	
FRE 3305 Conversation Engagee (3-5)	UD	
SECTION CREDITS REQUIRED		5

UPPER-DIVISION FRENCH ELECTIVE COURSES

Course	Attributes	Credits
FRE 3205 Topics: Francophone Literature (5)	W, UD, WE, CUE	10
FRE 3250 La France et le Monde (3)	UD, CUE	
FRE 3267 Cinema Francophone (3-5)	UD	
FRE 4460 La Lit:Moyen Age au 18e Siecle (3)	W, UD	
FRE 4461 La Litterature:19e-21e Siecles (3)	UD	
FRE 4899 Francophone Capstone (3)	W, UD	
FRE 4900 Independent Study (1-5)	UD	
FRE 4920 Independent Readings in French (1-5)	UD	
FRE 4930 French Tutorial Practicum (1-6)	UD	
FRE 4940 Internship (1-10)	UD	
FRE 4950 Special Topics (3-5)	UD	
SECTION CREDITS REQUIRED		10

ADDITIONAL REQUIRED COURSE

Course	Attributes	Credits
COM 4180 Cultural Communication (5)	UD, CUE	

GDEV 2000 <u>Intro to Global Development</u> (5)	-	
HIS 3720 <u>Rise of Islamic Civilization</u> (5)	W, UD, WE, CUE	
HIS 3730 <u>Modern Middle East</u> (5)	UD, WE	5
HIS 3790 <u>History of Africa</u> (5)	UD, WE	
LCL 3500 <u>Cultural Study Abroad</u> (3-8)	UD, WE, CUE	
LIN 2100 <u>Foundations of Language Study</u> (5)	WKH	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		35

Degree Requirements

MUSIC: COMPOSITION (BA)

83 Credits Minimum, Including 37 Upper Division (UD)

CORE REQUIREMENTS*

Course	Attributes	Credits
MUS 1051 Aural Skills Fundamentals	-	2
MUS 1110 Music Theory I	-	3
MUS 1111 Music Theory II	-	3
MUS 1113 Aural Skills I	-	2
MUS 1114 Aural Skills II	-	2
MUS 1500 Introduction to Improvisation	-	2
MUS 1800 Music History Timeline	-	5
MUS 2115 Lifelong Musicianship	-	4
MUS 2570 Basic Music Technology	-	2
MUS 3712 Choral Conducting (2) MUS 3713 Instrumental Conducting (2)	UD UD	2
MUS 4897 Project Capstone	W, UD	3
MUS 4910 Professional Develop. Seminar	UD	6
SECTION CREDITS REQUIRED		36

CORE: CREATIVE ENGAGEMENT (CE)

Course	Attributes	Credits
MUS 3110 Jazz Theory (3)	UD	9
MUS 3111 20th Cntry Compostn Techniques (3)	UD	
MUS 3112 Form and Analysis (3)	UD	
MUS 3113 Voice Leading (3)	UD	
MUS 3114 Advanced Chromatic Harmony (3)	UD	
MUS 3200 Songwriting (3)	UD	
MUS 4103 Arranging (3)	UD	
SECTION CREDITS REQUIRED		9

CORE: CRITICAL LISTENING CULTURAL REFLECTIONS (CR)

Course	Attributes	Credits
MUS 4230 Music of Renaissance & Baroque (3)	W, UD	9
MUS 4231 Music of Classical & Romantic (3)	W, UD	
MUS 4232 Music of the 20th Century (3)	W, UD	
MUS 4233 Music of Black America (3)	W, UD, CUE	
MUS 4234 Music of the Spice Route (3)	W, UD, CUE	
MUS 4235 Music of the Pacific Rim (3)	W, UD, CUE	
MUS 4236 Jazz History for Music Majors (3)	W, UD, CUE	
MUS 4237 American Popular Music:Majors (3)	W, UD, CUE	
MUS 4238 Psychology of Music (3)	W, UD	
MUS 4239 Mus of Latin Amer. & Caribbean (3)	WKA, W, UD, CUE	
SECTION CREDITS REQUIRED		9

CORE: LARGE ENSEMBLE (LE)

Course	Attributes	Credits
MUS 2301 Gospel Choir (2)	WKA	6
MUS 2305 Treble Choir (2)	WKA	
MUS 2307 Percussion Ensemble (1-2)	WKA	
MUS 2312 Tenor/Bass Choir (2)	WKA	
MUS 2350 Concert Choir (2)	WKA	
MUS 2351 Wind Ensemble (2)	WKA	
MUS 2353 Symphony Orchestra (2)	WKA	
MUS 4301 Gospel Choir (2)	WKA, UD	
MUS 4305 Treble Choir (2)	WKA, UD	
MUS 4307 Percussion Ensemble (1-2)	WKA, UD	
MUS 4312 Tenor/Bass Choir (2)	WKA, UD	
MUS 4350 Concert Choir (2)	WKA, UD	
MUS 4351 Wind Ensemble (2)	WKA, UD	
MUS 4353 Symphony Orchestra (2)	WKA, UD	
SECTION CREDITS REQUIRED		6

CORE: SMALL ENSEMBLE OR MUSIC TECHNIQUE CLASSES

Course	Attributes	Credits
MUS 2304 Chamber Singers (1)	WKA	
MUS 2306 Brass Ensemble (1)	WKA	
MUS 2308 Flute Ensemble (1)	WKA	
MUS 2309 String Quartet (1)	WKA	
MUS 2310 Keyboard Ensemble (1)	WKA	
MUS 2311 Jazz Lab (2)	WKA	
MUS 2313 Vocal Jazz Ensemble (2)	-	
MUS 2340 Chamber Ensemble (1-2)	-	
MUS 2341 Gamelan Ensemble (1)	WKA	
MUS 2342 Worship Band (1,2)	WKA	
MUS 2360 Singing from the Stage (1-2)	WKA	
MUS 2501 Brass Techniques (2)	-	

MUS 2502 Percussion Techniques (2)	-	
MUS 2503 String Techniques (2)	-	6
MUS 2504 Woodwind Techniques (2)	-	
MUS 2505 Jazz Technique (2)	-	
MUS 4304 Chamber Singers (1)	WKA, UD	
MUS 4306 Brass Ensemble (1)	WKA, UD	
MUS 4308 Flute Ensemble (1)	WKA, UD	
MUS 4309 String Quartet (1)	WKA, UD	
MUS 4310 Keyboard Ensemble (1)	WKA, UD	
MUS 4311 Jazz Lab (2)	WKA, UD	
MUS 4313 Vocal Jazz Ensemble (2)	UD	
MUS 4340 Chamber Ensemble (1-2)	UD	
MUS 4341 Gamelan Ensemble (1)	WKA, UD	
MUS 4342 Worship Band (1,2)	WKA, UD	
MUS 4360 Singing from the Stage (1-2)	WKA, UD	
SECTION CREDITS REQUIRED		6

CORE: INDIVIDUAL INSTRUCTION

Course	Attributes	Credits
MUS 2201 Individual Instruction-Flute (1-2)	-	
MUS 2202 Individual Instruction-Oboe (1-2)	-	
MUS 2203 Individual Instructn-Clarinet (1-2)	-	
MUS 2204 Individual Instructn-Bassoon (1-2)	-	
MUS 2205 Individual Instuctn-Trumpet (1-2)	-	
MUS 2206 Individual Instruction-Horn (1-2)	-	
MUS 2207 Individual Instructn-Trombone (1-2)	-	
MUS 2208 Individual Instructn-Euphonium (1-2)	-	
MUS 2209 Individual Instruction-Tuba (1-2)	-	
MUS 2210 Individual Instr-Percussion (1-2)	-	
MUS 2211 Individual Instruction-Violin (1-2)	-	
MUS 2212 Individual Instruction-Viola (1-2)	-	
MUS 2213 Individual Instr-Violoncello (1-2)	-	
MUS 2214 Individual Instr-Double Bass (1-2)	-	
MUS 2215 Individual Instruction-Harp (1-2)	-	
MUS 2216 Individual Instruction-Organ (1-2)	-	
MUS 2217 Individual Instruction-Piano (1-2)	-	
MUS 2218 Individual Instr-Harpsichord (1-2)	-	
MUS 2219 Individual Instruction-Voice (1-2)	-	
MUS 2220 Indiv Instr-Classical Guitar (1-2)	-	
MUS 2221 Individual Instruct-Saxophone (1-2)	-	
MUS 2223 Individual Instr-Jazz Guitar (1-2)	-	
MUS 2224 Individual Instr-Jazz Piano (1-2)	-	
MUS 2225 Individual Instr-Harpsichord (1-2)	-	
MUS 4201 Individual Instruction-Flute (1-2)	UD	6
MUS 4202 Individual Instruction-Oboe (1-2)	UD	
MUS 4203 Individual Instructn-Clarinet (1-2)	UD	
MUS 4204 Individual Instruction-Bassoon (1-2)	UD	
MUS 4205 Individual Instruction-Trumpet (1-2)	UD	
MUS 4206 Individual Instruction-Horn (1-2)	UD	

MUS 4200 Individual Instruction-Trombone (1-2)	UD	
MUS 4207 Individual Instructn-Trombone (1-2)	UD	
MUS 4208 Individual Instructn-Euphonium (1-2)	UD	
MUS 4209 Individual Instruction-Tuba (1-2)	UD	
MUS 4210 Individual Instr-Percussion (1-2)	UD	
MUS 4211 Individual Instruction-Violin (1-2)	UD	
MUS 4212 Individual Instruction-Viola (1-2)	UD	
MUS 4213 Individual Instr-Violoncello (1-2)	UD	
MUS 4214 Individual Instr-Double Bass (1-2)	UD	
MUS 4215 Individual Instruction-Harp (1-2)	UD	
MUS 4216 Individual Instruction-Organ (1-2)	UD	
MUS 4217 Individual Instruction-Piano (1-2)	UD	
MUS 4218 Individual Instr-Harpsichord (1-3)	UD	
MUS 4219 Individual Instruction-Voice (1-2)	UD	
MUS 4220 Indiv Instr-Classical Guitar (1-2)	UD	
MUS 4221 Individual Instruct-Saxophone (1-2)	UD	
MUS 4223 Individual Instr-Jazz Guitar (1-2)	UD	
MUS 4224 Individual Instr-Jazz Piano (1-2)	UD	
MUS 4225 Individual Instr-Harpsichord (1-2)	UD	
SECTION CREDITS REQUIRED		6

COMPOSITION PROJECT REQUIREMENTS

Course	Attributes	Credits
MUS 3102 Composition	UD	3
MUS 3105 Counterpoint	UD	3
MUS 4101 Instrumntation & Orchestration	UD	3
MUS 3205 Film Scoring (2)	UD	
MUS 3608 Advanced Music Notation (3)	UD	2
MUS 4103 Arranging (3)	UD	
SECTION CREDITS REQUIRED		11
MINIMUM TOTAL CREDITS REQUIRED		83

ADDITIONAL REQUIREMENTS AND INFORMATION

- *MUS 4897 must be taken three times to reach 3-CR
- Pass Piano Proficiency Exam
- Junior Project
- Senior Project

Degree Requirements

MUSIC: MUSIC PRODUCTION (BA)

83 Credits Minimum, Including 37 Upper Division (UD)

CORE REQUIREMENTS*

Course	Attributes	Credits
MUS 1051 Aural Skills Fundamentals	-	2
MUS 1110 Music Theory I	-	3
MUS 1111 Music Theory II	-	3
MUS 1113 Aural Skills I	-	2
MUS 1114 Aural Skills II	-	2
MUS 1500 Introduction to Improvisation	-	2
MUS 1800 Music History Timeline	-	5
MUS 2115 Lifelong Musicianship	-	4
MUS 2570 Basic Music Technology	-	2
MUS 3712 Choral Conducting (2) MUS 3713 Instrumental Conducting (2)	UD UD	2
MUS 4897 Project Capstone	W, UD	3
MUS 4910 Professional Develop. Seminar	UD	6
SECTION CREDITS REQUIRED		36

CORE: CREATIVE ENGAGEMENT (CE)

Course	Attributes	Credits
MUS 3102 Composition (3)	UD	9
MUS 3105 Counterpoint (3)	UD	
MUS 3110 Jazz Theory (3)	UD	
MUS 3111 20th Cntry Compostn Techniques (3)	UD	
MUS 3112 Form and Analysis (3)	UD	
MUS 3113 Voice Leading (3)	UD	
MUS 3114 Advanced Chromatic Harmony (3)	UD	
MUS 3200 Songwriting (3)	UD	
MUS 4101 Instrumntation & Orchestration (3)	UD	
MUS 4103 Arranging (3)	UD	

SECTION CREDITS REQUIRED	9
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CORE: CRITICAL LISTENING CULTURAL REFLECTIONS (CR)

Course	Attributes	Credits
MUS 4230 Music of Renaissance & Baroque (3)	W, UD	9
MUS 4231 Music of Classical & Romantic (3)	W, UD	
MUS 4232 Music of the 20th Century (3)	W, UD	
MUS 4233 Music of Black America (3)	W, UD, CUE	
MUS 4234 Music of the Spice Route (3)	W, UD, CUE	
MUS 4235 Music of the Pacific Rim (3)	W, UD, CUE	
MUS 4236 Jazz History for Music Majors (3)	W, UD, CUE	
MUS 4237 American Popular Music:Majors (3)	W, UD, CUE	
MUS 4238 Psychology of Music (3)	W, UD	
MUS 4239 Mus of Latin Amer. & Caribbean (3)	WKA, W, UD, CUE	
SECTION CREDITS REQUIRED		9

CORE: LARGE ENSEMBLE (LE)

Course	Attributes	Credits
MUS 2301 Gospel Choir (2)	WKA	6
MUS 2305 Treble Choir (2)	WKA	
MUS 2307 Percussion Ensemble (1-2)	WKA	
MUS 2312 Tenor/Bass Choir (2)	WKA	
MUS 2350 Concert Choir (2)	WKA	
MUS 2351 Wind Ensemble (2)	WKA	
MUS 2353 Symphony Orchestra (2)	WKA	
MUS 4301 Gospel Choir (2)	WKA, UD	
MUS 4305 Treble Choir (2)	WKA, UD	
MUS 4307 Percussion Ensemble (1-2)	WKA, UD	
MUS 4312 Tenor/Bass Choir (2)	WKA, UD	
MUS 4350 Concert Choir (2)	WKA, UD	
MUS 4351 Wind Ensemble (2)	WKA, UD	
MUS 4353 Symphony Orchestra (2)	WKA, UD	
SECTION CREDITS REQUIRED		6

CORE: SMALL ENSEMBLE OR MUSIC TECHNIQUE CLASSES

Course	Attributes	Credits
MUS 2304 Chamber Singers (1)	WKA	
MUS 2306 Brass Ensemble (1)	WKA	
MUS 2308 Flute Ensemble (1)	WKA	
MUS 2309 String Quartet (1)	WKA	
MUS 2310 Keyboard Ensemble (1)	WKA	
MUS 2311 Jazz Lab (2)	WKA	
MUS 2313 Vocal Jazz Ensemble (2)	-	
MUS 2340 Chamber Ensemble (1-2)	-	
MUS 2341 Gamelan Ensemble (1)	WKA	

MUS 2342 <u>Worship Band</u> (1,2)	WKA	
MUS 2360 <u>Singing from the Stage</u> (1-2)	WKA	
MUS 2501 <u>Brass Techniques</u> (2)	-	
MUS 2502 <u>Percussion Techniques</u> (2)	-	
MUS 2503 <u>String Techniques</u> (2)	-	6
MUS 2504 <u>Woodwind Techniques</u> (2)	-	
MUS 2505 <u>Jazz Technique</u> (2)	-	
MUS 4304 <u>Chamber Singers</u> (1)	WKA, UD	
MUS 4306 <u>Brass Ensemble</u> (1)	WKA, UD	
MUS 4308 <u>Flute Ensemble</u> (1)	WKA, UD	
MUS 4309 <u>String Quartet</u> (1)	WKA, UD	
MUS 4310 <u>Keyboard Ensemble</u> (1)	WKA, UD	
MUS 4311 <u>Jazz Lab</u> (2)	WKA, UD	
MUS 4313 <u>Vocal Jazz Ensemble</u> (2)	UD	
MUS 4340 <u>Chamber Ensemble</u> (1-2)	UD	
MUS 4341 <u>Gamelan Ensemble</u> (1)	WKA, UD	
MUS 4342 <u>Worship Band</u> (1,2)	WKA, UD	
MUS 4360 <u>Singing from the Stage</u> (1-2)	WKA, UD	
SECTION CREDITS REQUIRED		6

CORE: INDIVIDUAL INSTRUCTION

Course	Attributes	Credits
MUS 2201 <u>Individual Instruction-Flute</u> (1-2)	-	
MUS 2202 <u>Individual Instruction-Oboe</u> (1-2)	-	
MUS 2203 <u>Individual Instructn-Clarinet</u> (1-2)	-	
MUS 2204 <u>Individual Instructn-Bassoon</u> (1-2)	-	
MUS 2205 <u>Individual Instuctn-Trumpet</u> (1-2)	-	
MUS 2206 <u>Individual Instruction-Horn</u> (1-2)	-	
MUS 2207 <u>Individual Instructn-Trombone</u> (1-2)	-	
MUS 2208 <u>Individual Instructn-Euphonium</u> (1-2)	-	
MUS 2209 <u>Individual Instruction-Tuba</u> (1-2)	-	
MUS 2210 <u>Individual Instr-Percussion</u> (1-2)	-	
MUS 2211 <u>Individual Instruction-Violin</u> (1-2)	-	
MUS 2212 <u>Individual Instruction-Viola</u> (1-2)	-	
MUS 2213 <u>Individual Instr-Violoncello</u> (1-2)	-	
MUS 2214 <u>Individual Instr-Double Bass</u> (1-2)	-	
MUS 2215 <u>Individual Instruction-Harp</u> (1-2)	-	
MUS 2216 <u>Individual Instruction-Organ</u> (1-2)	-	
MUS 2217 <u>Individual Instruction-Piano</u> (1-2)	-	
MUS 2218 <u>Individual Instr-Harpsichord</u> (1-2)	-	
MUS 2219 <u>Individual Instruction-Voice</u> (1-2)	-	
MUS 2220 <u>Indiv Instr-Classical Guitar</u> (1-2)	-	
MUS 2221 <u>Individual Instruct-Saxophone</u> (1-2)	-	
MUS 2223 <u>Individual Instr-Jazz Guitar</u> (1-2)	-	
MUS 2224 <u>Individual Instr-Jazz Piano</u> (1-2)	-	
MUS 2225 <u>Individual Instr-Harpsichord</u> (1-2)	-	
MUS 4201 <u>Individual Instruction-Flute</u> (1-2)	UD	6
MUS 4202 <u>Individual Instruction-Oboe</u> (1-2)	UD	
MUS 4203 <u>Individual Instructn-Clarinet</u> (1-2)	UD	

MUS 4200 Individual Instruction-Clarinet (1-2)	UD	
MUS 4204 Individual Instruction-Bassoon (1-2)	UD	
MUS 4205 Individual Instruction-Trumpet (1-2)	UD	
MUS 4206 Individual Instruction-Horn (1-2)	UD	
MUS 4207 Individual Instructn-Trombone (1-2)	UD	
MUS 4208 Individual Instructn-Euphonium (1-2)	UD	
MUS 4209 Individual Instruction-Tuba (1-2)	UD	
MUS 4210 Individual Instr-Percussion (1-2)	UD	
MUS 4211 Individual Instruction-Violin (1-2)	UD	
MUS 4212 Individual Instruction-Viola (1-2)	UD	
MUS 4213 Individual Instr-Violoncello (1-2)	UD	
MUS 4214 Individual Instr-Double Bass (1-2)	UD	
MUS 4215 Individual Instruction-Harp (1-2)	UD	
MUS 4216 Individual Instruction-Organ (1-2)	UD	
MUS 4217 Individual Instruction-Piano (1-2)	UD	
MUS 4218 Individual Instr-Harpsichord (1-3)	UD	
MUS 4219 Individual Instruction-Voice (1-2)	UD	
MUS 4220 Indiv Instr-Classical Guitar (1-2)	UD	
MUS 4221 Individual Instruct-Saxophone (1-2)	UD	
MUS 4223 Individual Instr-Jazz Guitar (1-2)	UD	
MUS 4224 Individual Instr-Jazz Piano (1-2)	UD	
MUS 4225 Individual Instr-Harpsichord (1-2)	UD	
SECTION CREDITS REQUIRED		6

RECORDING PROJECT REQUIREMENTS

Course	Attributes	Credits
MUS 3201 Sequence and Midi (2)	UD	
MUS 3202 Mixing and Mastering (2)	UD	
MUS 3203 Recording (2)	UD	8
MUS 3204 Live Sound (2)	UD	
MUS 3608 Advanced Music Notation (3)	UD	
SECTION CREDITS REQUIRED		8

RECORDING PROJECT PRACTICUM

Course	Attributes	Credits
MUS 2936 Music Practicum:Production (1)	-	3
MUS 4936 Music Practicum:Production (1)	UD	
SECTION CREDITS REQUIRED		3
MINIMUM TOTAL CREDITS REQUIRED		83

ADDITIONAL REQUIREMENTS AND INFORMATION

- *MUS 4897 must be taken three times to reach 3-CR
- Pass Piano Proficiency Exam
- Junior Project

Senior Project

- Senior Project

Degree Requirements

MUSIC: PERFORMANCE (BA)

83 Credits Minimum, Including 37 Upper Division (UD)

CORE REQUIREMENTS*

Course	Attributes	Credits
MUS 1051 Aural Skills Fundamentals	-	2
MUS 1110 Music Theory I	-	3
MUS 1111 Music Theory II	-	3
MUS 1113 Aural Skills I	-	2
MUS 1114 Aural Skills II	-	2
MUS 1500 Introduction to Improvisation	-	2
MUS 1800 Music History Timeline	-	5
MUS 2115 Lifelong Musicianship	-	4
MUS 2570 Basic Music Technology	-	2
MUS 3712 Choral Conducting (2)	UD	2
MUS 3713 Instrumental Conducting (2)	UD	
MUS 4897 Project Capstone	W, UD	3
MUS 4910 Professional Develop. Seminar	UD	6
SECTION CREDITS REQUIRED		36

CORE: CREATIVE ENGAGEMENT (CE)

Course	Attributes	Credits
MUS 3102 Composition (3)	UD	9
MUS 3105 Counterpoint (3)	UD	
MUS 3110 Jazz Theory (3)	UD	
MUS 3111 20th Cntry Compositn Techniques (3)	UD	
MUS 3112 Form and Analysis (3)	UD	
MUS 3113 Voice Leading (3)	UD	
MUS 3114 Advanced Chromatic Harmony (3)	UD	
MUS 3200 Songwriting (3)	UD	
MUS 4101 Instrumntation & Orchestration (3)	UD	
MUS 4103 Arranging (3)	UD	

SECTION CREDITS REQUIRED	9
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CORE: CRITICAL LISTENING CULTURAL REFLECTIONS (CR)

Course	Attributes	Credits
MUS 4230 Music of Renaissance & Baroque (3)	W, UD	9
MUS 4231 Music of Classical & Romantic (3)	W, UD	
MUS 4232 Music of the 20th Century (3)	W, UD	
MUS 4233 Music of Black America (3)	W, UD, CUE	
MUS 4234 Music of the Spice Route (3)	W, UD, CUE	
MUS 4235 Music of the Pacific Rim (3)	W, UD, CUE	
MUS 4236 Jazz History for Music Majors (3)	W, UD, CUE	
MUS 4237 American Popular Music:Majors (3)	W, UD, CUE	
MUS 4238 Psychology of Music (3)	W, UD	
MUS 4239 Mus of Latin Amer. & Caribbean (3)	WKA, W, UD, CUE	
SECTION CREDITS REQUIRED		9

CORE: LARGE ENSEMBLE (LE)

Course	Attributes	Credits
MUS 2301 Gospel Choir (2)	WKA	6
MUS 2305 Treble Choir (2)	WKA	
MUS 2307 Percussion Ensemble (1-2)	WKA	
MUS 2312 Tenor/Bass Choir (2)	WKA	
MUS 2350 Concert Choir (2)	WKA	
MUS 2351 Wind Ensemble (2)	WKA	
MUS 2353 Symphony Orchestra (2)	WKA	
MUS 4301 Gospel Choir (2)	WKA, UD	
MUS 4305 Treble Choir (2)	WKA, UD	
MUS 4307 Percussion Ensemble (1-2)	WKA, UD	
MUS 4312 Tenor/Bass Choir (2)	WKA, UD	
MUS 4350 Concert Choir (2)	WKA, UD	
MUS 4351 Wind Ensemble (2)	WKA, UD	
MUS 4353 Symphony Orchestra (2)	WKA, UD	
SECTION CREDITS REQUIRED		6

CORE: SMALL ENSEMBLE OR MUSIC TECHNIQUE CLASSES

Course	Attributes	Credits
MUS 2304 Chamber Singers (1)	WKA	
MUS 2306 Brass Ensemble (1)	WKA	
MUS 2308 Flute Ensemble (1)	WKA	
MUS 2309 String Quartet (1)	WKA	
MUS 2310 Keyboard Ensemble (1)	WKA	
MUS 2311 Jazz Lab (2)	WKA	
MUS 2313 Vocal Jazz Ensemble (2)	-	
MUS 2340 Chamber Ensemble (1-2)	-	
MUS 2341 Gamelan Ensemble (1)	WKA	

MUS 2342 Worship Band (1,2)	WKA	
MUS 2360 Singing from the Stage (1-2)	WKA	
MUS 2501 Brass Techniques (2)	-	
MUS 2502 Percussion Techniques (2)	-	
MUS 2503 String Techniques (2)	-	6
MUS 2504 Woodwind Techniques (2)	-	
MUS 2505 Jazz Technique (2)	-	
MUS 4304 Chamber Singers (1)	WKA, UD	
MUS 4306 Brass Ensemble (1)	WKA, UD	
MUS 4308 Flute Ensemble (1)	WKA, UD	
MUS 4309 String Quartet (1)	WKA, UD	
MUS 4310 Keyboard Ensemble (1)	WKA, UD	
MUS 4311 Jazz Lab (2)	WKA, UD	
MUS 4313 Vocal Jazz Ensemble (2)	UD	
MUS 4340 Chamber Ensemble (1-2)	UD	
MUS 4341 Gamelan Ensemble (1)	WKA, UD	
MUS 4342 Worship Band (1,2)	WKA, UD	
MUS 4360 Singing from the Stage (1-2)	WKA, UD	
SECTION CREDITS REQUIRED		6

CORE: INDIVIDUAL INSTRUCTION

Course	Attributes	Credits
MUS 2201 Individual Instruction-Flute (1-2)	-	
MUS 2202 Individual Instruction-Oboe (1-2)	-	
MUS 2203 Individual Instructn-Clarinet (1-2)	-	
MUS 2204 Individual Instructn-Bassoon (1-2)	-	
MUS 2205 Individual Instuctn-Trumpet (1-2)	-	
MUS 2206 Individual Instruction-Horn (1-2)	-	
MUS 2207 Individual Instructn-Trombone (1-2)	-	
MUS 2208 Individual Instructn-Euphonium (1-2)	-	
MUS 2209 Individual Instruction-Tuba (1-2)	-	
MUS 2210 Individual Instr-Percussion (1-2)	-	
MUS 2211 Individual Instruction-Violin (1-2)	-	
MUS 2212 Individual Instruction-Viola (1-2)	-	
MUS 2213 Individual Instr-Violoncello (1-2)	-	
MUS 2214 Individual Instr-Double Bass (1-2)	-	
MUS 2215 Individual Instruction-Harp (1-2)	-	
MUS 2216 Individual Instruction-Organ (1-2)	-	
MUS 2217 Individual Instruction-Piano (1-2)	-	
MUS 2218 Individual Instr-Harpsichord (1-2)	-	
MUS 2219 Individual Instruction-Voice (1-2)	-	
MUS 2220 Indiv Instr-Classical Guitar (1-2)	-	
MUS 2221 Individual Instruct-Saxophone (1-2)	-	
MUS 2223 Individual Instr-Jazz Guitar (1-2)	-	
MUS 2224 Individual Instr-Jazz Piano (1-2)	-	
MUS 2225 Individual Instr-Harpsichord (1-2)	-	
MUS 4201 Individual Instruction-Flute (1-2)	UD	6
MUS 4202 Individual Instruction-Oboe (1-2)	UD	
MUS 4203 Individual Instructn-Clarinet (1-2)	UD	

MUS 4200 Individual Instruction-Clarinet (1-2)	UD	
MUS 4204 Individual Instruction-Bassoon (1-2)	UD	
MUS 4205 Individual Instruction-Trumpet (1-2)	UD	
MUS 4206 Individual Instruction-Horn (1-2)	UD	
MUS 4207 Individual Instructn-Trombone (1-2)	UD	
MUS 4208 Individual Instructn-Euphonium (1-2)	UD	
MUS 4209 Individual Instruction-Tuba (1-2)	UD	
MUS 4210 Individual Instr-Percussion (1-2)	UD	
MUS 4211 Individual Instruction-Violin (1-2)	UD	
MUS 4212 Individual Instruction-Viola (1-2)	UD	
MUS 4213 Individual Instr-Violoncello (1-2)	UD	
MUS 4214 Individual Instr-Double Bass (1-2)	UD	
MUS 4215 Individual Instruction-Harp (1-2)	UD	
MUS 4216 Individual Instruction-Organ (1-2)	UD	
MUS 4217 Individual Instruction-Piano (1-2)	UD	
MUS 4218 Individual Instr-Harpsichord (1-3)	UD	
MUS 4219 Individual Instruction-Voice (1-2)	UD	
MUS 4220 Indiv Instr-Classical Guitar (1-2)	UD	
MUS 4221 Individual Instruct-Saxophone (1-2)	UD	
MUS 4223 Individual Instr-Jazz Guitar (1-2)	UD	
MUS 4224 Individual Instr-Jazz Piano (1-2)	UD	
MUS 4225 Individual Instr-Harpsichord (1-2)	UD	
SECTION CREDITS REQUIRED		6

PERFORMANCE PROJECT (VOCAL PERF REQUIRES 9CR IN THIS GROUP)

Course	Attributes	Credits
MUS 3510 Music Pedagogy	UD	3
MUS 2260 The Singer's Art I (3)	-	6
MUS 2261 The Singer's Art II (3)	-	
- OR -		
MUS 3300 Instrumental Repertoire	UD	3
SECTION CREDITS REQUIRED		6

Performance Project UD Individual Instruction (5cr add'l)	5
MINIMUM TOTAL CREDITS REQUIRED	83

ADDITIONAL REQUIREMENTS AND INFORMATION

- *MUS 4897 must be taken three times to reach 3-CR
- Pass Piano Proficiency Exam
- Junior Project
- Senior Project
- Voice Perf Reqs 1 Qtr in FRE, GER or ITL language

Degree Requirements

FRENCH AND FRANCOPHONE STUDIES (BA)

54 Credits Minimum, Including 29 Upper Division (UD)

LOWER-DIVISION REQUIRED FRENCH COURSES

Course	Attributes	Credits
FRE 2101 Niveau Intermediaire	WKH	5
FRE 2102 Niveau Intermediaire	-	5
FRE 2103 Niveau Intermediaire	-	5
SECTION CREDITS REQUIRED		15

UPPER-DIVISION REQUIRED FRENCH COURSES

Course	Attributes	Credits
FRE 3100 Advanced French (2-5)	UD	15
FRE 3105 Ecriture Engagee (5)	W, UD, WE	
FRE 3205 Topics: Francophone Literature (5)	W, UD, WE, CUE	
FRE 3250 La France et le Monde (3)	UD, CUE	
FRE 3305 Conversation Engagee (3-5)	UD	
SECTION CREDITS REQUIRED		15

UPPER-DIVISION ELECTIVE FRENCH COURSES

Course	Attributes	Credits
FRE 3267 Cinema Francophone (3-5)	UD	6
FRE 4460 La Lit:Moyen Age au 18e Siecle (3)	W, UD	
FRE 4461 La Litterature:19e-21e Siecles (3)	UD	
FRE 4900 Independent Study (1-5)	UD	
FRE 4920 Independent Readings in French (1-5)	UD	
FRE 4930 French Tutorial Practicum (1-6)	UD	
FRE 4940 Internship (1-10)	UD	
FRE 4950 Special Topics (3-5)	UD	
SECTION CREDITS REQUIRED		6

REQUIRED CAPSTONE COURSE

Course	Attributes	Credits
FRE 4899 Francophone Capstone	W, UD	3
SECTION CREDITS REQUIRED		3

SECTION CREDITS REQUIRED**REQUIRED HISTORY/GLOBAL COURSE**

Course	Attributes	Credits
COM 4180 Cultural Communication (5)	UD, CUE	5
GDEV 2000 Intro to Global Development (5)	-	
HIS 3720 Rise of Islamic Civilization (5)	W, UD, WE, CUE	
HIS 3730 Modern Middle East (5)	UD, WE	
HIS 3790 History of Africa (5)	UD, WE	
LCL 3000 Study Abroad Orientation (3)	UD	
LCL 4950 Special Topics (1-5)	UD	
SECTION CREDITS REQUIRED		5

LANGUAGE (SEE ADVISOR FOR FOREIGN LANGUAGE SUBSTITUTES)

Course	Attributes	Credits
LIN 2100 Foundations of Language Study	WKH	5
SECTION CREDITS REQUIRED		5

STUDY ABROAD (AN APPROVED ALTERNATE MAY REPLACE THIS)

Course	Attributes	Credits
LCL 3500 Cultural Study Abroad	UD, WE, CUE	5
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		54

ADDITIONAL REQUIREMENTS AND INFORMATION

- 18 UD credits must be in courses taught in French
- Oral Proficiency Interview (OPI)
- Senior Capstone paper required

Degree Requirements

ENGLISH LITERATURE MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
ENG 2251 Eng Lit:Beginning Thru Milton	-	5
ENG 2252 Eng Lit: Restoration-Victorian	-	5
ENG 2253 Amer Lit:Beginnings to 1900	-	5
ENG 4445 Shakespeare	UD	5
SECTION CREDITS REQUIRED		20

ADVANCED LITERARY STUDIES

Course	Attributes	Credits
ENG 3003 Literature and Medicine (5)	W, UD, WE	
ENG 3004 Literature, Gender & Sexuality (5)	UD	
ENG 3325 Film and Story (5)	W, UD	
ENG 3332 African-American Literature (5)	W, UD	
ENG 3334 US Multi-Ethnic Literature (5)	UD, WKH, CUE	
ENG 3335 Celtic Literature and Culture (5)	W, UD, WKH, CUE	
ENG 3339 U.S. Latinx Literature (5)	W, UD	
ENG 3345 Medieval English Literature (5)	W, UD	
ENG 3346 English Renaissance Literature (5)	W, UD	
ENG 3347 Lit: Enlightenment&Revolution (5)	W, UD	
ENG 3348 Romantic Poetry and Fiction (5)	W, UD	
ENG 3351 Victorian Literature (5)	W, UD	
ENG 3380 African Literature (5)	W, UD, CUE	
ENG 3381 Middle Eastern Literature (5)	W, UD, CUE	
ENG 3382 South Africa (5)	UD, WE, CUE	
SJC 3382 South Africa (5)	UD, WE, CUE	
ENG 3383 Arab Spring (5)	W, UD, WE, CUE	
SJC 3383 Arab Spring (5)	W, UD, WE, CUE	10
ENG 3384 Empires of Asia (5)	W, UD, CUE	
ENG 3386 The Eternal City (5)	W, UD, WE	
ENG 3710 19th Century American Lit (5)	W, UD	
ENG 3715 20th Century American Lit (5)	W, UD	
ENG 3840 Lewis and Tolkien (5)	W, UD	
ENG 4152 Modernist Literature (5)	W, UD	
ENG 4162 Postmodern Literature (5)	W, UD	
ENG 4445 Shakespeare (5)	W, UD	

ENG 4440 Geoffrey Chaucer (5)	W, UD	
ENG 4442 John Milton (5)	W, UD	
ENG 4449 Jane Austen (5)	W, UD	
ENG 4450 Emily Dickinson (5)	W, UD	
ENG 4451 Toni Morrison (5)	W, UD	
ENG 4822 The Novel (5)	W, UD	
ENG 4823 The Poem (5)	W, UD	
ENG 4824 The Short Story (5)	W, UD	
ENG 4825 The Essay (5)	W, UD	
ENG 4950 Special Topics (1-5)	W, UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		30

ADDITIONAL REQUIREMENTS AND INFORMATION

- **ENG 2221/2223/2234/2248 OK for Adv Lit Studies (1 Only)

WHO WE ARE

Part of the Languages, Cultures, and Linguistics Department, Linguistics and Cultural Studies offers students a major and minor. Either may enrich the learning of students also pursuing studies in a variety of fields, including anthropology, global development, global and urban ministries, sociology, and specific languages. Students of linguistics generally prepare themselves to enter professional fields such as translation, teaching, and linguistic research.

OUR MISSION

The mission of the Department of Languages, Cultures, and Linguistics is to produce majors in foreign language with the linguistic, cultural and literary competence, and the Christian character necessary to engage the world and be effective agents of positive change in the world.

LEARNING OUTCOMES

Goal One

To understand and appreciate the rich diversity of world languages and cultures, both ancient and modern.

All foundation courses in European studies and Latin American studies focus on this goal through the content of the individual courses. The major in Classics also focuses on this goal through the course offerings in classical literature and civilization. Since all the courses in the modern and classical languages emphasize the connections between the languages and cultures they express, they have this goal as a focal point as well.

Goal Two

To be a blessing as a stranger in another land and be hospitable to strangers in one's own land.

This goal is emphasized directly in language courses, beginning with the elementary level and continuing through the advanced (upper division) courses. Faculty work on broadening both the student's world view and recognition that while members of all cultures tend to view others from an ethnocentric point of view, all people should strive to refrain from judging others solely in terms of their own culture.

Goal Three

To reach stated levels of language proficiency, as defined by national standards, depending on the student's program in the majors.

This third goal is an essential part of all courses taught in the various languages offered at SPU. The four skills in the modern languages of listening, speaking, reading and writing are integrated with the study of the cultures lived by the members of the language groups. For the classical languages, the skills of reading and writing are integrated with the study of culture.

Degree Requirements

MUSIC AND WORSHIP ARTS MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

THEORETICAL FOUNDATIONS OF MUSIC

Course	Attributes	Credits
MUS 1050 Fundamentals of Music	WKA	3
MUS 1051 Aural Skills Fundamentals	-	2
MUS 1800 Music History Timeline	-	5
SECTION CREDITS REQUIRED		10

THEOLOGICAL AND HISTORICAL FOUNDATIONS

Course	Attributes	Credits
MUS 3401 Music & Worship	UD, WE	2
MUS 3402 The Song of the Church	UD, WE	3
THEO 3403 History & Theology of Christian Worship	UD, WE	3
MUS 4777 Theology of Music	UD	3
SECTION CREDITS REQUIRED		11

TRADITIONAL PERFORMANCE PRACTICES (UPPER DIVISION REQUIRED)

Course	Attributes	Credits
MUS 4305 Treble Choir (2)	WKA, UD	4
MUS 4307 Percussion Ensemble (1-2)	WKA, UD	
MUS 4312 Tenor/Bass Choir (2)	WKA, UD	
MUS 4350 Concert Choir (2)	WKA, UD	
MUS 4351 Wind Ensemble (2)	WKA, UD	
MUS 4353 Symphony Orchestra (2)	WKA, UD	
SECTION CREDITS REQUIRED		4

CONTEMPORARY PERFORMANCE PRACTICES

Course	Attributes	Credits
MUS 2301 Gospel Choir (2)	WKA	2
MUS 4301 Gospel Choir (2)	WKA, UD	
MUS 2342 Worship Band (1,2)	WKA	

MUS 4342 <u>Worship Band</u> (1,2)	WKA, UD	
SECTION CREDITS REQUIRED		2

CHRISTIAN SPIRITUALITY IN RELATIONAL CONTEXT

Course	Attributes	Credits
THEO 3733 <u>Small Group Dynamics</u> (3)	UD	3
THEO 4735 <u>Formative Christian Community</u> (3)	UD	
SECTION CREDITS REQUIRED		3
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

MUSIC THERAPY: EMPHASIS IN PSYCHOLOGY (BA)

114 Credits Minimum, Including 29 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
MUS 1051 Aural Skills Fundamentals	-	2
MUS 1110 Music Theory I	-	3
MUS 1111 Music Theory II	-	3
MUS 1113 Aural Skills I	-	2
MUS 1114 Aural Skills II	-	2
MUS 1500 Introduction to Improvisation	-	2
MUS 1800 Music History Timeline	-	5
MUS 2115 Lifelong Musicianship	-	4
MUS 2570 Basic Music Technology	-	2
MUS 3712 Choral Conducting (2)	UD	2
MUS 3713 Instrumental Conducting (2)	UD	
SECTION CREDITS REQUIRED		27

VOCATIONAL CREDITS

Course	Attributes	Credits
MUS 4238 Psychology of Music	W, UD	3
SECTION CREDITS REQUIRED		3

CORE: CREATIVE ENGAGEMENT (CE)

Course	Attributes	Credits
MUS 3102 Composition (3)	UD	9
MUS 3105 Counterpoint (3)	UD	
MUS 3110 Jazz Theory (3)	UD	
MUS 3111 20th Cntry Compostn Techniques (3)	UD	
MUS 3112 Form and Analysis (3)	UD	
MUS 3113 Voice Leading (3)	UD	
MUS 3114 Advanced Chromatic Harmony (3)	UD	

MUS 3200 Songwriting (3)	UD	
MUS 4101 Instrumentation & Orchestration (3)	UD	
MUS 4103 Arranging (3)	UD	
SECTION CREDITS REQUIRED		9

CORE: CRITICAL LISTENING CULTURAL REFLECTIONS (CR)

Course	Attributes	Credits
MUS 4230 Music of Renaissance & Baroque (3)	W, UD	
MUS 4231 Music of Classical & Romantic (3)	W, UD	
MUS 4232 Music of the 20th Century (3)	W, UD	
MUS 4233 Music of Black America (3)	W, UD, CUE	
MUS 4234 Music of the Spice Route (3)	W, UD, CUE	9
MUS 4235 Music of the Pacific Rim (3)	W, UD, CUE	
MUS 4236 Jazz History for Music Majors (3)	W, UD, CUE	
MUS 4237 American Popular Music:Majors (3)	W, UD, CUE	
MUS 4239 Mus of Latin Amer. & Caribbean (3)	WKA, W, UD, CUE	
SECTION CREDITS REQUIRED		9

CORE: LARGE ENSEMBLE (LE)

Course	Attributes	Credits
MUS 2301 Gospel Choir (2)	WKA	
MUS 2305 Treble Choir (2)	WKA	
MUS 2307 Percussion Ensemble (1-2)	WKA	
MUS 2312 Tenor/Bass Choir (2)	WKA	
MUS 2350 Concert Choir (2)	WKA	
MUS 2351 Wind Ensemble (2)	WKA	
MUS 2353 Symphony Orchestra (2)	WKA	
MUS 4301 Gospel Choir (2)	WKA, UD	6
MUS 4305 Treble Choir (2)	WKA, UD	
MUS 4307 Percussion Ensemble (1-2)	WKA, UD	
MUS 4312 Tenor/Bass Choir (2)	WKA, UD	
MUS 4350 Concert Choir (2)	WKA, UD	
MUS 4351 Wind Ensemble (2)	WKA, UD	
MUS 4353 Symphony Orchestra (2)	WKA, UD	
SECTION CREDITS REQUIRED		6

SMALL ENSEMBLE OR MUSIC TECHNIQUE CLASSES

Course	Attributes	Credits
MUS 2304 Chamber Singers (1)	WKA	
MUS 2306 Brass Ensemble (1)	WKA	
MUS 2308 Flute Ensemble (1)	WKA	
MUS 2309 String Quartet (1)	WKA	
MUS 2310 Keyboard Ensemble (1)	WKA	
MUS 2311 Jazz Lab (2)	WKA	
MUS 2313 Vocal Jazz Ensemble (2)	-	

MUS 2340 Chamber Ensemble (1-2)	-	
MUS 2341 Gamelan Ensemble (1)	WKA	
MUS 2342 Worship Band (1,2)	WKA	
MUS 2360 Singing from the Stage (1-2)	WKA	
MUS 2501 Brass Techniques (2)	-	
MUS 2502 Percussion Techniques (2)	-	
MUS 2503 String Techniques (2)	-	3
MUS 2504 Woodwind Techniques (2)	-	
MUS 2505 Jazz Technique (2)	-	
MUS 4304 Chamber Singers (1)	WKA, UD	
MUS 4306 Brass Ensemble (1)	WKA, UD	
MUS 4308 Flute Ensemble (1)	WKA, UD	
MUS 4309 String Quartet (1)	WKA, UD	
MUS 4310 Keyboard Ensemble (1)	WKA, UD	
MUS 4311 Jazz Lab (2)	WKA, UD	
MUS 4313 Vocal Jazz Ensemble (2)	UD	
MUS 4340 Chamber Ensemble (1-2)	UD	
MUS 4341 Gamelan Ensemble (1)	WKA, UD	
MUS 4342 Worship Band (1,2)	WKA, UD	
MUS 4360 Singing from the Stage (1-2)	WKA, UD	
SECTION CREDITS REQUIRED		3

INDIVIDUAL INSTRUCTION (INCLUDING 3CR UD MINIMUM)

Course	Attributes	Credits
MUS 2201 Individual Instruction-Flute (1-2)	-	
MUS 2202 Individual Instruction-Oboe (1-2)	-	
MUS 2203 Individual Instructn-Clarinet (1-2)	-	
MUS 2204 Individual Instructn-Bassoon (1-2)	-	
MUS 2205 Individual Instuctn-Trumpet (1-2)	-	
MUS 2206 Individual Instruction-Horn (1-2)	-	
MUS 2207 Individual Instructn-Trombone (1-2)	-	
MUS 2208 Individual Instructn-Euphonium (1-2)	-	
MUS 2209 Individual Instruction-Tuba (1-2)	-	
MUS 2210 Individual Instr-Percussion (1-2)	-	
MUS 2211 Individual Instruction-Violin (1-2)	-	
MUS 2212 Individual Instruction-Viola (1-2)	-	
MUS 2213 Individual Instr-Violoncello (1-2)	-	
MUS 2214 Individual Instr-Double Bass (1-2)	-	
MUS 2215 Individual Instruction-Harp (1-2)	-	
MUS 2216 Individual Instruction-Organ (1-2)	-	
MUS 2217 Individual Instruction-Piano (1-2)	-	
MUS 2218 Individual Instr-Harpsichord (1-2)	-	
MUS 2219 Individual Instruction-Voice (1-2)	-	
MUS 2220 Indiv Instr-Classical Guitar (1-2)	-	
MUS 2221 Individual Instruct-Saxophone (1-2)	-	
MUS 2223 Individual Instr-Jazz Guitar (1-2)	-	
MUS 2224 Individual Instr-Jazz Piano (1-2)	-	
MUS 2225 Individual Instr-Harpsichord (1-2)	-	9

MUS 4201 Individual Instruction-Flute (1-2)	UD	✓
MUS 4202 Individual Instruction-Oboe (1-2)	UD	
MUS 4203 Individual Instructn-Clarinet (1-2)	UD	
MUS 4204 Individual Instruction-Bassoon (1-2)	UD	
MUS 4205 Individual Instruction-Trumpet (1-2)	UD	
MUS 4206 Individual Instruction-Horn (1-2)	UD	
MUS 4207 Individual Instructn-Trombone (1-2)	UD	
MUS 4208 Individual Instructn-Euphonium (1-2)	UD	
MUS 4209 Individual Instruction-Tuba (1-2)	UD	
MUS 4210 Individual Instr-Percussion (1-2)	UD	
MUS 4211 Individual Instruction-Violin (1-2)	UD	
MUS 4212 Individual Instruction-Viola (1-2)	UD	
MUS 4213 Individual Instr-Violoncello (1-2)	UD	
MUS 4214 Individual Instr-Double Bass (1-2)	UD	
MUS 4215 Individual Instruction-Harp (1-2)	UD	
MUS 4216 Individual Instruction-Organ (1-2)	UD	
MUS 4217 Individual Instruction-Piano (1-2)	UD	
MUS 4218 Individual Instr-Harpsichord (1-3)	UD	
MUS 4219 Individual Instruction-Voice (1-2)	UD	
MUS 4220 Indiv Instr-Classical Guitar (1-2)	UD	
MUS 4221 Individual Instruct-Saxophone (1-2)	UD	
MUS 4223 Individual Instr-Jazz Guitar (1-2)	UD	
MUS 4224 Individual Instr-Jazz Piano (1-2)	UD	
MUS 4225 Individual Instr-Harpsichord (1-2)	UD	
SECTION CREDITS REQUIRED		9

MUSIC THERAPY CORE COURSES

Course	Attributes	Credits
MUS 2000 Clinical Improvisation	-	2
MUS 2200 Piano Proficiency	-	1
MUS 2560 Introduction to Music Therapy	-	3
MUS 2561 Music Therapy Skills Repertoire	-	3
MUS 2930 Music Therapy Practicum I	-	1
MUS 3931 Music Therapy Practicum II	UD	1
MUS 4931 Music Therapy Practicum III	UD	1
MUS 3502 Making Music w Diverse Learner	UD	3
MUS 4802 Music Therapy in Mental Health	W, UD	3
MUS 4803 Music and Medicine	W, UD	3
MUS 4898 Current Issues - Music Therapy	UD	1
MUS 4944 Music Therapy Internship	UD	2

SECTION CREDITS REQUIRED	24
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CLINICAL FOUNDATIONS

Course	Attributes	Credits
HHP 2128 Functional Anatomy	-	3
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 3360 Psychological Disorders	UD	5
HHP 3545 Programs for Special Populatns	UD	3
SECTION CREDITS REQUIRED		16

PSYCHOLOGY TRACK

Course	Attributes	Credits
PSY 2470 Lifespan Developmental Psych (5)	-	
PSY 3388 Compartv Neuroanatmy of Behavr (5)	UD	
PSY 3442 Personality&Indivl Differences (5)	UD	8
PSY 3460 Child Developmental Psychology (5)	UD	
COM 1101 Intro to Interpersonal Commun (5)	WKH	
SECTION CREDITS REQUIRED		8
MINIMUM TOTAL CREDITS REQUIRED		114

ADDITIONAL REQUIREMENTS AND INFORMATION

- Pass Piano Proficiency Exam
- Guitar Proficiency
- Voice Proficiency
- Recital: 30-Minute Junior Solo
- Additional CR may be earned in consultation w/ Major Advisor
- *Singer's Art I & II are prereqs for UD voice instruction

Degree Requirements

MUSIC: RESEARCH (BA)

83 Credits Minimum, Including 37 Upper Division (UD)

CORE REQUIREMENTS*

Course	Attributes	Credits
MUS 1051 Aural Skills Fundamentals	-	2
MUS 1110 Music Theory I	-	3
MUS 1111 Music Theory II	-	3
MUS 1113 Aural Skills I	-	2
MUS 1114 Aural Skills II	-	2
MUS 1500 Introduction to Improvisation	-	2
MUS 1800 Music History Timeline	-	5
MUS 2115 Lifelong Musicianship	-	4
MUS 2570 Basic Music Technology	-	2
MUS 3712 Choral Conducting (2) MUS 3713 Instrumental Conducting (2)	UD UD	2
MUS 4897 Project Capstone	W, UD	3
MUS 4910 Professional Develop. Seminar	UD	6
SECTION CREDITS REQUIRED		36

CORE: CREATIVE ENGAGEMENT (CE)

Course	Attributes	Credits
MUS 3102 Composition (3)	UD	9
MUS 3105 Counterpoint (3)	UD	
MUS 3110 Jazz Theory (3)	UD	
MUS 3111 20th Cntry Compostn Techniques (3)	UD	
MUS 3112 Form and Analysis (3)	UD	
MUS 3113 Voice Leading (3)	UD	
MUS 3114 Advanced Chromatic Harmony (3)	UD	
MUS 3200 Songwriting (3)	UD	
MUS 4101 Instrumntation & Orchestration (3)	UD	
MUS 4103 Arranging (3)	UD	

SECTION CREDITS REQUIRED	9
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CORE: CRITICAL LISTENING CULTURAL REFLECTIONS (CR)

Course	Attributes	Credits
MUS 4230 Music of Renaissance & Baroque (3)	W, UD	9
MUS 4231 Music of Classical & Romantic (3)	W, UD	
MUS 4232 Music of the 20th Century (3)	W, UD	
MUS 4233 Music of Black America (3)	W, UD, CUE	
MUS 4234 Music of the Spice Route (3)	W, UD, CUE	
MUS 4235 Music of the Pacific Rim (3)	W, UD, CUE	
MUS 4236 Jazz History for Music Majors (3)	W, UD, CUE	
MUS 4237 American Popular Music:Majors (3)	W, UD, CUE	
MUS 4238 Psychology of Music (3)	W, UD	
MUS 4239 Mus of Latin Amer. & Caribbean (3)	WKA, W, UD, CUE	
SECTION CREDITS REQUIRED		9

CORE: LARGE ENSEMBLE (LE)

Course	Attributes	Credits
MUS 2301 Gospel Choir (2)	WKA	6
MUS 2305 Treble Choir (2)	WKA	
MUS 2307 Percussion Ensemble (1-2)	WKA	
MUS 2312 Tenor/Bass Choir (2)	WKA	
MUS 2350 Concert Choir (2)	WKA	
MUS 2351 Wind Ensemble (2)	WKA	
MUS 2353 Symphony Orchestra (2)	WKA	
MUS 4301 Gospel Choir (2)	WKA, UD	
MUS 4305 Treble Choir (2)	WKA, UD	
MUS 4307 Percussion Ensemble (1-2)	WKA, UD	
MUS 4312 Tenor/Bass Choir (2)	WKA, UD	
MUS 4350 Concert Choir (2)	WKA, UD	
MUS 4351 Wind Ensemble (2)	WKA, UD	
MUS 4353 Symphony Orchestra (2)	WKA, UD	
SECTION CREDITS REQUIRED		6

CORE: SMALL ENSEMBLE OR MUSIC TECHNIQUE CLASSES

Course	Attributes	Credits
MUS 2304 Chamber Singers (1)	WKA	
MUS 2306 Brass Ensemble (1)	WKA	
MUS 2308 Flute Ensemble (1)	WKA	
MUS 2309 String Quartet (1)	WKA	
MUS 2310 Keyboard Ensemble (1)	WKA	
MUS 2311 Jazz Lab (2)	WKA	
MUS 2313 Vocal Jazz Ensemble (2)	-	
MUS 2340 Chamber Ensemble (1-2)	-	
MUS 2341 Gamelan Ensemble (1)	WKA	

MUS 2342 Worship Band (1,2)	WKA	
MUS 2360 Singing from the Stage (1-2)	WKA	
MUS 2501 Brass Techniques (2)	-	
MUS 2502 Percussion Techniques (2)	-	
MUS 2503 String Techniques (2)	-	6
MUS 2504 Woodwind Techniques (2)	-	
MUS 2505 Jazz Technique (2)	-	
MUS 4304 Chamber Singers (1)	WKA, UD	
MUS 4306 Brass Ensemble (1)	WKA, UD	
MUS 4308 Flute Ensemble (1)	WKA, UD	
MUS 4309 String Quartet (1)	WKA, UD	
MUS 4310 Keyboard Ensemble (1)	WKA, UD	
MUS 4311 Jazz Lab (2)	WKA, UD	
MUS 4313 Vocal Jazz Ensemble (2)	UD	
MUS 4340 Chamber Ensemble (1-2)	UD	
MUS 4341 Gamelan Ensemble (1)	WKA, UD	
MUS 4342 Worship Band (1,2)	WKA, UD	
MUS 4360 Singing from the Stage (1-2)	WKA, UD	
SECTION CREDITS REQUIRED		6

CORE: INDIVIDUAL INSTRUCTION

Course	Attributes	Credits
MUS 2201 Individual Instruction-Flute (1-2)	-	
MUS 2202 Individual Instruction-Oboe (1-2)	-	
MUS 2203 Individual Instructn-Clarinet (1-2)	-	
MUS 2204 Individual Instructn-Bassoon (1-2)	-	
MUS 2205 Individual Instuctn-Trumpet (1-2)	-	
MUS 2206 Individual Instruction-Horn (1-2)	-	
MUS 2207 Individual Instructn-Trombone (1-2)	-	
MUS 2208 Individual Instructn-Euphonium (1-2)	-	
MUS 2209 Individual Instruction-Tuba (1-2)	-	
MUS 2210 Individual Instr-Percussion (1-2)	-	
MUS 2211 Individual Instruction-Violin (1-2)	-	
MUS 2212 Individual Instruction-Viola (1-2)	-	
MUS 2213 Individual Instr-Violoncello (1-2)	-	
MUS 2214 Individual Instr-Double Bass (1-2)	-	
MUS 2215 Individual Instruction-Harp (1-2)	-	
MUS 2216 Individual Instruction-Organ (1-2)	-	
MUS 2217 Individual Instruction-Piano (1-2)	-	
MUS 2218 Individual Instr-Harpsichord (1-2)	-	
MUS 2219 Individual Instruction-Voice (1-2)	-	
MUS 2220 Indiv Instr-Classical Guitar (1-2)	-	
MUS 2221 Individual Instruct-Saxophone (1-2)	-	
MUS 2223 Individual Instr-Jazz Guitar (1-2)	-	
MUS 2224 Individual Instr-Jazz Piano (1-2)	-	
MUS 2225 Individual Instr-Harpsichord (1-2)	-	
MUS 4201 Individual Instruction-Flute (1-2)	UD	6
MUS 4202 Individual Instruction-Oboe (1-2)	UD	
MUS 4203 Individual Instructn-Clarinet (1-2)	UD	

MUS 4200 Individual Instruction-Clarinet (1-2)	UD	
MUS 4204 Individual Instruction-Bassoon (1-2)	UD	
MUS 4205 Individual Instruction-Trumpet (1-2)	UD	
MUS 4206 Individual Instruction-Horn (1-2)	UD	
MUS 4207 Individual Instructn-Trombone (1-2)	UD	
MUS 4208 Individual Instructn-Euphonium (1-2)	UD	
MUS 4209 Individual Instruction-Tuba (1-2)	UD	
MUS 4210 Individual Instr-Percussion (1-2)	UD	
MUS 4211 Individual Instruction-Violin (1-2)	UD	
MUS 4212 Individual Instruction-Viola (1-2)	UD	
MUS 4213 Individual Instr-Violoncello (1-2)	UD	
MUS 4214 Individual Instr-Double Bass (1-2)	UD	
MUS 4215 Individual Instruction-Harp (1-2)	UD	
MUS 4216 Individual Instruction-Organ (1-2)	UD	
MUS 4217 Individual Instruction-Piano (1-2)	UD	
MUS 4218 Individual Instr-Harpsichord (1-3)	UD	
MUS 4219 Individual Instruction-Voice (1-2)	UD	
MUS 4220 Indiv Instr-Classical Guitar (1-2)	UD	
MUS 4221 Individual Instruct-Saxophone (1-2)	UD	
MUS 4223 Individual Instr-Jazz Guitar (1-2)	UD	
MUS 4224 Individual Instr-Jazz Piano (1-2)	UD	
MUS 4225 Individual Instr-Harpsichord (1-2)	UD	
SECTION CREDITS REQUIRED		6

Senior Research Project: 9cr addl (CR) plus 2cr addl (LE)	11
MINIMUM TOTAL CREDITS REQUIRED	83

ADDITIONAL REQUIREMENTS AND INFORMATION

- *MUS 4897 must be taken three times to reach 3-CR
- Pass Piano Proficiency Exam
- Junior Project

Degree Requirements

BIOLOGY (BS)

104 Credits Minimum, Including 35 Upper Division (UD)

GENERAL CORE REQUIREMENTS

Course	Attributes	Credits
BIO 1859 Biology Cornerstone Seminar	-	1
BIO 2101 General Biology (5) BIO 2102 General Biology (5) BIO 2103 General Biology (5)	WKFS - WKAS	15
BIO 3325 Genetics	UD	5
BIO 3899 Scientific Literature	UD	1
BIO 4352 Cell Biology	W, UD	5
BIO 4330 Evolutionary Mechanisms	W, UD	5
BIO 4410 Human Physiology (5) BIO 4413 Animal Physiology (5) BIO 4415 Plant Physiology (5) BIO 4256 Environmental Physiology (5) BIO 4418 Neurobiology (5)	UD W, UD W, UD W, UD UD	5
BIO 4978 Biological Research Proposal	W, UD	1
BIO 4979 Biological Research	UD	2
BIO 4899 Natural Sciences Seminar	UD	2
BIO 3302 Coral Reef Ecology (5) BIO 3303 Evolutionary Ecology Galapagos (5) BIO 3305 Marine Restoration Ecology (5) BIO 3310 Ecology (5) BIO 4810 Marine Ecology (5) BIO 4815 Aquatic Ecology (5) BIO 4825 Forest Ecology (5) BIO 4835 Conservation Biology (5) BIO 4840 Chemical Ecology (5)	UD, CUE UD UD, CUE W, UD W, UD UD UD UD W, UD	5
BIO 3000 Intro Biological Anthropology (5) BIO 3320 Principles of Development (5) BIO 3432 Biodiversity:Vertebrate Biolgy (5) BIO 3453 Biodiversity:Plant Ident & Tax (5) BIO 4435 Biodiversity:Parasites & Pests (5)	UD, WE, CUE W, UD UD UD UD	5

BIO 4744 Marine Botany (5)	UD	
SECTION CREDITS REQUIRED		52

REQUIRED SUPPORTING COURSES

Course	Attributes	Credits
CHM 1211 General Chemistry I (5) CHM 1212 General Chemistry II (5)	WKFS -	10
CHM 3225 Quantitativ Analysis&Equilibrm	UD	5
- OR -		
CHM 1213 General Chemistry III (3) CHM 2213 Inorganic Qualitative Analysis (2)	- -	5
- OR -		
BIO 4360 Biostatistics	UD	5
CHM 3371 Organic Chemistry I (5) CHM 3372 Organic Chemistry II (5) CHM 3373 Organic Chemistry III (5)	UD UD UD	15
MAT 1221 Survey of Calculus (5) MAT 1234 Calculus I (5)	WKQR WKQR	5
MAT 2360 Intro to Stats for Sciences	WKQR	5
SECTION CREDITS REQUIRED		40

BOTANY REQUIREMENT (5 CR) - (MAY BE MET IN OTHER SECTIONS)

Course	Attributes	Credits
BIO 3453 Biodiversity:Plant Ident & Tax (5)	UD	
BIO 4415 Plant Physiology (5) BIO 4744 Marine Botany (5)	W, UD UD	0
SECTION CREDITS REQUIRED		0

FIELD BIO REQUIREMENT (3CR)-(MAY BE MET IN OTHER SECTIONS)

Course	Attributes	Credits
BIO 3302 Coral Reef Ecology (5) BIO 3303 Evolutionary Ecology Galapagos (5) BIO 3304 Oceanography of the Galapagos (5) BIO 3305 Marine Restoration Ecology (5)	UD, CUE UD UD UD, CUE	
BIO 4256 Environmental Physiology (5) BIO 4744 Marine Botany (5) BIO 4810 Marine Ecology (5) BIO 4815 Aquatic Ecology (5) BIO 4825 Forest Ecology (5) BIO 4825 Conservation Biology (5)	W, UD UD W, UD UD UD UD	0

BIO 4835 Conservation Biology (3)	UD	
BIO 4880 Blakely Field Studies (1)	UD	
SECTION CREDITS REQUIRED		0

RECOMMENDED COURSES

Course	Attributes	Credits
CHM 1213 General Chemistry III	-	3
CHM 2213 Inorganic Qualitative Analysis	-	2
MAT 1235 Calculus II	-	5
PHY 1101 General Physics (5)	WKFS	15
PHY 1102 General Physics (5)	-	
PHY 1103 General Physics (5)	-	
- OR -		
PHY 1121 Physics for Sci & Engineering (5)	WKFS	15
PHY 1122 Physics for Sci & Engineering (5)	-	
PHY 1123 Physics for Sci & Engineering (5)	-	
SECTION CREDITS REQUIRED		0

Upper-Division BIO Electives*	12
MINIMUM TOTAL CREDITS REQUIRED	104

ADDITIONAL REQUIREMENTS AND INFORMATION

- Must include 5 credits with substantial lab/field component
- Any UD BIO courses not already used in major may count
- Max 6 credits from BIO 4900-4999 may be applied to major.

Degree Requirements

MUSIC THERAPY: EMPHASIS IN PHYSICAL ED & EXERCISE SCI (BA)

114 Credits Minimum, Including 29 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
MUS 1051 Aural Skills Fundamentals	-	2
MUS 1110 Music Theory I	-	3
MUS 1111 Music Theory II	-	3
MUS 1113 Aural Skills I	-	2
MUS 1114 Aural Skills II	-	2
MUS 1500 Introduction to Improvisation	-	2
MUS 1800 Music History Timeline	-	5
MUS 2115 Lifelong Musicianship	-	4
MUS 2570 Basic Music Technology	-	2
MUS 3712 Choral Conducting (2)	UD	2
MUS 3713 Instrumental Conducting (2)	UD	
SECTION CREDITS REQUIRED		27

VOCATIONAL CREDITS

Course	Attributes	Credits
MUS 4238 Psychology of Music	W, UD	3
SECTION CREDITS REQUIRED		3

CORE: CREATIVE ENGAGEMENT (CE)

Course	Attributes	Credits
MUS 3102 Composition (3)	UD	9
MUS 3105 Counterpoint (3)	UD	
MUS 3110 Jazz Theory (3)	UD	
MUS 3111 20th Cntry Compostn Techniques (3)	UD	
MUS 3112 Form and Analysis (3)	UD	
MUS 3113 Voice Leading (3)	UD	
MUS 3114 Advanced Chromatic Harmony (3)	UD	

MUS 3200 Songwriting (3)	UD	
MUS 4101 Instrumentation & Orchestration (3)	UD	
MUS 4103 Arranging (3)	UD	
SECTION CREDITS REQUIRED		9

CORE: CRITICAL LISTENING CULTURAL REFLECTIONS (CR)

Course	Attributes	Credits
MUS 4230 Music of Renaissance & Baroque (3)	W, UD	
MUS 4231 Music of Classical & Romantic (3)	W, UD	
MUS 4232 Music of the 20th Century (3)	W, UD	
MUS 4233 Music of Black America (3)	W, UD, CUE	
MUS 4234 Music of the Spice Route (3)	W, UD, CUE	9
MUS 4235 Music of the Pacific Rim (3)	W, UD, CUE	
MUS 4236 Jazz History for Music Majors (3)	W, UD, CUE	
MUS 4237 American Popular Music:Majors (3)	W, UD, CUE	
MUS 4239 Mus of Latin Amer. & Caribbean (3)	WKA, W, UD, CUE	
SECTION CREDITS REQUIRED		9

CORE: LARGE ENSEMBLE (LE)

Course	Attributes	Credits
MUS 2301 Gospel Choir (2)	WKA	
MUS 2305 Treble Choir (2)	WKA	
MUS 2307 Percussion Ensemble (1-2)	WKA	
MUS 2312 Tenor/Bass Choir (2)	WKA	
MUS 2350 Concert Choir (2)	WKA	
MUS 2351 Wind Ensemble (2)	WKA	
MUS 2353 Symphony Orchestra (2)	WKA	
MUS 4301 Gospel Choir (2)	WKA, UD	6
MUS 4305 Treble Choir (2)	WKA, UD	
MUS 4307 Percussion Ensemble (1-2)	WKA, UD	
MUS 4312 Tenor/Bass Choir (2)	WKA, UD	
MUS 4350 Concert Choir (2)	WKA, UD	
MUS 4351 Wind Ensemble (2)	WKA, UD	
MUS 4353 Symphony Orchestra (2)	WKA, UD	
SECTION CREDITS REQUIRED		6

SMALL ENSEMBLE OR MUSIC TECHNIQUE CLASSES

Course	Attributes	Credits
MUS 2304 Chamber Singers (1)	WKA	
MUS 2306 Brass Ensemble (1)	WKA	
MUS 2308 Flute Ensemble (1)	WKA	
MUS 2309 String Quartet (1)	WKA	
MUS 2310 Keyboard Ensemble (1)	WKA	
MUS 2311 Jazz Lab (2)	WKA	
MUS 2313 Vocal Jazz Ensemble (2)	-	

MUS 2340 Chamber Ensemble (1-2)	-	
MUS 2341 Gamelan Ensemble (1)	WKA	
MUS 2342 Worship Band (1,2)	WKA	
MUS 2360 Singing from the Stage (1-2)	WKA	
MUS 2501 Brass Techniques (2)	-	
MUS 2502 Percussion Techniques (2)	-	
MUS 2503 String Techniques (2)	-	3
MUS 2504 Woodwind Techniques (2)	-	
MUS 2505 Jazz Technique (2)	-	
MUS 4304 Chamber Singers (1)	WKA, UD	
MUS 4306 Brass Ensemble (1)	WKA, UD	
MUS 4308 Flute Ensemble (1)	WKA, UD	
MUS 4309 String Quartet (1)	WKA, UD	
MUS 4310 Keyboard Ensemble (1)	WKA, UD	
MUS 4311 Jazz Lab (2)	WKA, UD	
MUS 4313 Vocal Jazz Ensemble (2)	UD	
MUS 4340 Chamber Ensemble (1-2)	UD	
MUS 4341 Gamelan Ensemble (1)	WKA, UD	
MUS 4342 Worship Band (1,2)	WKA, UD	
MUS 4360 Singing from the Stage (1-2)	WKA, UD	
SECTION CREDITS REQUIRED		3

INDIVIDUAL INSTRUCTION (INCLUDING 3CR UD MINIMUM)

Course	Attributes	Credits
MUS 2201 Individual Instruction-Flute (1-2)	-	
MUS 2202 Individual Instruction-Oboe (1-2)	-	
MUS 2203 Individual Instructn-Clarinet (1-2)	-	
MUS 2204 Individual Instructn-Bassoon (1-2)	-	
MUS 2205 Individual Instuctn-Trumpet (1-2)	-	
MUS 2206 Individual Instruction-Horn (1-2)	-	
MUS 2207 Individual Instructn-Trombone (1-2)	-	
MUS 2208 Individual Instructn-Euphonium (1-2)	-	
MUS 2209 Individual Instruction-Tuba (1-2)	-	
MUS 2210 Individual Instr-Percussion (1-2)	-	
MUS 2211 Individual Instruction-Violin (1-2)	-	
MUS 2212 Individual Instruction-Viola (1-2)	-	
MUS 2213 Individual Instr-Violoncello (1-2)	-	
MUS 2214 Individual Instr-Double Bass (1-2)	-	
MUS 2215 Individual Instruction-Harp (1-2)	-	
MUS 2216 Individual Instruction-Organ (1-2)	-	
MUS 2217 Individual Instruction-Piano (1-2)	-	
MUS 2218 Individual Instr-Harpsichord (1-2)	-	
MUS 2219 Individual Instruction-Voice (1-2)	-	
MUS 2220 Indiv Instr-Classical Guitar (1-2)	-	
MUS 2221 Individual Instruct-Saxophone (1-2)	-	
MUS 2223 Individual Instr-Jazz Guitar (1-2)	-	
MUS 2224 Individual Instr-Jazz Piano (1-2)	-	
MUS 2225 Individual Instr-Harpsichord (1-2)	-	9

MUS 4201 Individual Instruction-Flute (1-2)	UD	
MUS 4202 Individual Instruction-Oboe (1-2)	UD	
MUS 4203 Individual Instructn-Clarinet (1-2)	UD	
MUS 4204 Individual Instruction-Bassoon (1-2)	UD	
MUS 4205 Individual Instruction-Trumpet (1-2)	UD	
MUS 4206 Individual Instruction-Horn (1-2)	UD	
MUS 4207 Individual Instructn-Trombone (1-2)	UD	
MUS 4208 Individual Instructn-Euphonium (1-2)	UD	
MUS 4209 Individual Instruction-Tuba (1-2)	UD	
MUS 4210 Individual Instr-Percussion (1-2)	UD	
MUS 4211 Individual Instruction-Violin (1-2)	UD	
MUS 4212 Individual Instruction-Viola (1-2)	UD	
MUS 4213 Individual Instr-Violoncello (1-2)	UD	
MUS 4214 Individual Instr-Double Bass (1-2)	UD	
MUS 4215 Individual Instruction-Harp (1-2)	UD	
MUS 4216 Individual Instruction-Organ (1-2)	UD	
MUS 4217 Individual Instruction-Piano (1-2)	UD	
MUS 4218 Individual Instr-Harpsichord (1-3)	UD	
MUS 4219 Individual Instruction-Voice (1-2)	UD	
MUS 4220 Indiv Instr-Classical Guitar (1-2)	UD	
MUS 4221 Individual Instruct-Saxophone (1-2)	UD	
MUS 4223 Individual Instr-Jazz Guitar (1-2)	UD	
MUS 4224 Individual Instr-Jazz Piano (1-2)	UD	
MUS 4225 Individual Instr-Harpsichord (1-2)	UD	
SECTION CREDITS REQUIRED		9

MUSIC THERAPY CORE COURSES

Course	Attributes	Credits
MUS 2000 Clinical Improvisation	-	2
MUS 2200 Piano Proficiency	-	1
MUS 2560 Introduction to Music Therapy	-	3
MUS 2561 Music Therapy Skills Repertoire	-	3
MUS 2930 Music Therapy Practicum I	-	1
MUS 3931 Music Therapy Practicum II	UD	1
MUS 4931 Music Therapy Practicum III	UD	1
MUS 3502 Making Music w Diverse Learner	UD	3
MUS 4802 Music Therapy in Mental Health	W, UD	3
MUS 4803 Music and Medicine	W, UD	3
MUS 4898 Current Issues - Music Therapy	UD	1
MUS 4944 Music Therapy Internship	UD	2

SECTION CREDITS REQUIRED	24
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CLINICAL FOUNDATIONS

Course	Attributes	Credits
HHP 2128 Functional Anatomy	-	3
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 3360 Psychological Disorders	UD	5
HHP 3545 Programs for Special Populatns	UD	3
SECTION CREDITS REQUIRED		16

HEALTH AND HUMAN PERFORMANCE/EXERCISE SCIENCE TRACK

Course	Attributes	Credits
HHP 1301 Wellness and Physical Activity (3)	-	8
HHP 2619 Tch Leisure,Altrntv Games&Sprt (3)	-	
HHP 3545 Programs for Special Populatns (3)	UD	
HHP 3575 Motor Learning & Development (5)	UD	
SECTION CREDITS REQUIRED		8
MINIMUM TOTAL CREDITS REQUIRED		114

ADDITIONAL REQUIREMENTS AND INFORMATION

- Pass Piano Proficiency Exam
- Guitar Proficiency
- Voice Proficiency
- Recital: 30-Minute Junior Solo
- Additional CR may be earned in consultation w/ Major Advisor
- *Singer's Art I & II are prereqs for UD voice instruction

Degree Requirements

ART HISTORY AND VISUAL STUDIES (BA)

59 Credits Minimum, Including 24 Upper Division (UD)

SELECT TWO OF THE FOLLOWING:

Course	Attributes	Credits
ART 1102 Drawng Studio:Observtn&Realism (5)	WKA	10
ART 1105 Art Foundations 1: Surface (5)	-	
ART 1106 Art Foundations 2: Space (5)	-	
ART 1107 Art Foundations 3: Time (5)	-	
ART 1205 Design Studio Color (5)	-	
ART 2102 Drawng Studio:Design&Perspectv (5)	-	
ART 2205 Digital Photograpy (5)	-	
ART 2302 Painting Studio:Still Life-Oil (5)	WKA	
ART 2421 Printmaking Studio (5)	WKA	
ART 2422 Metals Studio (5)	WKA	
ART 2502 Illustration (5)	-	
ART 2722 Sculpture Studio (5)	WKA	
SECTION CREDITS REQUIRED		10

HISTORY EMPHASIS COURSES-1 STUDY ABROAD COURSE MAY BE SUBBED

Course	Attributes	Credits
ART 2602 West Trad I:Ancient&Medvl Art	WKA	5
ART 2603 West Trad II:Art since Renssnc	WKA	5
ART 3605 Modern Art: Image and Power	W, UD, WE	5
ART 3606 Cross-Cultural Encounters	W, UD, WE, CUE	5
ART 3608 Issues:Contemptry Art&Vis Cultr	W, UD, WE, CUE	5
ART 3611 Readng Images:Intro Visl Study	W, UD	3
ART 4898 Senior Capstone:Studio Arts	W, UD	3
SECTION CREDITS REQUIRED		31

10-CR Advisor-approved Cultural Immersion Courses	10
8 CR (3 UD) in Student's Self-designed Concentration Area	8
MINIMUM TOTAL CREDITS REQUIRED	59

Degree Requirements

BIOLOGY (BA)

81 Credits Minimum, Including 30 Upper Division (UD)

GENERAL CORE REQUIREMENTS

Course	Attributes	Credits
BIO 1859 Biology Cornerstone Seminar	-	1
BIO 2101 General Biology (5) BIO 2102 General Biology (5) BIO 2103 General Biology (5)	WKFS - WKAS	15
BIO 3325 Genetics	UD	5
BIO 4330 Evolutionary Mechanisms	W, UD	5
BIO 4256 Environmental Physiology (5) BIO 4413 Animal Physiology (5) BIO 4415 Plant Physiology (5) BIO 4418 Neurobiology (5)	W, UD W, UD W, UD UD	5
BIO 3000 Intro Biological Anthropology (5) BIO 3320 Principles of Development (5) BIO 3432 Biodiversity:Vertebrate Biology (5) BIO 3453 Biodiversity:Plant Ident & Tax (5) BIO 4435 Biodiversity:Parasites & Pests (5) BIO 4744 Marine Botany (5)	UD, WE, CUE W, UD UD UD UD UD	5
BIO 3310 Ecology (5) BIO 4810 Marine Ecology (5) BIO 4815 Aquatic Ecology (5) BIO 4825 Forest Ecology (5) BIO 4835 Conservation Biology (5) BIO 4840 Chemical Ecology (5)	W, UD W, UD UD UD UD W, UD	5
BIO 3615 Issues and Values in Biology	W, UD, WE	3
BIO 4899 Natural Sciences Seminar	UD	2
SECTION CREDITS REQUIRED		46

REQUIRED SUPPORTING COURSES

Course	Attributes	Credits
CHM 1211 General Chemistry I (5) CHM 1212 General Chemistry II (5)	WKFS -	10

CHM 1330 Survey of Organic Chemistry	-	5
- OR -		
CHM 3371 Organic Chemistry I (5)	UD	10
CHM 3372 Organic Chemistry II (5)	UD	
MAT 2360 Intro to Stats for Sciences	WKQR	5
SECTION CREDITS REQUIRED		20

BOTANY REQUIREMENT (5 CR) - (MAY BE MET IN OTHER SECTIONS)

Course	Attributes	Credits
BIO 3453 Biodiversity:Plant Ident & Tax (5)	UD	0
BIO 4415 Plant Physiology (5)	W, UD	
BIO 4744 Marine Botany (5)	UD	
SECTION CREDITS REQUIRED		0

Electives in Biology Courses	15
MINIMUM TOTAL CREDITS REQUIRED	81

ADDITIONAL REQUIREMENTS AND INFORMATION

- Max 6 credits from BIO 4900-4999 may be applied to major.

Degree Requirements

MUSIC EDUCATION (BA)

119 Credits Minimum, Including 37 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
MUS 1051 Aural Skills Fundamentals	-	2
MUS 1110 Music Theory I	-	3
MUS 1111 Music Theory II	-	3
MUS 1113 Aural Skills I	-	2
MUS 1114 Aural Skills II	-	2
MUS 1500 Introduction to Improvisation	-	2
MUS 1800 Music History Timeline	-	5
MUS 2115 Lifelong Musicianship	-	4
MUS 2570 Basic Music Technology	-	2
MUS 3712 Choral Conducting (2)	UD	2
MUS 3713 Instrumental Conducting (2)	UD	
SECTION CREDITS REQUIRED		27

CORE: CREATIVE ENGAGEMENT (CE)

Course	Attributes	Credits
MUS 3102 Composition (3)	UD	6
MUS 3105 Counterpoint (3)	UD	
MUS 3110 Jazz Theory (3)	UD	
MUS 3111 20th Cntry Compostn Techniques (3)	UD	
MUS 3112 Form and Analysis (3)	UD	
MUS 3113 Voice Leading (3)	UD	
MUS 3114 Advanced Chromatic Harmony (3)	UD	
SECTION CREDITS REQUIRED		6

CORE: CREATIVE ENGAGEMENT (CE) MUSIC ED REQS

Course	Attributes	Credits
MUS 3200 Songwriting (3)	UD	-

MUS 4101 Instrumentation & Orchestration (3)	UD	3
MUS 4103 Arranging (3)	UD	
SECTION CREDITS REQUIRED		3

CORE: CRITICAL LISTENING CULTURAL REFLECTIONS (CR)

Course	Attributes	Credits
MUS 4230 Music of Renaissance & Baroque (3)	W, UD	6
MUS 4231 Music of Classical & Romantic (3)	W, UD	
MUS 4232 Music of the 20th Century (3)	W, UD	
MUS 4233 Music of Black America (3)	W, UD, CUE	
MUS 4236 Jazz History for Music Majors (3)	W, UD, CUE	
MUS 4237 American Popular Music:Majors (3)	W, UD, CUE	
MUS 4238 Psychology of Music (3)	W, UD	
MUS 4239 Mus of Latin Amer. & Caribbean (3)	WKA, W, UD, CUE	
SECTION CREDITS REQUIRED		6

CORE: CULTURAL REFLECTIONS (CR) MUSIC EDUCATION REQS

Course	Attributes	Credits
MUS 4234 Music of the Spice Route (3)	W, UD, CUE	3
MUS 4235 Music of the Pacific Rim (3)	W, UD, CUE	
SECTION CREDITS REQUIRED		3

CORE: MUSIC TECHNIQUE

Course	Attributes	Credits
MUS 2501 Brass Techniques	-	2
MUS 2502 Percussion Techniques	-	2
MUS 2503 String Techniques	-	2
MUS 2504 Woodwind Techniques	-	2
MUS 2505 Jazz Technique	-	2
SECTION CREDITS REQUIRED		10

CORE: LARGE ENSEMBLE (LE)

Course	Attributes	Credits
MUS 2301 Gospel Choir (2)	WKA	6
MUS 2305 Treble Choir (2)	WKA	
MUS 2307 Percussion Ensemble (1-2)	WKA	
MUS 2312 Tenor/Bass Choir (2)	WKA	
MUS 2350 Concert Choir (2)	WKA	
MUS 2351 Wind Ensemble (2)	WKA	
MUS 2353 Symphony Orchestra (2)	WKA	

MUS 4301 Gospel Choir (2)	WKA, UD	0
MUS 4305 Treble Choir (2)	WKA, UD	
MUS 4307 Percussion Ensemble (1-2)	WKA, UD	
MUS 4312 Tenor/Bass Choir (2)	WKA, UD	
MUS 4350 Concert Choir (2)	WKA, UD	
MUS 4351 Wind Ensemble (2)	WKA, UD	
MUS 4353 Symphony Orchestra (2)	WKA, UD	
SECTION CREDITS REQUIRED		6

SMALL ENSEMBLE

Course	Attributes	Credits
MUS 2304 Chamber Singers (1)	WKA	2
MUS 2306 Brass Ensemble (1)	WKA	
MUS 2308 Flute Ensemble (1)	WKA	
MUS 2309 String Quartet (1)	WKA	
MUS 2310 Keyboard Ensemble (1)	WKA	
MUS 2311 Jazz Lab (2)	WKA	
MUS 2313 Vocal Jazz Ensemble (2)	-	
MUS 2340 Chamber Ensemble (1-2)	-	
MUS 2341 Gamelan Ensemble (1)	WKA	
MUS 2342 Worship Band (1,2)	WKA	
MUS 2360 Singing from the Stage (1-2)	WKA	
MUS 4304 Chamber Singers (1)	WKA, UD	
MUS 4306 Brass Ensemble (1)	WKA, UD	
MUS 4308 Flute Ensemble (1)	WKA, UD	
MUS 4309 String Quartet (1)	WKA, UD	
MUS 4310 Keyboard Ensemble (1)	WKA, UD	
MUS 4311 Jazz Lab (2)	WKA, UD	
MUS 4313 Vocal Jazz Ensemble (2)	UD	
MUS 4340 Chamber Ensemble (1-2)	UD	
MUS 4341 Gamelan Ensemble (1)	WKA, UD	
MUS 4342 Worship Band (1,2)	WKA, UD	
MUS 4360 Singing from the Stage (1-2)	WKA, UD	
SECTION CREDITS REQUIRED		2

CORE: INDIVIDUAL INSTRUCTION

Course	Attributes	Credits
MUS 2201 Individual Instruction-Flute (1-2)	-	
MUS 2202 Individual Instruction-Oboe (1-2)	-	
MUS 2203 Individual Instructn-Clarinet (1-2)	-	
MUS 2204 Individual Instructn-Bassoon (1-2)	-	
MUS 2205 Individual Instuctn-Trumpet (1-2)	-	
MUS 2206 Individual Instruction-Horn (1-2)	-	
MUS 2207 Individual Instructn-Trombone (1-2)	-	
MUS 2208 Individual Instructn-Euphonium (1-2)	-	
MUS 2209 Individual Instruction-Tuba (1-2)	-	

MUS 2210 Individual Instr-Percussion (1-2)	-	
MUS 2211 Individual Instruction-Violin (1-2)	-	
MUS 2212 Individual Instruction-Viola (1-2)	-	
MUS 2213 Individual Instr-Violoncello (1-2)	-	
MUS 2214 Individual Instr-Double Bass (1-2)	-	
MUS 2215 Individual Instruction-Harp (1-2)	-	
MUS 2216 Individual Instruction-Organ (1-2)	-	
MUS 2217 Individual Instruction-Piano (1-2)	-	
MUS 2218 Individual Instr-Harpsichord (1-2)	-	
MUS 2219 Individual Instruction-Voice (1-2)	-	
MUS 2220 Indiv Instr-Classical Guitar (1-2)	-	
MUS 2221 Individual Instruct-Saxophone (1-2)	-	
MUS 2223 Individual Instr-Jazz Guitar (1-2)	-	
MUS 2224 Individual Instr-Jazz Piano (1-2)	-	
MUS 2225 Individual Instr-Harpsichord (1-2)	-	
MUS 4201 Individual Instruction-Flute (1-2)	UD	6
MUS 4202 Individual Instruction-Oboe (1-2)	UD	
MUS 4203 Individual Instructn-Clarinet (1-2)	UD	
MUS 4204 Individual Instruction-Bassoon (1-2)	UD	
MUS 4205 Individual Instruction-Trumpet (1-2)	UD	
MUS 4206 Individual Instruction-Horn (1-2)	UD	
MUS 4207 Individual Instructn-Trombone (1-2)	UD	
MUS 4208 Individual Instructn-Euphonium (1-2)	UD	
MUS 4209 Individual Instruction-Tuba (1-2)	UD	
MUS 4210 Individual Instr-Percussion (1-2)	UD	
MUS 4211 Individual Instruction-Violin (1-2)	UD	
MUS 4212 Individual Instruction-Viola (1-2)	UD	
MUS 4213 Individual Instr-Violoncello (1-2)	UD	
MUS 4214 Individual Instr-Double Bass (1-2)	UD	
MUS 4215 Individual Instruction-Harp (1-2)	UD	
MUS 4216 Individual Instruction-Organ (1-2)	UD	
MUS 4217 Individual Instruction-Piano (1-2)	UD	
MUS 4218 Individual Instr-Harpsichord (1-3)	UD	
MUS 4219 Individual Instruction-Voice (1-2)	UD	
MUS 4220 Indiv Instr-Classical Guitar (1-2)	UD	
MUS 4221 Individual Instruct-Saxophone (1-2)	UD	
MUS 4223 Individual Instr-Jazz Guitar (1-2)	UD	
MUS 4224 Individual Instr-Jazz Piano (1-2)	UD	
MUS 4225 Individual Instr-Harpsichord (1-2)	UD	
SECTION CREDITS REQUIRED		6

TEACHING CERTIFICATE REQUIREMENTS (2219/4219 OK SUB TO 1260)

Course	Attributes	Credits
MUS 1260 Beginning Voice Class	WKA	2
MUS 2550 Foundations of Music Education	-	3
MUS 3502 Making Music w Diverse Learner	UD	3
MUS 3503 Teach Gen Mus in Elem School	UD	3

MUS 3504 <u>Choral Mus Methods & Matrials</u>	UD	3
MUS 3505 <u>Instrmntl Mus Meths & Matrials</u>	UD	3
SECTION CREDITS REQUIRED		17

SCHOOL OF EDUCATION REQUIREMENTS

Course	Attributes	Credits
EDU 3107 <u>Laboratory Experience: K-12</u>	UD	2
EDU 3205 <u>Elementary General Methods I (3)</u> EDU 3255 <u>Secondary General Methods I (3)</u>	W, UD W, UD	3
EDU 4530 <u>Topics in Secondary Education</u>	UD	2
EDU 4899 <u>Teacher as Person-Capstone</u>	W, UD	2
EDU 4943 <u>Elementary Internship:Music</u>	UD	12
EDU 4945 <u>Secondary Internship A</u>	UD	12
SECTION CREDITS REQUIRED		33
MINIMUM TOTAL CREDITS REQUIRED		119

ADDITIONAL REQUIREMENTS AND INFORMATION

- Pass Piano Proficiency Exam
- Pass Guitar Proficiency (Req for Teaching Certificate)
- Recital: 30-Minute Junior Solo
- *Singer's Art I & II are prereqs for UD voice instruction

Degree Requirements

BIOLOGY MINOR

34 Credits Minimum, Including 15 Upper Division (UD)

BIOLOGY MINOR CORE

Course	Attributes	Credits
BIO 2101 General Biology	WKFS	5
BIO 2102 General Biology	-	5
BIO 2103 General Biology	WKAS	5
SECTION CREDITS REQUIRED		15

UD BIO course that includes laboratory or field experience	5
10 upper-division BIO credits	10
4 upper- or lower-division BIO credits	4
MINIMUM TOTAL CREDITS REQUIRED	34

Ways of Engaging (5 credits)

“Ways of Engaging” courses apply knowledge from “Ways of Knowing” fields to significant social issues, so that through these classes you might engage our world thoughtfully, as befits people seeking wisdom.

Note: You may not use the same coursework to meet both the “Ways of Engaging” requirement and a requirement in your first major. You may, however, use “Ways of Engaging” coursework to meet requirements in a second major or in a minor.

Choose from the following courses:

- ANT 3000 [Introduction to Biological Anthropology](#) (5)
- ART 3605 [Modern Art: Image and Power](#) (5)
- ART 3606 [Cross-Cultural Encounters](#) (5)
- ART 3608 [Issues in Contemporary Art and Visual Culture](#) (5)
- ART 3612 [Reading Urban Spaces: The Eternal City](#) (5)
- ART 3613 [Reading Sacred Spaces: The Churches of Rome](#) (5)
- ASIA 2418 [Modern Expressions of Asian Religions](#) (5)
- ASIA 3765 [Family, State and Patriarchy in East Asia](#) (5)
- ASIA 3785 [Trade, War, and The Making of East Asian Modernities](#) (5)
- ASIA 3786 [Nation, City and Identity in China: From Opium Wars to Megacities](#) (5)
- BIO 3000 [Introduction to Biological Anthropology](#) (5)
- BIO 3615 [Issues and Values in Biology](#) (3)
- BUS 2000 [Purpose and Practice of Business](#) (5)
- BUS 2500 [Integrated Topics in Business, Economics and Political Science](#) (5)
- COM 3781 [A World on Film](#) (5)
- CSC 3011 [Living in a Digital World](#) (3)
- ECN 2500 [Integrated Topics in Business, Economics and Political Science](#) (5)
- ECN 3811 [Microeconomics of Development: Community Development](#) (5)
- ECN 3812 [Macroeconomics of Development: International Economic Growth](#) (5)
- EDU 2100 [Foundational Issues in Education](#) (5)
- ENG 3003 [Literature and Medicine](#) (5)
- ENG 3205 [Issues and Practices in Workplace Writing](#) (3)
- ENG 3382 [South Africa-Stages of Protest and Democracy](#) (5)
- ENG 3383 [Arab Spring: Gender, Islam, Democracy](#) (5)
- ENG 3386 [The Eternal City in Art and Literature](#) (5)
- FCS 2385 [Food and the Consumer](#) (5)
- FCS 3100 [Sustainable Food Production](#) (5)
- FCS 3250 [Philippines Study Abroad: Serving Children, Families and Communities](#) (5)

- FCS 3251 [Mediterranean Diet and Lifestyle](#) (3)
- FCS 3716 [Affordable Housing](#) (5)
- FCS 3823 [Exploring Global Dress and Behavior](#) (5)
- FLM 3781 [A World on Film](#) (5)
- FRE 3105 [Ecriture Engagee](#) (5)
- FRE 3205 [Topics in Francophone Literature](#) (5)
- GS 3931 [Cross Cultural Experiences in Guatemala](#) (5)
- HIS 2418 [Modern Expressions of Asian Religions](#) (5)
- HIS 3357 [Europe Since 1945](#) (5)
- HIS 3366 [The Holocaust in Prague: Jewish Experiences](#) (5)
- HIS 3382 [Crusades, Jihad, and Holy Wars: 1095-1492](#) (5)
- HIS 3405 [The Scientific Revolution and Christianity in the Reformation Era in Europe, 1500-1700](#) (5)
- HIS 3440 [War, Peace & World Order](#) (5)
- HIS 3446 [Life in the Cold War](#) (5)
- HIS 3496 [Darwin, Einstein, and the Reinterpretation of Nature, 1830-1930](#) (5)
- HIS 3501 [Colonial and Revolutionary America: Foundations of American Civilization](#) (5)
- HIS 3600 [History of the Pacific Northwest](#) (5)
- HIS 3670 [History of American Foreign Relations](#) (5)
- HIS 3720 [Rise of Islamic Civilization](#) (5)
- HIS 3730 [History of the Modern Middle East](#) (5)
- HIS 3765 [Family, State and Patriarchy in East Asia](#) (5)
- HIS 3785 [Trade, War, and The Making of East Asian Modernities](#) (5)
- HIS 3786 [Nation, City and Identity in China: From Opium Wars to Megacities](#) (5)
- HIS 3790 [History of Africa](#) (5)
- HON 3000 [Honors Core: Faith and Science](#) (5)
- HSC 3000 [Issues in Women's Health](#) (3)
- HSC 3035 [Human Sexuality](#) (3)
- HSC 4710 [Culture, Diversity, and Health](#) (3)
- HSC 4710F [Culture, Diversity, and Health](#) (2)
- INF 3500 [Information and Society](#) (5)
- LCL 3500 [Cultural Study Abroad](#) (3-8)
- MUS 2402 [History and Appreciation of Jazz](#) (5)
- MUS 2606 [Music of Asia](#) (5)
- MUS 3401 [Music and Worship](#) (2)
- MUS 3402 [The Song of the Church](#) (3)
- MUS 4402 [History and Appreciation of Jazz](#) (5)
- PHI 2222 [Social Ethics](#) (5)
- PHI 2999 [Ethics and the Arts](#) (3)

• PHI 2000 Ethics and the Arts (5)

- PHY 3011 Global Climate Change: Scientific, Social and Moral Implications (5)
- PHY 3137 Greece/Geneva Study Abroad: Contemporary Physics & Eastern Christianity (5)
- POL 2500 Integrated Topics in Business, Economics and Political Science (5)
- POL 2642 Christianity and World Politics (5)
- POL 3300 The Political Economy of Reform, Study Abroad to Havana, Cuba (5)
- POL 3330 Global Women's Issues (5)
- POL 3430 The Presidency and Congress: Politics of National Leadership (5)
- POL 3440 War, Peace and World Order (5)
- POL 3550 Social Darwinism and Politics (5)
- POL 3670 History of American Foreign Relations (5)
- POL 3677 Urban Politics (5)
- POL 3780 Law and Society (5)
- POL 4336 Cybersecurity (5)
- SBS 4918 Latin American Studies Program: Seminar in Latin American Culture I: History, Contemporary Issues and (4.5)
- SJC 3382 South Africa: Stages of Protest and Democracy (5)
- SJC 3383 Arab Spring: Gender, Islam, Democracy (5)
- SOC 2351 Living on the Margins: Cities in the Global South (5)
- SOC 3205 Sociology in Medicine: Inequality and Health (5)
- SOC 3372 Explaining Evil: Why People Do Bad Things (5)
- THEO 2721 Foundations of the Spiritual Life (3)
- THEO 2730 Biblical and Theological Introduction to Christian Reconciliation (5)
- THEO 3260 Biblical Topics (5)
- THEO 3305 The Scientific Revolution and Christianity in Reformation Europe, 1500-1700 (5)
- THEO 3401 Exploring Christian Theology (5)
- THEO 3403 History and Theology of Christian Worship (3)
- THEO 3540 Creation Care (5)
- THEO 3735 Youth Ministry as Mission and Evangelism (3)
- THEO 4720 Leadership in Ministry (5)
- THEO 4736 SoulJourn (3)

Degree Requirements

PHYSIOLOGY (BS)

105 Credits Minimum, Including 35 Upper Division (UD)

GENERAL CORE REQUIREMENTS

Course	Attributes	Credits
BIO 1859 Biology Cornerstone Seminar	-	1
BIO 2101 General Biology (5) BIO 2102 General Biology (5) BIO 2103 General Biology (5)	WKFS - WKAS	15
BIO 3325 Genetics	UD	5
BIO 3899 Scientific Literature	UD	1
BIO 4352 Cell Biology	W, UD	5
BIO 4899 Natural Sciences Seminar	UD	2
SECTION CREDITS REQUIRED		29

PHYSIOLOGY CORE

Course	Attributes	Credits
BIO 4256 Environmental Physiology (5) BIO 4410 Human Physiology (5) BIO 4413 Animal Physiology (5) BIO 4415 Plant Physiology (5) BIO 4418 Neurobiology (5)	W, UD UD W, UD W, UD UD	15
SECTION CREDITS REQUIRED		15

MOL/CEL/MICRO CORE. SELECT 13-15 CREDITS FROM THE FOLLOWING*

Course	Attributes	Credits
BIO 3320 Principles of Development (5) BIO 3350 Immunology (3) BIO 3351 General Microbiology (5) BIO 4325 Molecular Biology (5) BIO 4420 Histology & Microscopic Tech (5) BIO 4435 Biodiversity:Parasites & Pests (5) CHM 4361 Biochemistry (5) CHM 4362 Biochemistry (5)	W, UD UD UD W, UD UD UD W, UD UD	13
SECTION CREDITS REQUIRED		13

SECTION CREDITS REQUIRED

13

ECOLOGY AND EVOLUTION CORE

Course	Attributes	Credits
BIO 3000 Intro Biological Anthropology (5)	UD, WE, CUE	
BIO 3302 Coral Reef Ecology (5)	UD, CUE	
BIO 3303 Evolutionary Ecology Galapagos (5)	UD	
BIO 3304 Oceanography of the Galapagos (5)	UD	
BIO 3305 Marine Restoration Ecology (5)	UD, CUE	
BIO 3310 Ecology (5)	W, UD	
BIO 3432 Biodiversity:Vertebrate Biology (5)	UD	
BIO 3434 Animal Behavior (5)	W, UD	
BIO 3453 Biodiversity:Plant Ident & Tax (5)	UD	5
BIO 4330 Evolutionary Mechanisms (5)	W, UD	
BIO 4744 Marine Botany (5)	UD	
BIO 4810 Marine Ecology (5)	W, UD	
BIO 4815 Aquatic Ecology (5)	UD	
BIO 4825 Forest Ecology (5)	UD	
BIO 4835 Conservation Biology (5)	UD	
BIO 4840 Chemical Ecology (5)	W, UD	
BIO 4880 Blakely Field Studies (1)	UD	
SECTION CREDITS REQUIRED		5

ETHICS, HEALTH SCIENCES OR RESEARCH

Course	Attributes	Credits
BIO 3615 Issues and Values in Biology	W, UD, WE	3
- OR -		
BIO 4978 Biological Research Proposal (1)	W, UD	3
BIO 4979 Biological Research (2)	UD	
- OR -		
HSC 4700 Issues in Global Health	UD	3
- OR -		
PHI 1002 Ethics and the Good Life	WKH	5
- OR -		
PHI 2222 Social Ethics	WE	5
SECTION CREDITS REQUIRED		3

REQUIRED SUPPORTING COURSES

Course	Attributes	Credits
CHM 1211 General Chemistry I (5)	WKFS	10
CHM 1212 General Chemistry II (5)	-	

CHM 1213 General Chemistry III (3)	-	5
CHM 2213 Inorganic Qualitative Analysis (2)	-	
CHM 3371 Organic Chemistry I (5)	UD	15
CHM 3372 Organic Chemistry II (5)	UD	
CHM 3373 Organic Chemistry III (5)	UD	
MAT 2360 Intro to Stats for Sciences	WKQR	5
SECTION CREDITS REQUIRED		35

REQUIRED MATH

Course	Attributes	Credits
MAT 1221 Survey of Calculus (5)	WKQR	5
BIO 4360 Biostatistics (5)	UD	
MAT 1234 Calculus I (5)	WKQR	
SECTION CREDITS REQUIRED		5

RECOMMENDED COURSES

Course	Attributes	Credits
PHY 1101 General Physics (5)	WKFS	15
PHY 1102 General Physics (5)	-	
PHY 1103 General Physics (5)	-	
- OR -		
PHY 1121 Physics for Sci & Engineering (5)	WKFS	15
PHY 1122 Physics for Sci & Engineering (5)	-	
PHY 1123 Physics for Sci & Engineering (5)	-	
MAT 1235 Calculus II	-	5
SECTION CREDITS REQUIRED		0
MINIMUM TOTAL CREDITS REQUIRED		105

ADDITIONAL REQUIREMENTS AND INFORMATION

- *BIO 4418 may count in Mol/Cel/Micro if not used in Phy Core
- Max 6 credits from BIO 4900-4999 may be applied to major.

Degree Requirements

LIFE SCIENCE (BA)

73 Credits Minimum, Including 23 Upper Division (UD)

GENERAL CORE REQUIREMENTS

Course	Attributes	Credits
BIO 1859 Biology Cornerstone Seminar	-	1
BIO 2101 General Biology	WKFS	5
BIO 2102 General Biology	-	5
BIO 2103 General Biology	WKAS	5
BIO 4899 Natural Sciences Seminar	UD	2
SECTION CREDITS REQUIRED		18

BIOLOGY ELECTIVES* (21 UD, 20CR MUST INCL LAB OR FIELD EXP)

Course	Attributes	Credits
BIO 2129 Human Anatomy & Physiology (5)	WKAS	
BIO 2130 Human Anatomy & Physiology (5)	-	
BIO 3000 Intro Biological Anthropology (5)	UD, WE, CUE	
BIO 3200 GIS in Biology (3)	UD	
BIO 3302 Coral Reef Ecology (5)	UD, CUE	
BIO 3303 Evolutionary Ecology Galapagos (5)	UD	
BIO 3304 Oceanography of the Galapagos (5)	UD	
BIO 3305 Marine Restoration Ecology (5)	UD, CUE	
BIO 3310 Ecology (5)	W, UD	
BIO 3320 Principles of Development (5)	W, UD	
BIO 3325 Genetics (5)	UD	
BIO 3350 Immunology (3)	UD	
BIO 3351 General Microbiology (5)	UD	
BIO 3432 Biodiversity:Vertebrate Biology (5)	UD	
BIO 3434 Animal Behavior (5)	W, UD	
BIO 3453 Biodiversity:Plant Ident & Tax (5)	UD	
BIO 3615 Issues and Values in Biology (3)	W, UD, WE	
BIO 3898 Women in Science (2)	UD	
BIO 3899 Scientific Literature (1)	UD	
BIO 4256 Environmental Physiology (5)	W, UD	
BIO 4325 Molecular Biology (5)	W, UD	
BIO 4330 Evolutionary Mechanisms (5)	W, UD	
BIO 4352 Cell Biology (5)	W, UD	
BIO 4360 Biostatistics (5)	UD	

BIO 4361 Biochemistry (5)	W, UD	30
BIO 4362 Biochemistry (5)	UD	
BIO 4363 Biochemistry (3)	UD	
BIO 4410 Human Physiology (5)	UD	
BIO 4413 Animal Physiology (5)	W, UD	
BIO 4415 Plant Physiology (5)	W, UD	
BIO 4418 Neurobiology (5)	UD	
BIO 4420 Histology & Microscopic Tech (5)	UD	
BIO 4435 Biodiversity:Parasites & Pests (5)	UD	
BIO 4744 Marine Botany (5)	UD	
BIO 4810 Marine Ecology (5)	W, UD	
BIO 4815 Aquatic Ecology (5)	UD	
BIO 4825 Forest Ecology (5)	UD	
BIO 4835 Conservation Biology (5)	UD	
BIO 4840 Chemical Ecology (5)	W, UD	
BIO 4880 Blakely Field Studies (1)	UD	
BIO 4900 Independent Study in Biology (1-5)	UD	
BIO 4917 LASP: Science Seminar (6)	UD	
BIO 4918 LASP: Field Research (3)	UD	
BIO 4930 Biology Practicum (1-5)	UD	
BIO 4940 Internship in Biology (1-5)	UD	
BIO 4950 Special Studies in Biology (1-5)	UD	
BIO 4970 Research Methods in Biology (1-5)	UD	
BIO 4978 Biological Research Proposal (1)	W, UD	
BIO 4979 Biological Research (1-4)	UD	
BIO 4982 Advanced Biological Research (1-5)	UD	
SECTION CREDITS REQUIRED		30

SUPPORTING COURSES

Course	Attributes	Credits
CHM 1211 General Chemistry I	WKFS	5
CHM 1212 General Chemistry II	-	5
MAT 2360 Intro to Stats for Sciences	WKQR	5
SECTION CREDITS REQUIRED		15

RESTRICTED ELECTIVES** (EXTRA UD FROM BIO ELECTIVES APPLY)

Course	Attributes	Credits
BIO 1145 Oceanography (5)	WKFS	10
CHM 1213 General Chemistry III (3)	-	
CHM 2213 Inorganic Qualitative Analysis (2)	-	
CHM 1330 Survey of Organic Chemistry (5)	-	
CHM 3371 Organic Chemistry I (5)	UD	
CHM 3372 Organic Chemistry II (5)	UD	
CHM 3373 Organic Chemistry III (5)	UD	
FCS 3340 Human Nutrition (5)	UD	

MAT 1221 Survey of Calculus (5)	WKQR	
MAT 1234 Calculus I (5)	WKQR	
PHY 1101 General Physics (5)	WKFS	
PHY 1102 General Physics (5)	-	
PHY 1103 General Physics (5)	-	
PHY 3011 Global Climate Change (5)	UD, WE	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		73

ADDITIONAL REQUIREMENTS AND INFORMATION

- *can apply a third credit of BIO 4899
- **Cannot count both CHM 1330 and 3371.
- **Cannot count both MAT 1221 and 1234.

Degree Requirements

BIOETHICS AND HUMANITIES MINOR

36 Credits Minimum, Including 15 Upper Division (UD)

SCIENCE FOUNDATIONS

Course	Attributes	Credits
BIO 1101 Biological Fundamentals (5)	WKFS	
BIO 1103 Applications of Biology (5)	WKAS	
BIO 1121 Coral Reef Ecology (5)	WKFS, CUE	
BIO 1123 Humans and Coral Reefs (5)	WKAS, CUE	
BIO 1145 Oceanography (5)	WKFS	
BIO 2101 General Biology (5)	WKFS	
BIO 2102 General Biology (5)	-	
BIO 2103 General Biology (5)	WKAS	
BIO 2129 Human Anatomy & Physiology (5)	WKAS	
BIO 2130 Human Anatomy & Physiology (5)	-	10
BIO 2571 Introduction to Biology (5)	WKFS	
CHM 1211 General Chemistry I (5)	WKFS	
CHM 1212 General Chemistry II (5)	-	
CHM 1213 General Chemistry III (3)	-	
CHM 1310 Survey of General Chemistry (5)	WKFS	
CHM 1330 Survey of Organic Chemistry (5)	-	
CHM 1360 Survey of Biological Chemistry (5)	-	
FCS 3340 Human Nutrition (5)	UD	
PSY 1180 Gen Psych: Individual in Growth (5)	WKSS	
SECTION CREDITS REQUIRED		10

ETHICS FRAMEWORK*

Course	Attributes	Credits
PHI 1002 Ethics and the Good Life (5)	WKH	
PHI 2222 Social Ethics (5)	WE	
PHI 3651 Contemporary Ethical Theory (5)	W, UD	5
THEO 3501 Christian Ethics (5)	UD	
THEO 4100 Biblical Ethics (5)	W, UD	
SECTION CREDITS REQUIRED		5

BIOETHICS CORE

Course	Attributes	Credits
BIO 3615 Issues and Values in Biology (3)	W, UD, WE	6
PHS 4600 Contemporary Issues: Medicine (3)	W, UD	

PPHS 4000 Contemporary Issues-Medicine (3)	W, UD	
SECTION CREDITS REQUIRED		6

ELECTIVES

Course	Attributes	Credits
ANT 2250 Cultural Anthropology (5)	WKSS, CUE	
ECN 3500 Environmental Economics (5)	UD	
ECN 3690 Inclusive Financial Services (5)	UD	
ECN 4010 Health Economics (5)	W, UD	
ENG 3003 Literature and Medicine (5)	W, UD, WE	
FCS 2385 Food & the Consumer (5)	WE	
FCS 3100 Sustainable Food Production (5)	UD, WE	
GDEV 2000 Intro to Global Development (5)	-	
HIS 2492 The Founding of Modern Science (5)	WKSS	
HIS 3405 Science & The Reformation (5)	UD, WE	
HIS 3496 Darwin, Einstein & Reintro Nature (5)	UD, WE	
HSC 4700 Issues in Global Health (3)	UD	
NUR 4950 Selected Topics (1-5)	UD	
PHI 1001 Logic and Critical Thinking (5)	WKH	
PHI 1002 Ethics and the Good Life (5)	WKH	
PHI 2222 Social Ethics (5)	WE	15
PHI 2500 Science, Technology & Society (3)	-	
PHI 3651 Contemporary Ethical Theory (5)	W, UD	
PHI 3770 Political Philosophy (3)	W, UD	
POL 3410 Moral Foundations of Democracy (5)	W, UD	
POL 3550 Social Darwinism and Politics (5)	W, UD, WE	
POL 3780 Law & Society (5)	UD, WE	
POL 4310 International Political Economy (5)	UD	
PSY 2422 Psych Persnl Growth & Civ Devlpm (3)	-	
SOC 3205 Sociology in Medicine (5)	UD, WE	
SOC 3320 Homelessness in America (5)	UD	
SOC 4702 Classical Sociological Theory (5)	W, UD	
USCH 4910 Faith and Science II (5)	UD	
THEO 3305 Science & The Reformation (5)	UD, WE	
THEO 3501 Christian Ethics (5)	UD	
THEO 4100 Biblical Ethics (5)	W, UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		36

ADDITIONAL REQUIREMENTS AND INFORMATION

- *5 cr not used in Ethics section can be Elective instead

SECTION CREDITS REQUIRED

6

INDIVIDUAL INSTRUCTION

Course	Attributes	Credits
MUS 2201 Individual Instruction-Flute (1-2)	-	
MUS 2202 Individual Instruction-Oboe (1-2)	-	
MUS 2203 Individual Instructn-Clarinet (1-2)	-	
MUS 2204 Individual Instructn-Bassoon (1-2)	-	
MUS 2205 Individual Instuctn-Trumpet (1-2)	-	
MUS 2206 Individual Instruction-Horn (1-2)	-	
MUS 2207 Individual Instructn-Trombone (1-2)	-	
MUS 2208 Individual Instructn-Euphonium (1-2)	-	
MUS 2209 Individual Instruction-Tuba (1-2)	-	
MUS 2210 Individual Instr-Percussion (1-2)	-	
MUS 2211 Individual Instruction-Violin (1-2)	-	
MUS 2212 Individual Instruction-Viola (1-2)	-	
MUS 2213 Individual Instr-Violoncello (1-2)	-	
MUS 2214 Individual Instr-Double Bass (1-2)	-	
MUS 2215 Individual Instruction-Harp (1-2)	-	
MUS 2216 Individual Instruction-Organ (1-2)	-	
MUS 2217 Individual Instruction-Piano (1-2)	-	
MUS 2218 Individual Instr-Harpsichord (1-2)	-	
MUS 2219 Individual Instruction-Voice (1-2)	-	
MUS 2220 Indiv Instr-Classical Guitar (1-2)	-	
MUS 2221 Individual Instruct-Saxophone (1-2)	-	
MUS 2223 Individual Instr-Jazz Guitar (1-2)	-	
MUS 2224 Individual Instr-Jazz Piano (1-2)	-	
MUS 2225 Individual Instr-Harpsichord (1-2)	-	
MUS 4201 Individual Instruction-Flute (1-2)	UD	3
MUS 4202 Individual Instruction-Oboe (1-2)	UD	
MUS 4203 Individual Instructn-Clarinet (1-2)	UD	
MUS 4204 Individual Instruction-Bassoon (1-2)	UD	
MUS 4205 Individual Instruction-Trumpet (1-2)	UD	
MUS 4206 Individual Instruction-Horn (1-2)	UD	
MUS 4207 Individual Instructn-Trombone (1-2)	UD	
MUS 4208 Individual Instructn-Euphonium (1-2)	UD	
MUS 4209 Individual Instruction-Tuba (1-2)	UD	
MUS 4210 Individual Instr-Percussion (1-2)	UD	
MUS 4211 Individual Instruction-Violin (1-2)	UD	
MUS 4212 Individual Instruction-Viola (1-2)	UD	
MUS 4213 Individual Instr-Violoncello (1-2)	UD	
MUS 4214 Individual Instr-Double Bass (1-2)	UD	
MUS 4215 Individual Instruction-Harp (1-2)	UD	
MUS 4216 Individual Instruction-Organ (1-2)	UD	
MUS 4217 Individual Instruction-Piano (1-2)	UD	
MUS 4218 Individual Instr-Harpsichord (1-3)	UD	
MUS 4219 Individual Instruction-Voice (1-2)	UD	
MUS 4220 Indiv Instr-Classical Guitar (1-2)	UD	
MUS 4221 Individual Instruct-Saxophone (1-2)	UD	

MUS 4222 MIDI Sequencing (2)	UD	
MUS 4223 Individual Instr-Jazz Guitar (1-2)	UD	
MUS 4224 Individual Instr-Jazz Piano (1-2)	UD	
MUS 4225 Individual Instr-Harpsichord (1-2)	UD	
SECTION CREDITS REQUIRED		3

ELECTIVES-INCL ADD'L INDIV INSTR OR RECITAL, 15 TOTAL UD REQ

Course	Attributes	Credits
MUS 1111 Music Theory II (3)	-	
MUS 3102 Composition (3)	UD	3
MUS 3203 Recording (2)	UD	
MUS 3608 Advanced Music Notation (3)	UD	
SECTION CREDITS REQUIRED		
MINIMUM TOTAL CREDITS REQUIRED		30

ADDITIONAL REQUIREMENTS AND INFORMATION

- Junior Project-Select with Advisor

Degree Requirements

ECOLOGY (BS)

100 Credits Minimum, Including 40 Upper Division (UD)

GENERAL CORE REQUIREMENTS

Course	Attributes	Credits
BIO 1859 Biology Cornerstone Seminar	-	1
BIO 2101 General Biology (5)	WKFS	15
BIO 2102 General Biology (5)	-	
BIO 2103 General Biology (5)	WKAS	
BIO 3310 Ecology	W, UD	5
BIO 3325 Genetics	UD	5
BIO 3453 Biodiversity:Plant Ident & Tax (5)	UD	5
BIO 4744 Marine Botany (5)	UD	
BIO 4256 Environmental Physiology (5)	W, UD	5
BIO 4413 Animal Physiology (5)	W, UD	
BIO 4415 Plant Physiology (5)	W, UD	
BIO 4418 Neurobiology (5)	UD	
BIO 3899 Scientific Literature	UD	1
BIO 4330 Evolutionary Mechanisms	W, UD	5
BIO 4360 Biostatistics	UD	5
SECTION CREDITS REQUIRED		47

APPLIED ECOLOGY

Course	Attributes	Credits
BIO 3302 Coral Reef Ecology (5)	UD, CUE	10
BIO 3303 Evolutionary Ecology Galapagos (5)	UD	
BIO 3305 Marine Restoration Ecology (5)	UD, CUE	
BIO 4810 Marine Ecology (5)	W, UD	
BIO 4815 Aquatic Ecology (5)	UD	
BIO 4825 Forest Ecology (5)	UD	
BIO 4835 Conservation Biology (5)	UD	
BIO 4840 Chemical Ecology (5)	W, UD	
SECTION CREDITS REQUIRED		10

ELECTIVES (FROM THIS LIST OR APPLIED ECOLOGY)*

ELECTIVES (FROM THIS LIST OR APPLIED ECOLOGY)

Course	Attributes	Credits
BIO 3000 Intro Biological Anthropology (5)	UD, WE, CUE	8
BIO 3304 Oceanography of the Galapagos (5)	UD	
BIO 3432 Biodiversity:Vertebrate Biology (5)	UD	
BIO 3434 Animal Behavior (5)	W, UD	
BIO 3899 Scientific Literature (1)	UD	
BIO 4744 Marine Botany (5)	UD	
BIO 4880 Blakely Field Studies (1)	UD	
SECTION CREDITS REQUIRED		8

CAPSTONE EXPERIENCE*

Course	Attributes	Credits
BIO 4899 Natural Sciences Seminar	UD	2
- OR -		
BIO 4978 Biological Research Proposal (1)	W, UD	3
BIO 4979 Biological Research (2)	UD	
SECTION CREDITS REQUIRED		2

CHEMISTRY AND MATH SUPPORTING COURSES

Course	Attributes	Credits
CHM 1211 General Chemistry I (5)	WKFS	10
CHM 1212 General Chemistry II (5)	-	
CHM 1330 Survey of Organic Chemistry (5)	-	5
CHM 3371 Organic Chemistry I (5)	UD	
MAT 2360 Intro to Stats for Sciences	WKQR	5
MAT 1221 Survey of Calculus (5)	WKQR	5
MAT 1234 Calculus I (5)	WKQR	
SECTION CREDITS REQUIRED		25

QUANTITATIVE SUPPORTING COURSES**

Course	Attributes	Credits
BIO 1145 Oceanography (5)	WKFS	
MAT 1235 Calculus II (5)	-	
MAT 1236 Calculus III (5)	-	
MAT 3333 Statistical Modeling (3)	UD	
CHM 1213 General Chemistry III (3)	-	
CHM 2213 Inorganic Qualitative Analysis (2)	-	
CHM 3372 Organic Chemistry II (5)	UD	
CHM 3373 Organic Chemistry III (5)	UD	

CSC 1230 Problem Solving & Programming (5)	WKAS	
CSC 2430 Data Structures I (5)	-	8
CSC 2431 Data Structures II (5)	-	
PHY 1101 General Physics (5)	WKFS	
PHY 1102 General Physics (5)	-	
PHY 1103 General Physics (5)	-	
PHY 1121 Physics for Sci & Engineering (5)	WKFS	
PHY 1122 Physics for Sci & Engineering (5)	-	
PHY 1123 Physics for Sci & Engineering (5)	-	
PHY 3011 Global Climate Change (5)	UD, WE	
ECN 3500 Environmental Economics (5)	UD	
SECTION CREDITS REQUIRED		8

FIELD BIO REQUIREMENT (3CR)-(MAY BE MET IN OTHER SECTIONS)

Course	Attributes	Credits
BIO 3302 Coral Reef Ecology (5)	UD, CUE	
BIO 3303 Evolutionary Ecology Galapagos (5)	UD	
BIO 3304 Oceanography of the Galapagos (5)	UD	
BIO 3305 Marine Restoration Ecology (5)	UD, CUE	
BIO 4256 Environmental Physiology (5)	W, UD	
BIO 4744 Marine Botany (5)	UD	0
BIO 4810 Marine Ecology (5)	W, UD	
BIO 4815 Aquatic Ecology (5)	UD	
BIO 4825 Forest Ecology (5)	UD	
BIO 4835 Conservation Biology (5)	UD	
BIO 4880 Blakely Field Studies (1)	UD	
SECTION CREDITS REQUIRED		0

RECOMMENDED COURSES

Course	Attributes	Credits
CHM 1213 General Chemistry III	-	3
CHM 2213 Inorganic Qualitative Analysis	-	2
MAT 1235 Calculus II	-	5
PHY 1101 General Physics (5)	WKFS	
PHY 1102 General Physics (5)	-	15
PHY 1103 General Physics (5)	-	
- OR -		
PHY 1121 Physics for Sci & Engineering (5)	WKFS	
PHY 1122 Physics for Sci & Engineering (5)	-	15
PHY 1123 Physics for Sci & Engineering (5)	-	
SECTION CREDITS REQUIRED		0
MINIMUM TOTAL CREDITS REQUIRED		100

ADDITIONAL REQUIREMENTS AND INFORMATION

- *BIO 3302,3303,3305,4810,4815,4825,4835 and 4979
- count for ELECTIVES if not used elsewhere
- **BIO 3304 & 4840 can count for Quant if not used elsewhere
- Max 6 credits from BIO 4900-4999 may be applied to major.

Degree Requirements

MUSIC THERAPY: EMPHASIS IN SPECIAL EDUCATION (BA)

114 Credits Minimum, Including 29 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
MUS 1051 Aural Skills Fundamentals	-	2
MUS 1110 Music Theory I	-	3
MUS 1111 Music Theory II	-	3
MUS 1113 Aural Skills I	-	2
MUS 1114 Aural Skills II	-	2
MUS 1500 Introduction to Improvisation	-	2
MUS 1800 Music History Timeline	-	5
MUS 2115 Lifelong Musicianship	-	4
MUS 2570 Basic Music Technology	-	2
MUS 3712 Choral Conducting (2)	UD	2
MUS 3713 Instrumental Conducting (2)	UD	
SECTION CREDITS REQUIRED		27

VOCATIONAL CREDITS

Course	Attributes	Credits
MUS 4238 Psychology of Music	W, UD	3
SECTION CREDITS REQUIRED		3

CORE: CREATIVE ENGAGEMENT (CE)

Course	Attributes	Credits
MUS 3102 Composition (3)	UD	9
MUS 3105 Counterpoint (3)	UD	
MUS 3110 Jazz Theory (3)	UD	
MUS 3111 20th Cntry Compostn Techniques (3)	UD	
MUS 3112 Form and Analysis (3)	UD	
MUS 3113 Voice Leading (3)	UD	
MUS 3114 Advanced Chromatic Harmony (3)	UD	

MUS 3200 Songwriting (3)	UD	
MUS 4101 Instrumentation & Orchestration (3)	UD	
MUS 4103 Arranging (3)	UD	
SECTION CREDITS REQUIRED		9

CORE: CRITICAL LISTENING CULTURAL REFLECTIONS (CR)

Course	Attributes	Credits
MUS 4230 Music of Renaissance & Baroque (3)	W, UD	
MUS 4231 Music of Classical & Romantic (3)	W, UD	
MUS 4232 Music of the 20th Century (3)	W, UD	
MUS 4233 Music of Black America (3)	W, UD, CUE	
MUS 4234 Music of the Spice Route (3)	W, UD, CUE	9
MUS 4235 Music of the Pacific Rim (3)	W, UD, CUE	
MUS 4236 Jazz History for Music Majors (3)	W, UD, CUE	
MUS 4237 American Popular Music:Majors (3)	W, UD, CUE	
MUS 4239 Mus of Latin Amer. & Caribbean (3)	WKA, W, UD, CUE	
SECTION CREDITS REQUIRED		9

CORE: LARGE ENSEMBLE (LE)

Course	Attributes	Credits
MUS 2301 Gospel Choir (2)	WKA	
MUS 2305 Treble Choir (2)	WKA	
MUS 2307 Percussion Ensemble (1-2)	WKA	
MUS 2312 Tenor/Bass Choir (2)	WKA	
MUS 2350 Concert Choir (2)	WKA	
MUS 2351 Wind Ensemble (2)	WKA	
MUS 2353 Symphony Orchestra (2)	WKA	
MUS 4301 Gospel Choir (2)	WKA, UD	6
MUS 4305 Treble Choir (2)	WKA, UD	
MUS 4307 Percussion Ensemble (1-2)	WKA, UD	
MUS 4312 Tenor/Bass Choir (2)	WKA, UD	
MUS 4350 Concert Choir (2)	WKA, UD	
MUS 4351 Wind Ensemble (2)	WKA, UD	
MUS 4353 Symphony Orchestra (2)	WKA, UD	
SECTION CREDITS REQUIRED		6

SMALL ENSEMBLE OR MUSIC TECHNIQUE CLASSES

Course	Attributes	Credits
MUS 2304 Chamber Singers (1)	WKA	
MUS 2306 Brass Ensemble (1)	WKA	
MUS 2308 Flute Ensemble (1)	WKA	
MUS 2309 String Quartet (1)	WKA	
MUS 2310 Keyboard Ensemble (1)	WKA	
MUS 2311 Jazz Lab (2)	WKA	
MUS 2313 Vocal Jazz Ensemble (2)	-	

MUS 2340 Chamber Ensemble (1-2)	-	
MUS 2341 Gamelan Ensemble (1)	WKA	
MUS 2342 Worship Band (1,2)	WKA	
MUS 2360 Singing from the Stage (1-2)	WKA	
MUS 2501 Brass Techniques (2)	-	
MUS 2502 Percussion Techniques (2)	-	
MUS 2503 String Techniques (2)	-	3
MUS 2504 Woodwind Techniques (2)	-	
MUS 2505 Jazz Technique (2)	-	
MUS 4304 Chamber Singers (1)	WKA, UD	
MUS 4306 Brass Ensemble (1)	WKA, UD	
MUS 4308 Flute Ensemble (1)	WKA, UD	
MUS 4309 String Quartet (1)	WKA, UD	
MUS 4310 Keyboard Ensemble (1)	WKA, UD	
MUS 4311 Jazz Lab (2)	WKA, UD	
MUS 4313 Vocal Jazz Ensemble (2)	UD	
MUS 4340 Chamber Ensemble (1-2)	UD	
MUS 4341 Gamelan Ensemble (1)	WKA, UD	
MUS 4342 Worship Band (1,2)	WKA, UD	
MUS 4360 Singing from the Stage (1-2)	WKA, UD	
SECTION CREDITS REQUIRED		3

INDIVIDUAL INSTRUCTION (INCLUDING 3CR UD MINIMUM)

Course	Attributes	Credits
MUS 2201 Individual Instruction-Flute (1-2)	-	
MUS 2202 Individual Instruction-Oboe (1-2)	-	
MUS 2203 Individual Instructn-Clarinet (1-2)	-	
MUS 2204 Individual Instructn-Bassoon (1-2)	-	
MUS 2205 Individual Instuctn-Trumpet (1-2)	-	
MUS 2206 Individual Instruction-Horn (1-2)	-	
MUS 2207 Individual Instructn-Trombone (1-2)	-	
MUS 2208 Individual Instructn-Euphonium (1-2)	-	
MUS 2209 Individual Instruction-Tuba (1-2)	-	
MUS 2210 Individual Instr-Percussion (1-2)	-	
MUS 2211 Individual Instruction-Violin (1-2)	-	
MUS 2212 Individual Instruction-Viola (1-2)	-	
MUS 2213 Individual Instr-Violoncello (1-2)	-	
MUS 2214 Individual Instr-Double Bass (1-2)	-	
MUS 2215 Individual Instruction-Harp (1-2)	-	
MUS 2216 Individual Instruction-Organ (1-2)	-	
MUS 2217 Individual Instruction-Piano (1-2)	-	
MUS 2218 Individual Instr-Harpsichord (1-2)	-	
MUS 2219 Individual Instruction-Voice (1-2)	-	
MUS 2220 Indiv Instr-Classical Guitar (1-2)	-	
MUS 2221 Individual Instruct-Saxophone (1-2)	-	
MUS 2223 Individual Instr-Jazz Guitar (1-2)	-	
MUS 2224 Individual Instr-Jazz Piano (1-2)	-	
MUS 2225 Individual Instr-Harpsichord (1-2)	-	9

MUS 4201 Individual Instruction-Flute (1-2)	UD	✓
MUS 4202 Individual Instruction-Oboe (1-2)	UD	
MUS 4203 Individual Instructn-Clarinet (1-2)	UD	
MUS 4204 Individual Instruction-Bassoon (1-2)	UD	
MUS 4205 Individual Instruction-Trumpet (1-2)	UD	
MUS 4206 Individual Instruction-Horn (1-2)	UD	
MUS 4207 Individual Instructn-Trombone (1-2)	UD	
MUS 4208 Individual Instructn-Euphonium (1-2)	UD	
MUS 4209 Individual Instruction-Tuba (1-2)	UD	
MUS 4210 Individual Instr-Percussion (1-2)	UD	
MUS 4211 Individual Instruction-Violin (1-2)	UD	
MUS 4212 Individual Instruction-Viola (1-2)	UD	
MUS 4213 Individual Instr-Violoncello (1-2)	UD	
MUS 4214 Individual Instr-Double Bass (1-2)	UD	
MUS 4215 Individual Instruction-Harp (1-2)	UD	
MUS 4216 Individual Instruction-Organ (1-2)	UD	
MUS 4217 Individual Instruction-Piano (1-2)	UD	
MUS 4218 Individual Instr-Harpsichord (1-3)	UD	
MUS 4219 Individual Instruction-Voice (1-2)	UD	
MUS 4220 Indiv Instr-Classical Guitar (1-2)	UD	
MUS 4221 Individual Instruct-Saxophone (1-2)	UD	
MUS 4223 Individual Instr-Jazz Guitar (1-2)	UD	
MUS 4224 Individual Instr-Jazz Piano (1-2)	UD	
MUS 4225 Individual Instr-Harpsichord (1-2)	UD	
SECTION CREDITS REQUIRED		9

MUSIC THERAPY CORE COURSES

Course	Attributes	Credits
MUS 2000 Clinical Improvisation	-	2
MUS 2200 Piano Proficiency	-	1
MUS 2560 Introduction to Music Therapy	-	3
MUS 2561 Music Therapy Skills Repertoire	-	3
MUS 2930 Music Therapy Practicum I	-	1
MUS 3931 Music Therapy Practicum II	UD	1
MUS 4931 Music Therapy Practicum III	UD	1
MUS 3502 Making Music w Diverse Learner	UD	3
MUS 4802 Music Therapy in Mental Health	W, UD	3
MUS 4803 Music and Medicine	W, UD	3
MUS 4898 Current Issues - Music Therapy	UD	1
MUS 4944 Music Therapy Internship	UD	2

SECTION CREDITS REQUIRED	24
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CLINICAL FOUNDATIONS

Course	Attributes	Credits
HHP 2128 Functional Anatomy	-	3
PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 3360 Psychological Disorders	UD	5
HHP 3545 Programs for Special Populatns	UD	3
SECTION CREDITS REQUIRED		16

SPECIAL EDUCATION TRACK

Course	Attributes	Credits
EDSP 3107 Exceptionality in the Classrm (3)	UD	
EDSP 4642 Individual Education Programs (3)	W, UD	
EDSP 4646 Severe Disabilities (3)	UD	8
EDSP 4648 Tching Studnts w Emot&Behv Dis (3)	UD	
EDSP 4657 Behavior Management (3)	UD	
SECTION CREDITS REQUIRED		8
MINIMUM TOTAL CREDITS REQUIRED		114

ADDITIONAL REQUIREMENTS AND INFORMATION

- Pass Piano Proficiency Exam
- Guitar Proficiency
- Voice Proficiency
- Recital: 30-Minute Junior Solo
- Additional CR may be earned in consultation w/ Major Advisor
- *Singer's Art I & II are prereqs for UD voice instruction

Degree Requirements

GENERAL ENGINEERING: MECHANICAL ENGINEERING FOCUS (BS)

131 Credits Minimum, Including 59 Upper Division (UD)

MATHEMATICS REQUIREMENTS

Course	Attributes	Credits
MAT 1234 Calculus I	WKQR	5
MAT 1235 Calculus II	-	5
MAT 1236 Calculus III	-	5
MAT 2401 Linear Algebra	-	3
MAT 3237 Differential Equations	UD	3
MAT 3238 Vector Calculus	UD	3
SECTION CREDITS REQUIRED		24

SCIENCE REQUIREMENTS

Course	Attributes	Credits
CHM 1211 General Chemistry I	WKFS	5
CSC 1230 Problem Solving & Programming (5)	WKAS	5
CSC 2230 Comptr Programmng for Engineers (5)	WKAS	
PHY 1121 Physics for Sci & Engineering	WKFS	5
PHY 1122 Physics for Sci & Engineering	-	5
PHY 1123 Physics for Sci & Engineering	-	5
SECTION CREDITS REQUIRED		25

ENGINEERING REQUIREMENTS

Course	Attributes	Credits
EE 2726 Electric Circuits I	-	5
EGR 1501 CAD Applications for Engineers	-	1
EGR 1502 Machining and Fabricating	-	1
EGR 1503 Engineering Tools and Systems	-	1
EGR 2200 Engineering Probability & Stats	-	3

EGR 2200 <u>Engineering Probability&Stats</u>	-	3
EGR 3000 <u>Engineering Semnr&Intern Prep</u>	W, UD	1
EGR 3311 <u>Experimental Methods I</u>	W, UD	3
EGR 3810 <u>Engineering Design</u>	UD	5
EGR 4811 <u>Engineering Senior Design I</u>	W, UD	3
EGR 4812 <u>Engineering Senior Design II</u>	W, UD	3
EGR 4899 <u>ENGR Capstone & Senior Design</u>	W, UD	3
EGR 4941 <u>Engineering Internship Review</u>	UD	1
ME 2891 <u>Statics</u>	-	4
ME 3300 <u>Properties of Materials</u>	UD	3
ME 3310 <u>Mechanics of Materials</u>	UD	4
ME 3400 <u>Dynamics</u>	UD	5
ME 3430 <u>System Dynamics</u>	UD	5
ME 3500 <u>Thermal Science I:ThermodynmcS</u>	UD	5
ME 3501 <u>Thermal Science II: Fluid Mech</u>	UD	5
ME 3502 <u>Thermal Science III: Heat Trfr</u>	UD	5
ME 4410 <u>Mechanical Design</u>	UD	3
ME 4910 <u>WA State FE Preparation</u>	UD	1
SECTION CREDITS REQUIRED		70

TECHNICAL ELECTIVES*

Course	Attributes	Credits
BUS 3682 <u>Social Venture Planning (2)</u>	UD	
EGR 3312 <u>Experimental Methods II (3)</u>	W, UD	
PHY 3312 <u>Experimental Methods II (3)</u>	WKAS, W, UD	
EGR 3313 <u>Experimental Methods III (3)</u>	W, UD	
PHY 3313 <u>Experimental Methods III (3)</u>	W, UD	
EE 2727 <u>Electric Circuits II (4)</u>	-	
EE 3028 <u>Electric Circuits III (4)</u>	UD	
EE 3280 <u>Microcontroller System Design (5)</u>	UD	
EE 3315 <u>Electricity and Magnetism I (3)</u>	UD	
EE 3410 <u>Signal & System Analysis (5)</u>	UD	
EE 3500 <u>Introduction to Power Systems (5)</u>	UD	
EE 3510 <u>Power Electronics Fundamentals (5)</u>	UD	
EE 3550 <u>Communication System Analysis (5)</u>	UD	
EE 3721 <u>Elec I Analog Devices & Circ (5)</u>	UD	
EE 3722 <u>Elec II Analog Electronics (5)</u>	UD	

EE 3760 <u>Computer Orgnztn & Assem Lang</u> (5)	UD	
EE 4311 <u>Optics and Lasers</u> (5)	UD	
EE 4410 <u>Embedded and Fixed Point DSP</u> (3)	UD	
EE 4450 <u>Control System Design</u> (5)	UD	
EGR 4450 <u>Control Systems Design</u> (5)	UD	12
EE 4560 <u>Wireless Communication Systems</u> (3)	UD	
CPE 3350 <u>Operating Systems Programming</u> (3)	UD	
CPE 4151 <u>Software Engineering I</u> (3)	UD	
CPE 4152 <u>Software Engineering II</u> (3)	UD	
CPE 4350 <u>Advanced Operating Systems</u> (3)	UD	
CPE 4750 <u>Computer Networks</u> (5)	UD	
CPE 4760 <u>Advanced Computer Architecture</u> (5)	UD	
EGR 3211 <u>Acoustics</u> (5)	UD	
EGR 3611 <u>ASE I:Alternative Energy System</u> (5)	UD	
EGR 3612 <u>Apprpriate&Sustanable Engrn II</u> (4)	UD	
EGR 3614 <u>Apprpriate&Sustanble Engrn III</u> (4)	UD	
EGR 3800 <u>Biomedical Engineering I</u> (1-5)	UD	
EGR 4610 <u>Systems Design</u> (4)	UD	
EGR 4615 <u>Engineering Project Management</u> (3)	UD	
EGR 4900 <u>Independnt Stdy in Engineering</u> (1-5)	UD	
EGR 4930 <u>Practicum</u> (1-5)	UD	
EGR 4950 <u>Topics:General Engineering</u> (1-5)	UD	
EGR 4960 <u>Senior Project</u> (1-5)	UD	
EGR 4970 <u>Research</u> (1-5)	UD	
SECTION CREDITS REQUIRED		12
MINIMUM TOTAL CREDITS REQUIRED		131

ADDITIONAL REQUIREMENTS AND INFORMATION

- *Max of 5-CR combined from EGR 4930/60/70 may be applied
- All Engineers required to have Tech Internship (See Catalog)

Degree Requirements

ELECTRICAL ENGINEERING (BS)

130 Credits Minimum, Including 64 Upper Division (UD)

MATHEMATICS

Course	Attributes	Credits
MAT 1234 Calculus I (5)	WKQR	15
MAT 1235 Calculus II (5)	-	
MAT 1236 Calculus III (5)	-	
MAT 3237 Differential Equations	UD	3
MAT 3238 Vector Calculus	UD	3
MAT 2401 Linear Algebra	-	3
SECTION CREDITS REQUIRED		24

SCIENCE

Course	Attributes	Credits
PHY 1121 Physics for Sci & Engineering	WKFS	5
PHY 1122 Physics for Sci & Engineering	-	5
PHY 1123 Physics for Sci & Engineering	-	5
SECTION CREDITS REQUIRED		15

ENGINEERING: COMPUTER SCIENCE

Course	Attributes	Credits
CSC 1230 Problem Solving & Programming	WKAS	5
CSC 2430 Data Structures I	-	5
SECTION CREDITS REQUIRED		10

ENGINEERING

Course	Attributes	Credits
EGR 2200 Engineering Probability&Stats	-	3
EGR 3000 Engineering Semnr&Intern Prep	W, UD	1
EGR 3810 Engineering Design	UD	5

EGR 4812 Engineering Senior Design II (3)	W, UD	6
EGR 4899 ENGR Capstone & Senior Design (3)	W, UD	
EGR 4941 Engineering Internship Review	UD	1
SECTION CREDITS REQUIRED		16

ELECTRICAL ENGINEERING

Course	Attributes	Credits
EE 1210 Intro to Logic System Design	-	5
EE 1502 Electrical&Computer EGR Fundmn	-	1
EE 2726 Electric Circuits I	-	5
EE 2727 Electric Circuits II (4)	-	4
EE 2728 Electric Circuits II (5)	-	
EE 3028 Electric Circuits III	UD	4
EE 3280 Microcontroller System Design	UD	5
EE 3410 Signal & System Analysis	UD	5
EE 3550 Communication System Analysis	UD	5
EE 3721 Elec I Analog Devices & Circ	UD	5
EE 3722 Elec II Analog Electronics	UD	5
EE 3760 Computer Orgnztn & Assem Lang	UD	5
EE 4211 EE Senior Design I	W, UD	3
EE 3315 Electricity and Magnetism I	UD	3
EE 4911 WA State FE Preparation	UD	1
SECTION CREDITS REQUIRED		56

TECHNICAL ELECTIVES*

Course	Attributes	Credits
BUS 3682 Social Venture Planning (2)	UD	
CPE 3350 Operating Systems Programming (3)	UD	
CPE 4151 Software Engineering I (3)	UD	
CPE 4152 Software Engineering II (3)	UD	
CPE 4350 Advanced Operating Systems (3)	UD	
CPE 4750 Computer Networks (5)	UD	
CPE 4760 Advanced Computer Architecture (5)	UD	
CSC 4800 Adv Issues in Computer Science (3-5)	UD	
EE 3500 Introduction to Power Systems (5)	UD	
EE 3510 Power Electronics Fundamentals (5)	UD	

EE 4311 Optics and Lasers (5)	UD	
EE 4410 Embedded and Fixed Point DSP (3)	UD	
EE 4450 Control System Design (5)	UD	
EE 4560 Wireless Communication Systems (3)	UD	
EE 4960 Senior Project (1-5)	UD	
EGR 3211 Acoustics (5)	UD	
EGR 3611 ASE I:Alternative Energy Systm (5)	UD	
EGR 3612 Apprpriate&Sustanable Engrn II (4)	UD	9
EGR 3614 Apprpriate&Sustanable Engrn III (4)	UD	
EGR 3800 Biomedical Engineering I (1-5)	UD	
EGR 4450 Control Systems Design (5)	UD	
EGR 4610 Systems Design (4)	UD	
EGR 4930 Practicum (1-5)	UD	
MAT 3724 Applied Analysis (3)	UD	
ME 3300 Properties of Materials (3)	UD	
ME 3310 Mechanics of Materials (4)	UD	
ME 3400 Dynamics (5)	UD	
ME 3430 System Dynamics (5)	UD	
ME 3500 Thermal Science I:ThermodynmcS (5)	UD	
ME 3501 Thermal Science II: Fluid Mech (5)	UD	
ME 3502 Thermal Science III: Heat Trfr (5)	UD	
ME 4410 Mechanical Design (3)	UD	
PHY 3311 Experimental Methods I (3)	WKAS, W, UD	
PHY 3312 Experimental Methods II (3)	WKAS, W, UD	
PHY 3313 Experimental Methods III (3)	W, UD	
PHY 4315 Electricity and Magnetism II (3)	UD	
SECTION CREDITS REQUIRED		9
MINIMUM TOTAL CREDITS REQUIRED		130

ADDITIONAL REQUIREMENTS AND INFORMATION

- Chemistry Proficiency Requirement (see Catalog)
- All Engineers required to have Tech Internship (See Catalog)
- *May apply max 5-CR from EGR/EE 4930, 4940, 4960, EGR 4970

Degree Requirements

HISTORY MINOR

35 Credits Minimum, Including 20 Upper Division (UD)

THINKING HISTORICALLY

Course	Attributes	Credits
HIS 1357 The Game of Life: World War II (5)	WKSS	5
HIS 1490 Life & Death in World Cities (5)	WKSS	
HIS 1734 History of the War on Terror (5)	WKSS	
HIS 2491 Origins of Western Science (5)	WKSS	
HIS 2492 The Founding of Modern Science (5)	WKSS	
SECTION CREDITS REQUIRED		5

UNDERSTANDING SYSTEMS

Course	Attributes	Credits
HIS 2502 The United States to 1876 (5)	WKSS	5
HIS 2503 The United States Since 1876 (5)	WKSS	
UCOR 2000 Emergence of Modrn Global System	-	5
SECTION CREDITS REQUIRED		10

BEFORE 1800

Course	Attributes	Credits
HIS 2417 Religious Traditions of Asia (5)	WKSS, CUE	5
ASIA 2417 Religious Traditions of Asia (5)	WKSS, CUE	
HIS 3100 Ancient Civilization (5)	UD	
CLA 3100 Ancient Civilization (5)	UD	
HIS 3170 Classical Civilization (5)	UD	
CLA 3170 Classical Civilization (5)	UD	
HIS 3200 Ancient & Medieval Worlds (5)	UD	
HIS 3320 Roman Britain to Elizabeth I (5)	UD	
HIS 3331 Roman Hispania to World Empire (5)	UD	
HIS 3401 Ancient&Medieval Christianity (5)	UD	
HIS 3402 Reformatn & Modrn Christianity (5)	UD	
HIS 3501 Colonial&Revolutionary America (5)	W, UD, WE	
SECTION CREDITS REQUIRED		5

AFTER 1800

Course	Attributes	Credits
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Course	Attributes	Credits
HIS 2418 Modern Asian Religions (5)	WE, CUE	
ASIA 2418 Modern Asian Religions (5)	WE, CUE	
HIS 3358 Race Sexuality Religion Europe (3)	W, UD	
HIS 3366 Holocaust in Prague:Jewish Exp (5)	UD, WE, CUE	
HIS 3435 Marxism:20thCent Theory & Prac (3)	UD	5
POL 3435 Marxism:20thCent Theory & Prac (3)	UD	
HIS 3446 Life in the Cold War (5)	W, WE	
HIS 3600 History of Pacific Northwest (5)	UD, WE	
HIS 3670 Hist of Amer Foreign Relations (5)	W, UD, WE	
SECTION CREDITS REQUIRED		5

WORLD REGIONAL SURVEYS*

Course	Attributes	Credits
HIS 3345 Russia and Central Asia (5)	UD	
POL 3345 Russia and Central Asia (5)	UD	
HIS 3382 Crusades,Jihad&Holy Wars (5)	UD, WE	
HIS 3720 Rise of Islamic Civilization (5)	W, UD, WE, CUE	
HIS 3730 Modern Middle East (5)	UD, WE	
HIS 3750 Latin America (5)	UD, CUE	
HIS 3765 Traditional East Asia (5)	W, UD, WE	5
ASIA 3765 Traditional East Asia (5)	W, UD, WE	
HIS 3785 East Asian Modernities (5)	W, UD, WE	
ASIA 3785 East Asian Modernities (5)	W, UD, WE	
HIS 3786 Nation City&Identity in China (5)	UD, WE	
ASIA 3786 Nation City&Identity in China (5)	UD, WE	
HIS 3790 History of Africa (5)	UD, WE	
SECTION CREDITS REQUIRED		5

CHRISTIAN PERSPECTIVES ON PROBLEMS IN HISTORY**

Course	Attributes	Credits
HIS 3387 Christianity in Asia (3)	W, UD	
HIS 3403 Jesus Myth or Son of God (3)	UD	
HIS 3405 Science & The Reformation (5)	UD, WE	
HIS 3406 Christianity in America (5)	UD	5
HIS 3444 Humanitarianism (5)	UD, CUE	
HIS 3445 Genocide: A Comparative Study (5)	UD, CUE	
HIS 3448 History of Forced Migration (5)	UD, CUE	
HIS 3496 Darwin,Einstein&Reintrp Nature (5)	UD, WE	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		35

ADDITIONAL REQUIREMENTS AND INFORMATION

- * Each course may only count in ONE area

- Each course may only count in ONE area.
- *Okay if not used elsewhere: HIS 2417, 3435.
- **Okay if not used elsewhere: HIS 3366, 3401, 3402, 3403.
- **Okay if not used elsewhere: HIS 3405, 3406, 3435, 3444.
- **Okay if not used elsewhere: HIS 3445, 3448, 3496.

Degree Requirements

GENERAL ENGINEERING: NO CONCENTRATION (BS)

131 Credits Minimum, Including 64 Upper Division (UD)

MATHEMATICS REQUIREMENTS

Course	Attributes	Credits
MAT 1234 Calculus I	WKQR	5
MAT 1235 Calculus II	-	5
MAT 1236 Calculus III	-	5
MAT 2401 Linear Algebra	-	3
MAT 3237 Differential Equations	UD	3
SECTION CREDITS REQUIRED		21

SCIENCES REQUIREMENTS

Course	Attributes	Credits
CHM 1211 General Chemistry I	WKFS	5
CSC 1230 Problem Solving & Programming (5)	WKAS	5
CSC 2230 Comptr Programmng for Engineers (5)	WKAS	
PHY 1121 Physics for Sci & Engineering	WKFS	5
PHY 1122 Physics for Sci & Engineering	-	5
PHY 1123 Physics for Sci & Engineering	-	5
SECTION CREDITS REQUIRED		25

ENGINEERING REQUIREMENTS

Course	Attributes	Credits
EE 1210 Intro to Logic System Design	-	5
EE 2726 Electric Circuits I	-	5
EGR 1501 CAD Applications for Engineers	-	1
EGR 1502 Machining and Fabricating	-	1
EGR 1503 Engineering Tools and Systems	-	1
EGR 2200 Engineering Probability & Stats	-	3

EGR 2200 Engineering Probability&Stats	-	3
EGR 3000 Engineering Seminar&Intern Prep	W, UD	1
EGR 3810 Engineering Design	UD	5
EGR 4811 Engineering Senior Design I	W, UD	3
EGR 4812 Engineering Senior Design II	W, UD	3
EGR 4899 ENGR Capstone & Senior Design	W, UD	3
EGR 4941 Engineering Internship Review	UD	1
ME 2891 Statics	-	4
ME 3310 Mechanics of Materials	UD	4
ME 3500 Thermal Science I:Thermodynmc	UD	5
SECTION CREDITS REQUIRED		45

Approved EGR, CPE, or EE Courses (25 Upper Division)	31
Approved EGR, CPE, EE, or UD Non-Engineering Courses	9
MINIMUM TOTAL CREDITS REQUIRED	131

ADDITIONAL REQUIREMENTS AND INFORMATION

- All Engineers required to have Tech Internship (See Catalog)

Degree Requirements

HISTORY: MUSEUM STUDIES TRACK (BA)

71 Credits Minimum, Including 30 Upper Division (UD)

THINKING HISTORICALLY

Course	Attributes	Credits
HIS 1357 The Game of Life: World War II (5)	WKSS	5
HIS 1490 Life & Death in World Cities (5)	WKSS	
HIS 1734 History of the War on Terror (5)	WKSS	
HIS 2491 Origins of Western Science (5)	WKSS	
HIS 2492 The Founding of Modern Science (5)	WKSS	
HIS 2857 Historiography:World Historians	-	3
SECTION CREDITS REQUIRED		8

UNDERSTANDING SYSTEMS IN HISTORY

Course	Attributes	Credits
UCOR 2000 Emergnce of Modrn Global Systm	-	5
HIS 2502 The United States to 1876 (5)	WKSS	5
HIS 2503 The United States Since 1876 (5)	WKSS	
SECTION CREDITS REQUIRED		10

DOING HISTORY

Course	Attributes	Credits
HIS 2881 Careers in History	-	1
HIS 3358 Race Sexuality Religion Europe (3)	W, UD	3
HIS 3495 History of Science Seminar (3)	W, UD	
HIS 3725 Women and Gender in MidEast (3)	W, UD, CUE	
HIS 3767 Religion in China (3)	W, UD	
HIS 3813 History Online (3)	W, UD	
SECTION CREDITS REQUIRED		4

CAPSTONE

Course	Attributes	Credits
HIS 4899 History Capstone	W, UD	3
SECTION CREDITS REQUIRED		3

STRUCTURED ELECTIVES: BEFORE 1800

Course	Attributes	Credits
HIS 2417 Religious Traditions of Asia (5)	WKSS, CUE	5
ASIA 2417 Religious Traditions of Asia (5)	WKSS, CUE	
HIS 3200 Ancient & Medieval Worlds (5)	UD	
HIS 3320 Roman Britain to Elizabeth I (5)	UD	
HIS 3331 Roman Hispania to World Empire (5)	UD	
HIS 3401 Ancient&Medieval Christianity (5)	UD	
THEO 3301 Ancient&Medieval Christianity (5)	UD	
HIS 3402 Reformatn & Modrn Christianity (5)	UD	
THEO 3302 Reformatn & Modrn Christianity (5)	UD	
HIS 3501 Colonial&Revolutionary America (5)	W, UD, WE	
SECTION CREDITS REQUIRED		5

STRUCTURED ELECTIVES: AFTER 1800 (3-5 CR)

Course	Attributes	Credits
HIS 2418 Modern Asian Religions (5)	WE, CUE	3
ASIA 2418 Modern Asian Religions (5)	WE, CUE	
HIS 3435 Marxism:20thCent Theory & Prac (3)	UD	
POL 3435 Marxism:20thCent Theory & Prac (3)	UD	
HIS 3440 War, Peace & World Order (5)	UD, WE	
POL 3440 War, Peace & World Order (5)	UD, WE	
HIS 3446 Life in the Cold War (5)	W, WE	
HIS 3670 Hist of Amer Foreign Relations (5)	W, UD, WE	
POL 3670 Hist of Amer Foreign Relations (5)	W, UD, WE	
SECTION CREDITS REQUIRED		

STRUCTURED ELECTIVES: WORLD REGIONAL SURVEYS

Course	Attributes	Credits	
HIS 3345 Russia and Central Asia (5)	UD	10	
POL 3345 Russia and Central Asia (5)	UD		
HIS 3720 Rise of Islamic Civilization (5)	W, UD, WE, CUE		
HIS 3730 Modern Middle East (5)	UD, WE		
HIS 3750 Latin America (5)	UD, CUE		
SOC 3750 Latin America (5)	UD, CUE		
HIS 3765 Traditional East Asia (5)	W, UD, WE		
ASIA 3765 Traditional East Asia (5)	W, UD, WE		
HIS 3785 East Asian Modernities (5)	W, UD, WE		
ASIA 3785 East Asian Modernities (5)	W, UD, WE		
HIS 3786 Nation City&Identity in China (5)	UD, WE		
ASIA 3786 Nation City&Identity in China (5)	UD, WE		
HIS 3790 History of Africa (5)	UD, WE		
SECTION CREDITS REQUIRED			10

STRUCTURED ELECTIVES: CHRISTIAN PERSPECTIVES IN HIS (3-5 CR)

Course	Attributes	Credits
HIS 3382 Crusades, Jihad&Holy Wars (5)	UD, WE	3
HIS 3387 Christianity in Asia (3)	W, UD	
HIS 3403 Jesus Myth or Son of God (3)	UD	
HIS 3405 Science & The Reformation (5)	UD, WE	
HIS 3406 Christianity in America (5)	UD	
THEO 3303 Christianity in America (5)	UD	
HIS 3444 Humanitarianism (5)	UD, CUE	
HIS 3448 History of Forced Migration (5)	UD, CUE	
HIS 3496 Darwin, Einstein&Reintrp Nature (5)	UD, WE	
SECTION CREDITS REQUIRED		3

MUSEUM STUDIES CORE

Course	Attributes	Credits
HIS 2870 Museum Studies&Public History	-	5
HIS 3600 History of Pacific Northwest (5)	UD, WE	5
HIS 4600 Pacific Northwest Sen Tutorial (5)	UD	
HIS 3871 Archives: Theory&Practice (3)	UD	3
HIS 3872 Museum Education (3)	UD	
HIS 4949 Applied History Internship	UD	3
SECTION CREDITS REQUIRED		16

MUSEUM STUDIES ELECTIVES*

Course	Attributes	Credits
ART 3606 Cross-Cultural Encounters (5)	W, UD, WE, CUE	5
ART 3608 Issues:Contemptry Art&Vis Cultr (5)	W, UD, WE, CUE	
ART 3611 Readng Images:Intro Visl Study (3)	W, UD	
BUS 3670 Management Non-Profit Sector (5)	UD	
HIS 3100 Ancient Civilization (5)	UD	
CLA 3100 Ancient Civilization (5)	UD	
HIS 3170 Classical Civilization (5)	UD	
CLA 3170 Classical Civilization (5)	UD	
HIS 3366 Holocaust in Prague:Jewish Exp (5)	UD, WE, CUE	
HIS 4905 Museum Appreciation/Encounter (1-5)	UD	
HIS 4930 Mentoring Practicum (1-5)	UD	
SECTION CREDITS REQUIRED		
MINIMUM TOTAL CREDITS REQUIRED		71

ADDITIONAL REQUIREMENTS AND INFORMATION

- Additional credits (0-4) if needed to reach 71 CR

Degree Requirements

GENERAL ENGINEERING: APPROPRIATE & SUSTAINABLE ENG (BS)

131 Credits Minimum, Including 64 Upper Division (UD)

MATHEMATICS REQUIREMENTS

Course	Attributes	Credits
MAT 1234 Calculus I	WKQR	5
MAT 1235 Calculus II	-	5
MAT 1236 Calculus III	-	5
MAT 2401 Linear Algebra	-	3
MAT 3237 Differential Equations	UD	3
MAT 3238 Vector Calculus	UD	3
SECTION CREDITS REQUIRED		24

SCIENCE REQUIREMENTS

Course	Attributes	Credits
CHM 1211 General Chemistry I	WKFS	5
CSC 1230 Problem Solving & Programming (5) CSC 2230 Comptr Programmng for Engineers (5)	WKAS WKAS	5
PHY 1121 Physics for Sci & Engineering	WKFS	5
PHY 1122 Physics for Sci & Engineering	-	5
PHY 1123 Physics for Sci & Engineering	-	5
SECTION CREDITS REQUIRED		25

ENGINEERING REQUIREMENTS

Course	Attributes	Credits
EE 2726 Electric Circuits I	-	5
EGR 1501 CAD Applications for Engineers	-	1
EGR 1502 Machining and Fabricating	-	1
EGR 1503 Engineering Tools and Systems	-	1
EGR 2200 Engineering Probability & Stats	-	3

EGR 2200 Engineering Probability&Stats	-	3
EGR 3000 Engineering Semnr&Intern Prep	W, UD	1
EGR 3611 ASE I:Alternative Energy Systm	UD	5
EGR 3612 Apprpriate&Sustanable Engrn II	UD	4
EGR 3614 Apprpriate&Sustanable Engrn III	UD	4
EGR 3810 Engineering Design	UD	5
EGR 4811 Engineering Senior Design I	W, UD	3
EGR 4812 Engineering Senior Design II	W, UD	3
EGR 4899 ENGR Capstone & Senior Design	W, UD	3
EGR 4941 Engineering Internship Review	UD	1
ME 2891 Statics	-	4
ME 3310 Mechanics of Materials	UD	4
ME 3400 Dynamics	UD	5
ME 3500 Thermal Science I:Thermodynmc	UD	5
ME 3501 Thermal Science II: Fluid Mech	UD	5
ME 3502 Thermal Science III: Heat Trfr	UD	5
ME 4410 Mechanical Design	UD	3
ME 4910 WA State FE Preparation	UD	1
SECTION CREDITS REQUIRED		72

TECHNICAL ELECTIVES*

Course	Attributes	Credits
CPE 3280 Microcontroller System Design (5)	UD	
EE 3280 Microcontroller System Design (5)	UD	
CPE 3350 Operating Systems Programming (3)	UD	
CPE 3550 Communication System Analysis (5)	UD	
CPE 3760 Computer Orgnztn & Assem Lang (5)	UD	
EE 3760 Computer Orgnztn & Assem Lang (5)	UD	
CPE 4151 Software Engineering I (3)	UD	
CPE 4152 Software Engineering II (3)	UD	
CPE 4350 Advanced Operating Systems (3)	UD	
CPE 4760 Advanced Computer Architecture (5)	UD	
EE 2727 Electric Circuits II (4)	-	
EE 3028 Electric Circuits III (4)	UD	
EE 3315 Electricity and Magnetism I (3)	UD	
EE 3410 Signal & System Analysis (5)	UD	
EE 3500 Introduction to Power Systems (5)	UD	

EE 3510 Power Electronics Fundamentals (5)	UD	
EE 3550 Communication System Analysis (5)	UD	
EE 3721 Elec I Analog Devices & Circ (5)	UD	
EE 3722 Elec II Analog Electronics (5)	UD	
EE 4311 Optics and Lasers (5)	UD	
EE 4410 Embedded and Fixed Point DSP (3)	UD	2
EE 4450 Control System Design (5)	UD	
EGR 4450 Control Systems Design (5)	UD	
EE 4560 Wireless Communication Systems (3)	UD	
EE 4960 Senior Project (1-5)	UD	
EGR 3211 Acoustics (5)	UD	
EGR 3311 Experimental Methods I (3)	W, UD	
PHY 3311 Experimental Methods I (3)	WKAS, W, UD	
EGR 3312 Experimental Methods II (3)	W, UD	
PHY 3312 Experimental Methods II (3)	WKAS, W, UD	
EGR 3313 Experimental Methods III (3)	W, UD	
PHY 3313 Experimental Methods III (3)	W, UD	
EGR 3800 Biomedical Engineering I (1-5)	UD	
EGR 4610 Systems Design (4)	UD	
EGR 4615 Engineering Project Management (3)	UD	
EGR 4900 Independnt Stdy in Engineering (1-5)	UD	
EGR 4930 Practicum (1-5)	UD	
EGR 4950 Topics:General Engineering (1-5)	UD	
EGR 4960 Senior Project (1-5)	UD	
EGR 4970 Research (1-5)	UD	
ME 3300 Properties of Materials (3)	UD	
ME 3430 System Dynamics (5)	UD	
SECTION CREDITS REQUIRED		2

ENVIRONMENTAL/SOCIETAL/THEOLOGICAL (OR APPROVED) ELECTIVES*

Course	Attributes	Credits
BIO 3310 Ecology (5)	W, UD	
BIO 3351 General Microbiology (5)	UD	
BUS 3682 Social Venture Planning (2)	UD	
CHM 1330 Survey of Organic Chemistry (5)	-	
BUS 4899 Business Ethics (5)	W, UD	
ECN 2101 Principles of Microeconomics (5)	WKSS	
ECN 2102 Principles of Macroeconomics (5)	WKSS	
ECN 4310 International Political Economy (5)	UD	
POL 3320 Pol & Econ Developmt of Nations (5)	W, UD	8
SOC 3215 Soc Inequality:Power & Prvlge (5)	UD, CUE	
THEO 2620 Intro to Global & Urban Mnstry (5)	CUE	
THEO 3601 Multi-Ethnic Ministry (3)	UD, CUE	
THEO 3610 Living in Another Culture (3)	UD	
THEO 3640 Cross-Cultural Ministry (3)	UD, CUE	
THEO 4602 Latin American Christianity (3)	UD, CUE	
THEO 4603 Asian/African Christianity (3)	UD, CUE	
THEO 4610 World Religions (3)	UD	
THEO 4620 Islamic Ministry (3)	W, UD	

THEO 3630 <u>HOISTIC MINISTRY</u> (3)	w, UD	
SECTION CREDITS REQUIRED		8
MINIMUM TOTAL CREDITS REQUIRED		131

ADDITIONAL REQUIREMENTS AND INFORMATION

- *Cumulative max of 5-CR from EGR 4930, 4960, and 4970
- All Engineers required to have Tech Internship (See Catalog)

Degree Requirements

SPANISH STUDIES (BA)

56 Credits Minimum, Including 25 Upper Division (UD)

BASE COURSES

Course	Attributes	Credits
SPN 2101 Intermediate Spanish I	WKH	5
SPN 2102 Intermediate Spanish II	WKH	5
SPN 2103 Intermediate Spanish III	WKH	5
SPN 3101 Advanced Spanish	UD	5
SPN 3110 Composicion y conversacion	UD	5
SECTION CREDITS REQUIRED		25

SPANISH AND LATIN AMERICAN LITERATURE

Course	Attributes	Credits
SPN 4105 Literature Survey:Golden Age (5)	W, UD	10
SPN 4401 Topics in Spanish Literature (5)	W, UD	
SPN 4501 Topics in Latin American Lit (5)	W, UD	
SECTION CREDITS REQUIRED		10

CAPSTONE

Course	Attributes	Credits
SPN 4899 Latin American Capstone Seminar	W, UD	3
SECTION CREDITS REQUIRED		3

HISTORY

Course	Attributes	Credits
HIS 3750 Latin America (5)	UD, CUE	5
SPN 3120 Civilizacion y Cultura (5)	UD	
SECTION CREDITS REQUIRED		5

STUDY ABROAD (AN APPROVED ALTERNATIVE MAY REPLACE THESE)

Course	Attributes	Credits
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LCL 3000 Study Abroad Orientation (3)	UD	8
LCL 3500 Cultural Study Abroad (3-8)	UD, WE, CUE	
SECTION CREDITS REQUIRED		8

ELECTIVES

Course	Attributes	Credits
GDEV 2000 Intro to Global Development (5)	-	5
HIS 3331 Roman Hispania to World Empire (5)	UD	
LCL 4254 Translation (3)	UD	
LIN 2100 Foundations of Language Study (5)	WKH	
SPN 2201 Latin Amer Civilzatr & Culture (5)	WKH	
SPN 3111 Spanish for Christian Ministry (3)	UD	
SPN 4920 Independent Readings Spanish (1-5)	UD	
SPN 4930 Spanish Tutorial Practicum (1-6)	UD	
SPN 4940 Internship (1-10)	UD	
THEO 4602 Latin American Christianity (3)	UD, CUE	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		56

ADDITIONAL REQUIREMENTS AND INFORMATION

- Senior paper (in conjunction with Capstone)
- Proficiency (i.e., minimum of a B- in SPN 3110)
- Standardized Oral Proficiency Exam (or approved equivalent)
- 18 credits must be in UD courses that are taught in Spanish

Degree Requirements

GENERAL ENGINEERING MINOR

53 Credits Minimum, Including 26 Upper Division (UD)

REQUIRED COURSES

Course	Attributes	Credits
EGR 1501 CAD Applications for Engineers	-	1
EGR 1502 Machining and Fabricating	-	1
EGR 1503 Engineering Tools and Systems	-	1
ME 2891 Statics	-	4
ME 3310 Mechanics of Materials	UD	4
ME 3400 Dynamics	UD	5
ME 3500 Thermal Science I: Thermodynamics	UD	5
ME 3501 Thermal Science II: Fluid Mech	UD	5
PHY 1121 Physics for Sci & Engineering	WKFS	5
PHY 1122 Physics for Sci & Engineering	-	5
MAT 1234 Calculus I	WKQR	5
MAT 1235 Calculus II	-	5
MAT 3238 Vector Calculus	UD	3
SECTION CREDITS REQUIRED		49

Tech Electives: Any UD-EGR-CR except Jr/Sr Design Sequence	4
MINIMUM TOTAL CREDITS REQUIRED	53

Degree Requirements

SPANISH STUDIES MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

BASE COURSES

Course	Attributes	Credits
SPN 2101 Intermediate Spanish I	WKH	5
SPN 2102 Intermediate Spanish II	WKH	5
SPN 2103 Intermediate Spanish III	WKH	5
SPN 3101 Advanced Spanish	UD	5
SPN 3110 Composicion y conversacion	UD	5
SECTION CREDITS REQUIRED		25

ELECTIVES

Course	Attributes	Credits
HIS 3331 Roman Hispania to World Empire (5)	UD	
HIS 3750 Latin America (5)	UD, CUE	
LCL 3500 Cultural Study Abroad (3-8)	UD, WE, CUE	
LCL 4254 Translation (3)	UD	
SPN 3111 Spanish for Christian Ministry (3)	UD	
SPN 3120 Civilizacion y Cultura (5)	UD	
SPN 4105 Literature Survey:Golden Age (5)	W, UD	5
SPN 4401 Topics in Spanish Literature (5)	W, UD	
SPN 4501 Topics in Latin American Lit (5)	W, UD	
SPN 4920 Independent Readings Spanish (1-5)	UD	
SPN 4930 Spanish Tutorial Practicum (1-6)	UD	
SPN 4940 Internship (1-10)	UD	
THEO 4602 Latin American Christianity (3)	UD, CUE	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

PHYSICAL SCIENCES: 3/2 PROGRAM (BA)

51 Credits Minimum, Including 23 Upper Division (UD)

NATURAL SCIENCE

Course	Attributes	Credits
PHY 1121 Physics for Sci & Engineering	WKFS	5
PHY 1122 Physics for Sci & Engineering	-	5
CHM 1211 General Chemistry I	WKFS	5
PHY 1123 Physics for Sci & Engineering (5) CHM 1212 General Chemistry II (5)	- -	5
SECTION CREDITS REQUIRED		20

MATHEMATICS

Course	Attributes	Credits
MAT 1234 Calculus I	WKQR	5
MAT 1235 Calculus II	-	5
MAT 1236 Calculus III	-	5
MAT 3237 Differential Equations	UD	3
SECTION CREDITS REQUIRED		18

ENGINEERING SCIENCE PART 1

Course	Attributes	Credits
CSC 1230 Problem Solving & Programming (5) CSC 2230 Comptr Programmng for Engineers (5)	WKAS WKAS	5
SECTION CREDITS REQUIRED		5

ENGINEERING SCIENCE PART 2

Course	Attributes	Credits
CHM 3371 Organic Chemistry I (5) EE 2726 Electric Circuits I (5) ME 2891 Statics (4) ME 3310 Mechanics of Materials (4)	UD - - UD	8
ME 3500 Thermal Fluids (5)	UD	

ME 3500 Thermal Science I: Thermodynamics (5)	UD	
SECTION CREDITS REQUIRED	8	
MINIMUM TOTAL CREDITS REQUIRED	51	

ADDITIONAL REQUIREMENTS AND INFORMATION

- Minimum 3cr UD at SPU; add'tl 20cr UD transfer back

Degree Requirements

ELECTRICAL ENGINEERING MINOR

52 Credits Minimum, Including 18 Upper Division (UD)

EE CORE REQUIREMENTS

Course	Attributes	Credits
CSC 1230 Problem Solving & Programming	WKAS	5
MAT 1234 Calculus I (5)	WKQR	18
MAT 1235 Calculus II (5)	-	
MAT 1236 Calculus III (5)	-	
MAT 3237 Differential Equations (3)	UD	
EE 3410 Signal & System Analysis (5)	UD	5
EE 3550 Communication System Analysis (5)	UD	
EE 1210 Intro to Logic System Design	-	5
EE 2726 Electric Circuits I	-	5
EE 2727 Electric Circuits II (4)	-	4
EE 2728 Electric Circuits II (5)	-	
SECTION CREDITS REQUIRED		42

ELECTIVES*

Course	Attributes	Credits
EE 3028 Electric Circuits III (4)	UD	10
EE 3280 Microcontroller System Design (5)	UD	
EE 3315 Electricity and Magnetism I (3)	UD	
EE 3500 Introduction to Power Systems (5)	UD	
EE 3510 Power Electronics Fundamentals (5)	UD	
EE 3721 Elec I Analog Devices & Circ (5)	UD	
EE 3721L Elec I Analog Devices&Circ Lab ()	-	
EE 3722 Elec II Analog Electronics (5)	UD	
EE 3722L Elec II Analog Electroncs Lab ()	-	
EE 3760 Computer Orgnztn & Assem Lang (5)	UD	
EE 4311 Optics and Lasers (5)	UD	
EE 4410 Embedded and Fixed Point DSP (3)	UD	
EE 4450 Control System Design (5)	UD	
EE 4560 Wireless Communication Systems (3)	UD	
EE 4960 Senior Project (1-5)	UD	
SECTION CREDITS REQUIRED		

MINIMUM TOTAL CREDITS REQUIRED

52

ADDITIONAL REQUIREMENTS AND INFORMATION

- *EE 3410 & 3550 can apply to Electives if not used in Core
- *Can apply a maximum of 5 credits for EE 4960 to Electives

Degree Requirements

HISTORY: GENERAL TRACK (BA)

60 Credits Minimum, Including 30 Upper Division (UD)

THINKING HISTORICALLY

Course	Attributes	Credits
HIS 2857 Historiography: World Historians	-	3
HIS 1357 The Game of Life: World War II (5)	WKSS	5
HIS 1490 Life & Death in World Cities (5)	WKSS	
HIS 1734 History of the War on Terror (5)	WKSS	
HIS 2491 Origins of Western Science (5)	WKSS	
HIS 2492 The Founding of Modern Science (5)	WKSS	
SECTION CREDITS REQUIRED		8

UNDERSTANDING SYSTEMS IN HISTORY

Course	Attributes	Credits
UCOR 2000 Emergence of Modern Global System	-	5
HIS 2502 The United States to 1876 (5)	WKSS	5
HIS 2503 The United States Since 1876 (5)	WKSS	
SECTION CREDITS REQUIRED		10

DOING HISTORY*

Course	Attributes	Credits
HIS 2881 Careers in History	-	1
HIS 3358 Race Sexuality Religion Europe (3)	W, UD	3
HIS 3495 History of Science Seminar (3)	W, UD	
HIS 3725 Women and Gender in MidEast (3)	W, UD, CUE	
HIS 3767 Religion in China (3)	W, UD	
HIS 3813 History Online (3)	W, UD	
SECTION CREDITS REQUIRED		4

CAPSTONE

Course	Attributes	Credits
HIS 4899 History Capstone	W, UD	3
SECTION CREDITS REQUIRED		3

STRUCTURED ELECTIVES: BEFORE 1800**

Course	Attributes	Credits
ASIA 2417 Religious Traditions of Asia (5)	WKSS, CUE	5
HIS 2417 Religious Traditions of Asia (5)	WKSS, CUE	
CLA 3100 Ancient Civilization (5)	UD	
HIS 3100 Ancient Civilization (5)	UD	
CLA 3170 Classical Civilization (5)	UD	
HIS 3170 Classical Civilization (5)	UD	
HIS 3200 Ancient & Medieval Worlds (5)	UD	
HIS 3320 Roman Britain to Elizabeth I (5)	UD	
HIS 3331 Roman Hispania to World Empire (5)	UD	
HIS 3401 Ancient&Medieval Christianity (5)	UD	
THEO 3301 Ancient&Medieval Christianity (5)	UD	
HIS 3402 Reformatn & Modrn Christianity (5)	UD	
THEO 3302 Reformatn & Modrn Christianity (5)	UD	
HIS 3501 Colonial&Revolutionary America (5)	W, UD, WE	
SECTION CREDITS REQUIRED		5

STRUCTURED ELECTIVES: AFTER 1800***

Course	Attributes	Credits
ASIA 2418 Modern Asian Religions (5)	WE, CUE	3
HIS 2418 Modern Asian Religions (5)	WE, CUE	
HIS 3366 Holocaust in Prague:Jewish Exp (5)	UD, WE, CUE	
HIS 3435 Marxism:20thCent Theory & Prac (3)	UD	
POL 3435 Marxism:20thCent Theory & Prac (3)	UD	
HIS 3440 War, Peace & World Order (5)	UD, WE	
POL 3440 War, Peace & World Order (5)	UD, WE	
HIS 3446 Life in the Cold War (5)	W, WE	
HIS 3600 History of Pacific Northwest (5)	UD, WE	
HIS 3670 Hist of Amer Foreign Relations (5)	W, UD, WE	
POL 3670 Hist of Amer Foreign Relations (5)	W, UD, WE	
SECTION CREDITS REQUIRED		3

STRUCTURED ELECTIVES: WORLD REGIONAL SURVEYS****

Course	Attributes	Credits
HIS 3345 Russia and Central Asia (5)	UD	10
POL 3345 Russia and Central Asia (5)	UD	
HIS 3720 Rise of Islamic Civilization (5)	W, UD, WE, CUE	
HIS 3750 Latin America (5)	UD, CUE	
SOC 3750 Latin America (5)	UD, CUE	
HIS 3765 Traditional East Asia (5)	W, UD, WE	
ASIA 3765 Traditional East Asia (5)	W, UD, WE	
HIS 3730 Modern Middle East (5)	UD, WE	
HIS 3785 East Asian Modernities (5)	W, UD, WE	

ASIA 3785 East Asian Modernities (5)	W, UD, WE	
HIS 3786 Nation City&Identity in China (5)	UD, WE	
ASIA 3786 Nation City&Identity in China (5)	UD, WE	
HIS 3790 History of Africa (5)	UD, WE	
SECTION CREDITS REQUIRED		10

STRUCTURED ELECTIVES: CHRISTIAN PERSPECTIVE ON PROBLEMS*****

Course	Attributes	Credits
HIS 3382 Crusades,Jihad&Holy Wars (5)	UD, WE	
HIS 3387 Christianity in Asia (3)	W, UD	
HIS 3403 Jesus Myth or Son of God (3)	UD	
HIS 3405 Science & The Reformation (5)	UD, WE	
THEO 3305 Science & The Reformation (5)	UD, WE	
HIS 3406 Christianity in America (5)	UD	3
THEO 3303 Christianity in America (5)	UD	
HIS 3444 Humanitarianism (5)	UD, CUE	
HIS 3445 Genocide: A Comparative Study (5)	UD, CUE	
HIS 3448 History of Forced Migration (5)	UD, CUE	
HIS 3496 Darwin,Einstein&Reintrp Nature (5)	UD, WE	
SECTION CREDITS REQUIRED		3

GENERAL HIS ELECTIVES TO REACH 60 TOTAL, 30 UD CREDITS*****

Course	Attributes	Credits
HIS 2870 Museum Studies&Public History (5)	-	
HIS 3861 Presenting History (2)	UD	
HIS 4905 Museum Appreciation/Encounter (1-5)	UD	10
HIS 4940 History Internship (1-15)	UD	
HIS 4970 Independent Research (1-5)	UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		60

ADDITIONAL REQUIREMENTS AND INFORMATION

- Courses may count only in ONE area
- *OK if not used elsewhere: HIS 3861, 4940, 4970
- **OK if not used elsewhere: ASIA 3785, HIS 3403, 3405, 3720
- **OK if not used elsewhere: HIS 3765, 3382, THEO 3405
- ***OK if not used elsewhere: ASIA 3785, 3786, HIS 3345, 3406
- ***OK if not used elsewhere: HIS 3444, 3445, 3448, 3496
- ***OK if not used elsewhere: HIS 3730, 3750, 3785, 3786
- ***OK if not used elsewhere: HIS 3790, THEO 3303
- ****OK if not used elsewhere: ASIA 2417, 2418, HIS 2417

- ****OK if not used elsewhere: HIS 2418, 3387
- *****OK if not used elsewhere: HIS 3401, 3402, 3366
- *****OK if not used elsewhere: THEO 3301, 3302
- *****Any unused HIS courses

Degree Requirements

FAMILY AND CONSUMER SCIENCES SECONDARY EDUCATION (BA)

68 Credits Minimum, Including 25 Upper Division (UD)

FAMILY AND CONSUMER SCIENCES CORE

Course	Attributes	Credits
FCS 1050 Introduction to FCS	-	2
FCS 3240 Individual & Family Developmnt	UD	5
FCS 4899 FCS Senior Capstone	UD	3
SECTION CREDITS REQUIRED		10

FAMILY AND CONSUMER SCIENCES SECONDARY EDUCATION CORE

Course	Attributes	Credits
CHM 1100 Introduction to Chemistry (5)	WKFS	5
CHM 1211 General Chemistry I (5)	WKFS	
CHM 1310 Survey of General Chemistry (5)	WKFS	
FCS 1840 Basic Clothing Construction	-	5
FCS 2365 Food Science	-	5
FCS 2385 Food & the Consumer	WE	5
FCS 2702 Foundations of Interior Design	-	3
FCS 3280 Children and Families	UD, CUE	5
FCS 3365 Nutrition and Meal Planning	UD	5
FCS 3410 Personal Finance	UD	4
FCS 3710 Housing and Community	W, UD	5
FCS 2820 Intro to the Fashion Industry (5)	-	3
FCS 3875 Appearance and Culture (3)	W, UD	
FCS 4280 Global Work and Family	UD	5
FCS 4510 Commncatng Family&Consumer Sci	UD	5
HSC 3035 Human Sexuality (3)	UD, WE	3
SOC 4252 Sociology of Family (5)	UD	
SECTION CREDITS REQUIRED		58

MINIMUM TOTAL CREDITS REQUIRED

68

Degree Requirements

SPANISH HERITAGE MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

LOWER-DIVISION COURSES*

Course	Attributes	Credits
SPN 2111 Intrmed SPN I-Heritage Speakrs (5)	WKH	15
SPN 2112 Intrmed SPN 2-Heritage Speakrs (5)	WKH	
SPN 2113 Intrmed SPN 3-Heritage Speakrs (5)	WKH	
UCOL 1000 University Colloquium (1)	-	
UCOR 2000 Emergnce of Modrn Global System (5)	-	
WRI 1100 Disciplinary Research&Wrtg Sem (5)	WRID	
SECTION CREDITS REQUIRED		15

UPPER-DIVISION COURSES**

Course	Attributes	Credits	
HIS 3331 Roman Hispania to World Empire (5)	UD	15	
HIS 3750 Latin America (5)	UD, CUE		
SOC 3750 Latin America (5)	UD, CUE		
LCL 3500 Cultural Study Abroad (3-8)	UD, WE, CUE		
SPN 3101 Advanced Spanish (5)	UD		
SPN 3110 Composicion y conversacion (5)	UD		
SPN 3111 Spanish for Christian Ministry (3)	UD		
SPN 3120 Civilizacion y Cultura (5)	UD		
SPN 4105 Literature Survey:Golden Age (5)	W, UD		
SPN 4401 Topics in Spanish Literature (5)	W, UD		
SPN 4501 Topics in Latin American Lit (5)	W, UD		
SPN 4899 Latin American Capstone Semnr (3)	W, UD		
SPN 4920 Independent Readings Spanish (1-5)	UD		
SPN 4930 Spanish Tutorial Practicum (1-6)	UD		
SPN 4940 Internship (1-10)	UD		
THEO 4930 Practicum (1-5)	UD		
UFDN 3100 Christian Theology (5)	UD		
SECTION CREDITS REQUIRED			15
MINIMUM TOTAL CREDITS REQUIRED			30

ADDITIONAL REQUIREMENTS AND INFORMATION

- *Sections must be designated for Spanish Heritage Speakers

**UD courses may replace LD courses, but not vice versa

- **UD courses may replace LD courses, but not vice-versa
- **Study Abroad must take place in a Spanish-speaking country
- **UFDN 3100 must be taught in Spanish or with SPN readings

Degree Requirements

APPAREL DESIGN AND MERCHANDISING MINOR

33 Credits Minimum, Including 15 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
FCS 1840 Basic Clothing Construction	-	5
FCS 2820 Intro to the Fashion Industry	-	5
FCS 3830 Textiles	UD	5
FCS 3840 Flat Pattern Design	UD	5
FCS 3870 History of Costume	W, UD	5
FCS 3875 Appearance and Culture	W, UD	3
SECTION CREDITS REQUIRED		28

ELECTIVE COURSES

Course	Attributes	Credits
FCS 2110 Fashion Illustration (3)	-	
FCS 3822 Retail Merchandising (5)	UD	
FCS 3842 Apparel Productn & Evaluation (5)	UD	5
FCS 4822 Apparel Design & Merchandising (2)	UD	
FCS 4843 CAD for Apparel Design (5)	UD	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		33

Degree Requirements

HUMAN DEVELOPMENT & FAMILY STUDIES (BA)

71 Credits Minimum, Including 25 Upper Division (UD)

FAMILY AND CONSUMER SCIENCES CORE

Course	Attributes	Credits
FCS 1050 Introduction to FCS	-	2
FCS 3240 Individual & Family Developmnt	UD	5
FCS 4899 FCS Senior Capstone	UD	3
SECTION CREDITS REQUIRED		10

HUMAN DEVELOPMENT & FAMILY STUDIES CORE

Course	Attributes	Credits
COM 1101 Intro to Interpersonal Commun	WKH	5
FCS 2385 Food & the Consumer (5) FCS 3340 Human Nutrition (5)	WE UD	5
FCS 3280 Children and Families	UD, CUE	5
FCS 3321 Nutrition through Life Cycle	UD	3
FCS 3410 Personal Finance	UD	4
FCS 3710 Housing and Community	W, UD	5
FCS 3875 Appearance and Culture	W, UD	3
FCS 4280 Global Work and Family	UD	5
FCS 4470 Careers in Human Services	UD	1
FCS 4510 Commncatng Family&Consumer Sci	UD	5
FCS 4940 Internship	UD	2
HSC 3035 Human Sexuality	UD, WE	3
SOC 4210 Gender in the Global Context (5) SOC 4252 Sociology of Family (5)	UD, CUE UD	5
SECTION CREDITS REQUIRED		51

HUMAN DEVELOPMENT & FAMILY STUDIES ELECTIVES

Course	Attributes	Credits
FCS 2365 Food Science (5)	-	
FCS 3250 Servg Chldr,Families&Commnties (5)	UD, WE, CUE	
FCS 3365 Nutrition and Meal Planning (5)	UD	
FCS 3716 Affordable Housing (5)	UD, WE	10
SOC 3105 Community Development (5)	UD	
SOC 3320 Homelessness in America (5)	UD	
SOC 3862 Race and Ethnicity (5)	UD, CUE	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		71

Degree Requirements

APPAREL MERCHANDISING (BA)

85 Credits Minimum, Including 25 Upper Division (UD)

FAMILY AND CONSUMER SCIENCES CORE

Course	Attributes	Credits
FCS 1050 Introduction to FCS	-	2
FCS 3240 Individual & Family Developmnt	UD	5
FCS 4899 FCS Senior Capstone	UD	3
SECTION CREDITS REQUIRED		10

APPAREL DESIGN & MERCHANDISING CORE

Course	Attributes	Credits
FCS 1840 Basic Clothing Construction	-	5
FCS 2820 Intro to the Fashion Industry	-	5
FCS 3830 Textiles	UD	5
FCS 3840 Flat Pattern Design	UD	5
FCS 3842 Apparel Productn & Evaluation	UD	5
FCS 3870 History of Costume	W, UD	5
FCS 3875 Appearance and Culture	W, UD	3
FCS 3890 Global Sourcing and Production	UD, CUE	5
FCS 4822 Apparel Design & Merchandising	UD	2
SECTION CREDITS REQUIRED		40

FASHION MERCHANDISING EMPHASIS

Course	Attributes	Credits
FCS 2890 Visual Merchandising	-	5
FCS 3822 Retail Merchandising	UD	5
FCS 3825 Retail Buying and Management	UD	5
FCS 3892 Omnichannel Retailing	UD	5

ACCT 2361 Financial Accounting	-	5
BUS 3828 International Business	UD	5
ECN 2101 Principles of Microeconomics (5)	WKSS	5
ECN 2102 Principles of Macroeconomics (5)	WKSS	
SECTION CREDITS REQUIRED		35
MINIMUM TOTAL CREDITS REQUIRED		85

ADDITIONAL REQUIREMENTS AND INFORMATION

- Spreadsheet Competency Requirement

Degree Requirements

APPAREL DESIGN (BA)

78 Credits Minimum, Including 25 Upper Division (UD)

FAMILY AND CONSUMER SCIENCES CORE

Course	Attributes	Credits
FCS 1050 Introduction to FCS	-	2
FCS 3240 Individual & Family Developmnt	UD	5
FCS 4899 FCS Senior Capstone	UD	3
SECTION CREDITS REQUIRED		10

APPAREL DESIGN & MERCHANDISING CORE

Course	Attributes	Credits
FCS 1840 Basic Clothing Construction	-	5
FCS 2820 Intro to the Fashion Industry	-	5
FCS 3830 Textiles	UD	5
FCS 3840 Flat Pattern Design	UD	5
FCS 3842 Apparel Productn & Evaluation	UD	5
FCS 3870 History of Costume	W, UD	5
FCS 3875 Appearance and Culture	W, UD	3
FCS 3890 Global Sourcing and Production	UD, CUE	5
FCS 4822 Apparel Design & Merchandising	UD	2
SECTION CREDITS REQUIRED		40

APPAREL DESIGN EMPHASIS

Course	Attributes	Credits
ART 1102 Drawng Studio:Observtn&Realism	WKA	5
ART 3113 Drawing Studio: Beginnng Figure	UD	5
FCS 2110 Fashion Illustration	-	3
FCS 4843 CAD for Apparel Design	UD	5

FCS 4840 Apparel Design through Draping	UD	5
FCS 4846 CAD for Apparel Portfolio	UD	5
SECTION CREDITS REQUIRED		28
MINIMUM TOTAL CREDITS REQUIRED		78

ADDITIONAL REQUIREMENTS AND INFORMATION

- Spreadsheet Competency Requirement

Degree Requirements

FOOD & NUTRITIONAL SCIENCES: SPORTS & EXERCISE EMPHASIS (BS)

110 Credits Minimum, Including 25 Upper Division (UD)

FAMILY AND CONSUMER SCIENCES CORE

Course	Attributes	Credits
FCS 1050 Introduction to FCS	-	2
FCS 3240 Individual & Family Developmnt	UD	5
FCS 4899 FCS Senior Capstone	UD	3
SECTION CREDITS REQUIRED		10

FOOD AND NUTRITIONAL SCIENCES CORE

Course	Attributes	Credits
FCS 2365 Food Science	-	5
FCS 3321 Nutrition through Life Cycle	UD	3
FCS 3340 Human Nutrition	UD	5
FCS 3352 Nutrition Education&Counseling	UD	5
FCS 3365 Nutrition and Meal Planning	UD	5
FCS 4330 Advanced Nutrition&Metabolism	UD	5
FCS 4352 Community Nutrition	UD	3
FCS 4367 Experimental Foods	W, UD	5
FCS 4370 Nutrition Research	W, UD	3
BIO 2129 Human Anatomy & Physiology (5) BIO 2130 Human Anatomy & Physiology (5)	WKAS -	10
BIO 3351 General Microbiology	UD	5
MAT 2360 Intro to Stats for Sciences	WKQR	5
SECTION CREDITS REQUIRED		59

CHOOSE ONE OF THE CHEMISTRY GROUPS BELOW:

Course	Attributes	Credits
CHM 1210 Survey of General Chemistry (5)	WKES	

CHM 1310 Survey of General Chemistry (5)	WKFS	15
CHM 1330 Survey of Organic Chemistry (5)	-	
CHM 1360 Survey of Biological Chemistry (5)	-	
- OR -		
CHM 1211 General Chemistry I (5)	WKFS	20
CHM 1212 General Chemistry II (5)	-	
CHM 1330 Survey of Organic Chemistry (5)	-	
CHM 1360 Survey of Biological Chemistry (5)	-	
- OR -		
CHM 1211 General Chemistry I (5)	WKFS	35
CHM 1212 General Chemistry II (5)	-	
CHM 3371 Organic Chemistry I (5)	UD	
CHM 3372 Organic Chemistry II (5)	UD	
CHM 3373 Organic Chemistry III (5)	UD	
CHM 4361 Biochemistry (5)	W, UD	
CHM 4362 Biochemistry (5)	UD	
SECTION CREDITS REQUIRED		15

SPORTS AND EXERCISE SPECIALIZATION

Course	Attributes	Credits
FCS 4310 Sports and Exercise Nutrition	UD	3
FCS 4340 Medical Nutrition Therapy I	UD	5
HHP 1301 Wellness and Physical Activity	-	3
HHP 3570 Biomechanics	UD	5
HHP 3580 Exercise Physiology	UD	5
HHP 4585 Applied Exercise Science	UD	5
SECTION CREDITS REQUIRED		26
MINIMUM TOTAL CREDITS REQUIRED		110

Degree Requirements

SOCIOLOGY MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

SOCIOLOGY MINOR CORE REQUIREMENTS

Course	Attributes	Credits
SOC 1110 Introduction to Sociology	WKSS	5
SOC 2360 Intro to Stats Soc & Behav Sci	WKQR	5
SECTION CREDITS REQUIRED		10

ELECTIVES IN SOCIOLOGY (15 UD CREDITS)

Course	Attributes	Credits
ANT 2250 Cultural Anthropology (5)	WKSS, CUE	20
SOC 2000 Sociology of Gender (5)	-	
SOC 2252 Marriage and the Family (5)	-	
SOC 2351 Living on Margins: Global South (5)	WE	
SOC 2510 Criminology (5)	-	
SOC 2620 Urban Sociology (5)	CUE	
SOC 3105 Community Development (5)	UD	
SOC 3215 Soc Inequality: Power & Privilege (5)	UD, CUE	
SOC 3320 Homelessness in America (5)	UD	
SOC 3370 Sociology of Deviance (5)	UD	
SOC 3372 Explaining Evil (5)	UD, WE	
SOC 3440 Small Group Dynamics (5)	UD	
SOC 3650 Border Crossings: Imm, Refugees (5)	UD	
SOC 3750 Latin America (5)	UD, CUE	
SOC 3862 Race and Ethnicity (5)	UD, CUE	
SOC 4210 Gender in the Global Context (5)	UD, CUE	
SOC 4250 Law, Injustice & Social Change (5)	UD	
SOC 4252 Sociology of Family (5)	UD	
SOC 4440 Social Psychology (5)	UD	
SOC 4620 Sects, Cults & Violence (5)	UD	
SOC 4820 Sociology of Religion (5)	UD	
SOC 4910 Seminar (3)	UD	
SECTION CREDITS REQUIRED		20
MINIMUM TOTAL CREDITS REQUIRED		30

Degree Requirements

HUMAN DEVELOPMENT & FAMILY STUDIES MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
FCS 1050 Introduction to FCS	-	2
FCS 3240 Individual & Family Developmnt	UD	5
FCS 3280 Children and Families	UD, CUE	5
FCS 3875 Appearance and Culture	W, UD	3
FCS 4280 Global Work and Family	UD	5
SECTION CREDITS REQUIRED		20

ELECTIVE COURSES

Course	Attributes	Credits
FCS 1000 Intro to U.S. Popular Culture (5)	-	10
FCS 2365 Food Science (5)	-	
FCS 2385 Food & the Consumer (5)	WE	
FCS 2702 Foundations of Interior Design (3)	-	
FCS 2820 Intro to the Fashion Industry (5)	-	
FCS 3250 Servg Chldr, Families&Commnties (5)	UD, WE, CUE	
FCS 3321 Nutrition through Life Cycle (3)	UD	
FCS 3410 Personal Finance (4)	UD	
FCS 3710 Housing and Community (5)	W, UD	
FCS 3716 Affordable Housing (5)	UD, WE	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		30

WHO WE ARE

Part of the Languages, Cultures, and Linguistics Department, Spanish Studies offers students both a major and a minor. In support of the SPU mission to cultivate graduates of competence and character, the Spanish Studies programs seek to further the linguistic and cultural competence of our students by affording them opportunities for learning in classroom settings and overseas.

OUR MISSION

The mission of the Department of Languages, Cultures, and Linguistics is to produce majors in foreign language with the linguistic, cultural and literary competence, and the Christian character necessary to engage the world and be effective agents of positive change in the world.

LEARNING OUTCOMES

Goal One

To understand and appreciate the rich diversity of world languages and cultures, both ancient and modern.

All foundation courses in European studies and Latin American studies focus on this goal through the content of the individual courses. The major in Classics also focuses on this goal through the course offerings in classical literature and civilization. Since all the courses in the modern and classical languages emphasize the connections between the languages and cultures they express, they have this goal as a focal point as well.

Goal Two

To be a blessing as a stranger in another land and be hospitable to strangers in one's own land.

This goal is emphasized directly in language courses, beginning with the elementary level and continuing through the advanced (upper division) courses. Faculty work on broadening both the student's world view and recognition that while members of all cultures tend to view others from an ethnocentric point of view, all people should strive to refrain from judging others solely in terms of their own culture.

Goal Three

To reach stated levels of language proficiency, as defined by national standards, depending on the student's program in the majors.

This third goal is an essential part of all courses taught in the various languages offered at SPU. The four skills in the modern languages of listening, speaking, reading and writing are integrated with the study of the cultures lived by the members of the language groups. For the classical languages, the skills of reading and writing are integrated with the study of culture.

Degree Requirements

FOOD & NUTRITIONAL SCIENCES: FOOD & NUTRITION EMPHASIS (BS)

89 Credits Minimum, Including 25 Upper Division (UD)

FAMILY AND CONSUMER SCIENCES CORE

Course	Attributes	Credits
FCS 1050 Introduction to FCS	-	2
FCS 3240 Individual & Family Developmnt	UD	5
FCS 4899 FCS Senior Capstone	UD	3
SECTION CREDITS REQUIRED		10

FOOD AND NUTRITIONAL SCIENCES CORE

Course	Attributes	Credits
FCS 2365 Food Science	-	5
FCS 3321 Nutrition through Life Cycle	UD	3
FCS 3340 Human Nutrition	UD	5
FCS 3352 Nutrition Education&Counseling	UD	5
FCS 3365 Nutrition and Meal Planning	UD	5
FCS 4330 Advanced Nutrition&Metabolism	UD	5
FCS 4352 Community Nutrition	UD	3
FCS 4367 Experimental Foods	W, UD	5
FCS 4370 Nutrition Research	W, UD	3
BIO 2129 Human Anatomy & Physiology (5) BIO 2130 Human Anatomy & Physiology (5)	WKAS -	10
BIO 3351 General Microbiology	UD	5
MAT 2360 Intro to Stats for Sciences	WKQR	5
SECTION CREDITS REQUIRED		59

CHOOSE ONE OF THE CHEMISTRY GROUPS BELOW:

Course	Attributes	Credits
CHM 1210 Survey of General Chemistry (5)	WKES	

CHM 1310 Survey of General Chemistry (5)	WKFS	15
CHM 1330 Survey of Organic Chemistry (5)	-	
CHM 1360 Survey of Biological Chemistry (5)	-	
- OR -		
CHM 1211 General Chemistry I (5)	WKFS	20
CHM 1212 General Chemistry II (5)	-	
CHM 1330 Survey of Organic Chemistry (5)	-	
CHM 1360 Survey of Biological Chemistry (5)	-	
- OR -		
CHM 1211 General Chemistry I (5)	WKFS	35
CHM 1212 General Chemistry II (5)	-	
CHM 3371 Organic Chemistry I (5)	UD	
CHM 3372 Organic Chemistry II (5)	UD	
CHM 3373 Organic Chemistry III (5)	UD	
CHM 4361 Biochemistry (5)	W, UD	
CHM 4362 Biochemistry (5)	UD	
SECTION CREDITS REQUIRED		15

FOOD AND NUTRITION SPECIALIZATION

Course	Attributes	Credits
FCS 2375 Food Production & Management	-	5
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		89

Degree Requirements

SOCIOLOGY (BA)

53 Credits Minimum, Including 25 Upper Division (UD)

REQUIRED CORE COURSES

Course	Attributes	Credits
SOC 1110 Introduction to Sociology (5) ANT 2250 Cultural Anthropology (5)	WKSS WKSS, CUE	5
SOC 2360 Intro to Stats Soc & Behav Sci	WKQR	5
SOC 3751 Intro to Research Methods	W, UD	5
SOC 4702 Classical Sociological Theory	W, UD	5
SOC 4899 Sociology Capstone Seminar	UD	3
SECTION CREDITS REQUIRED		23

ELECTIVES (INCLUDING 12-UD-CREDITS)

Course	Attributes	Credits
SOC 2000 Sociology of Gender (5)	-	30
SOC 2252 Marriage and the Family (5)	-	
SOC 2351 Living on Margins: Global South (5)	WE	
SOC 2510 Criminology (5)	-	
SOC 2620 Urban Sociology (5)	CUE	
SOC 3105 Community Development (5)	UD	
SOC 3215 Soc Inequality:Power & Privilge (5)	UD, CUE	
SOC 3320 Homelessness in America (5)	UD	
SOC 3370 Sociology of Deviance (5)	UD	
SOC 3372 Explaining Evil (5)	UD, WE	
SOC 3440 Small Group Dynamics (5)	UD	
SOC 3650 Border Crossings: Imm,Refugees (5)	UD	
SOC 3750 Latin America (5)	UD, CUE	
SOC 3862 Race and Ethnicity (5)	UD, CUE	
SOC 4210 Gender in the Global Context (5)	UD, CUE	
SOC 4250 Law, Injustice&Social Change (5)	UD	
SOC 4252 Sociology of Family (5)	UD	
SOC 4440 Social Psychology (5)	UD	
SOC 4620 Sects, Cults & Violence (5)	UD	
SOC 4820 Sociology of Religion (5)	UD	
SOC 4870 Advanced Research (3)	UD	
SOC 4910 Seminar (3)	UD	
SOC 4940 Internship in Sociology (1-5)	UD	

SECTION CREDITS REQUIRED	30
MINIMUM TOTAL CREDITS REQUIRED	53

Degree Requirements

FOOD AND NUTRITIONAL SCIENCES MINOR

55 Credits Minimum, Including 15 Upper Division (UD)

FOOD AND NUTRITIONAL SCIENCES CORE

Course	Attributes	Credits
BIO 2129 Human Anatomy & Physiology (5)	WKAS	10
BIO 2130 Human Anatomy & Physiology (5)	-	
CHM 1211 General Chemistry I (5)	WKFS	5
CHM 1310 Survey of General Chemistry (5)	WKFS	
CHM 1330 Survey of Organic Chemistry	-	5
CHM 1360 Survey of Biological Chemistry	-	5
FCS 3340 Human Nutrition	UD	5
FCS 4330 Advanced Nutrition&Metabolism	UD	5
FCS 2365 Food Science	-	5
SECTION CREDITS REQUIRED		40

ELECTIVE COURSES

Course	Attributes	Credits
FCS 3321 Nutrition through Life Cycle (3)	UD	15
FCS 3365 Nutrition and Meal Planning (5)	UD	
FCS 4310 Sports and Exercise Nutrition (3)	UD	
FCS 4340 Medical Nutrition Therapy I (5)	UD	
FCS 4341 Medical Nutrition Therapy II (5)	UD	
FCS 4367 Experimental Foods (5)	W, UD	
FCS 4370 Nutrition Research (3)	W, UD	
SECTION CREDITS REQUIRED		15
MINIMUM TOTAL CREDITS REQUIRED		55

Degree Requirements

INTERIOR DESIGN (BA)

112 Credits Minimum, Including 25 Upper Division (UD)

FAMILY AND CONSUMER SCIENCES CORE

Course	Attributes	Credits
FCS 1050 Introduction to FCS	-	2
FCS 3240 Individual & Family Developmnt	UD	5
FCS 4899 FCS Senior Capstone	UD	3
SECTION CREDITS REQUIRED		10

INTERIOR DESIGN REQUIREMENTS

Course	Attributes	Credits
FCS 1710 Global Impacts of Design	WKA	5
FCS 2204 Interior Design Studio	-	5
FCS 2702 Foundations of Interior Design	-	3
FCS 2730 Professional Practice	-	3
FCS 3710 Housing and Community	W, UD	5
FCS 3712 Lighting Design	UD	4
FCS 3714 Advanced Design-Interiors	UD	5
FCS 3720 Universal Design in Housing	UD	3
FCS 3730 Building Construction	UD	4
FCS 3740 Interior Design History	W, UD	5
FCS 3830 Textiles	UD	5
FCS 3843 CAD I for Interior Design	UD	3
FCS 4710 Adv Design II-Resdntl Interior	UD	5
FCS 4712 Adv Design II-Commercial Inter	UD, CUE	5
FCS 4720 Int Dsgn:Professnl Practice II	UD	2
FCS 4730 Sustainability and Materials	UD	5

FCS 4743 <u>CAD II for Interior Design</u>	UD	3
FCS 4744 <u>CAD III for Interior Design</u>	UD	2
FCS 4750 <u>CAD IV for Interior Design</u>	UD	2
FCS 4940 <u>Internship</u>	UD	3
ACCT 2361 <u>Financial Accounting</u> (5)	-	5
BUS 2000 <u>Purpose & Practice of Business</u> (5)	WE	
ART 1102 <u>Drawng Studio:Observtn&Realism</u> (5)	WKA	3
ART 3503 <u>Drawing Studio:Concept Compstn</u> (3)	UD	
ART 1205 <u>Design Studio Color</u>	-	5
ART 2102 <u>Drawng Studio:Design&Perspectv</u>	-	5
ART 2603 <u>West Trad II:Art since Renssnc</u>	WKA	5
SECTION CREDITS REQUIRED		102
MINIMUM TOTAL CREDITS REQUIRED		112

Degree Requirements

INTERIOR DESIGN MERCHANDISING (BA)

90 Credits Minimum, Including 25 Upper Division (UD)

FAMILY AND CONSUMER SCIENCES CORE

Course	Attributes	Credits
FCS 1050 Introduction to FCS	-	2
FCS 3240 Individual & Family Developmnt	UD	5
FCS 4899 FCS Senior Capstone	UD	3
SECTION CREDITS REQUIRED		10

INTERIOR DESIGN CORE

Course	Attributes	Credits
ART 1102 Drawng Studio:Observtn&Realism	WKA	5
ART 2603 West Trad II:Art since Renssnc	WKA	5
FCS 1710 Global Impacts of Design	WKA	5
FCS 2204 Interior Design Studio	-	5
FCS 2702 Foundations of Interior Design	-	3
FCS 2730 Professional Practice	-	3
FCS 3712 Lighting Design	UD	4
FCS 3720 Universal Design in Housing	UD	3
FCS 3740 Interior Design History	W, UD	5
FCS 3830 Textiles	UD	5
FCS 4730 Sustainability and Materials	UD	5
FCS 4940 Internship	UD	3
SECTION CREDITS REQUIRED		51

INTERIOR MERCHANDISING SPECIALIZATION

Course	Attributes	Credits
ACCT 2361 Financial Accounting	-	5

COM 1321 Public Speaking	WKH	5
FCS 3710 Housing and Community (5) FCS 3730 Building Construction (4)	W, UD UD	4
FCS 3822 Retail Merchandising	UD	5
SECTION CREDITS REQUIRED		19

ELECTIVE COURSES

Course	Attributes	Credits
BUS 3541 Marketing & Society (5)	UD	
BUS 3614 Organizational Behavior for Managers (5)	UD	10
BUS 3657 Human Resource Management (5)	UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		90

ADDITIONAL REQUIREMENTS AND INFORMATION

- Spreadsheet Competency Requirement

Degree Requirements

APPLIED HUMAN BIOLOGY (BS)

108 Credits Minimum, Including 23 Upper Division (UD)

GENERAL CORE REQUIREMENTS

Course	Attributes	Credits
BIO 1859 Biology Cornerstone Seminar	-	1
BIO 2101 General Biology (5)	WKFS	15
BIO 2102 General Biology (5)	-	
BIO 2103 General Biology (5)	WKAS	
BIO 2129 Human Anatomy & Physiology (5)	WKAS	10
BIO 2130 Human Anatomy & Physiology (5)	-	
BIO 3351 General Microbiology	UD	5
BIO 4899 Natural Sciences Seminar	UD	2
SECTION CREDITS REQUIRED		33

REQUIRED SUPPORTING COURSES

Course	Attributes	Credits
CHM 1211 General Chemistry I (5)	WKFS	13
CHM 1212 General Chemistry II (5)	-	
CHM 1213 General Chemistry III (3)	-	
CHM 2213 Inorganic Qualitative Analysis	-	2
CHM 1330 Survey of Organic Chemistry	-	5
- OR -		
CHM 3371 Organic Chemistry I (5)	UD	10
CHM 3372 Organic Chemistry II (5)	UD	
MAT 2360 Intro to Stats for Sciences	WKQR	5
PHY 1101 General Physics (5)	WKFS	15
PHY 1102 General Physics (5)	-	
PHY 1103 General Physics (5)	-	
- OR -		
PHY 1121 Physics for Sci & Engineering (5)	WKFS	15
PHY 1122 Physics for Sci & Engineering (5)	-	
PHY 1123 Physics for Sci & Engineering (5)	-	

PSY 1180 Gen Psych:Individual in Growth	WKSS	5
PSY 2470 Lifespan Developmental Psych (5)	-	
PSY 3460 Child Developmental Psychology (5)	UD	5
PSY 3475 Adolescent Developmental Psych (5)	UD	
PSY 3480 Adult Developmental Psychology (5)	UD	
PSY 3360 Psychological Disorders	UD	5
SECTION CREDITS REQUIRED		55

FOCUSED ELECTIVES (SEE PRE-PA, PT, OT TRACKS AT PAGE END)*

Course	Attributes	Credits
BIO 3000 Intro Biological Anthropology (5)	UD, WE, CUE	
BIO 3350 Immunology (3)	UD	
BIO 4360 Biostatistics (5)	UD	
FCS 3340 Human Nutrition (5)	UD	10
HHP 1301 Wellness and Physical Activity (3)	-	
HHP 3570 Biomechanics (5)	UD	
HHP 3580 Exercise Physiology (5)	UD	
SECTION CREDITS REQUIRED		10

ELECTIVES IN BIOLOGY COURSES

Course	Attributes	Credits
BIO 3320 Principles of Development (5)	W, UD	
BIO 3325 Genetics (5)	UD	
BIO 3432 Biodiversity:Vertebrate Biolgy (5)	UD	
BIO 3434 Animal Behavior (5)	W, UD	
BIO 4256 Environmental Physiology (5)	W, UD	10
BIO 4413 Animal Physiology (5)	W, UD	
BIO 4418 Neurobiology (5)	UD	
BIO 4420 Histology & Microscopic Tech (5)	UD	
BIO 4435 Biodiversity:Parasites & Pests (5)	UD	
SECTION CREDITS REQUIRED		10
MINIMUM TOTAL CREDITS REQUIRED		108

ADDITIONAL REQUIREMENTS AND INFORMATION

- General Core: BIO 4899 must be taken twice to earn 2-CR.
- *BIO 3000 may count in biology electives if not used here.
- *Pre-PA: 10-CR from BIO 3000, 3350, 4360, FCS 3340
- *Pre-PT: 10-CR from HHP 1301, 3570, 3580, FCS 3340
- *Pre-OT: 10-CR from HHP 1301, 3570, 3580, FCS 3340
- Max 6 credits from BIO 4900-4999 may be applied to major.

Degree Requirements

COMPUTER ENGINEERING (BS)

131 Credits Minimum, Including 59 Upper Division (UD)

MATHEMATICS REQUIREMENTS

Course	Attributes	Credits
MAT 1234 Calculus I (5)	WKQR	15
MAT 1235 Calculus II (5)	-	
MAT 1236 Calculus III (5)	-	
MAT 3237 Differential Equations	UD	3
MAT 2401 Linear Algebra	-	3
MAT 2720 Discrete Mathematics	-	3
SECTION CREDITS REQUIRED		24

SCIENCE REQUIREMENTS

Course	Attributes	Credits
PHY 1121 Physics for Sci & Engineering (5)	WKFS	15
PHY 1122 Physics for Sci & Engineering (5)	-	
PHY 1123 Physics for Sci & Engineering (5)	-	
SECTION CREDITS REQUIRED		15

MATH/SCIENCE BREADTH REQUIREMENT

Course	Attributes	Credits
CHM 1211 General Chemistry I (5)	WKFS	3
MAT 3238 Vector Calculus (3)	UD	
PHY 3315 Electricity and Magnetism I (3)	UD	
SECTION CREDITS REQUIRED		3

COMPUTER SCIENCE CORE REQUIREMENTS*

Course	Attributes	Credits
CSC 1230 Problem Solving & Programming	WKAS	5
CSC 2430 Data Structures I (5)	-	10
CSC 2431 Data Structures II (5)	-	
SECTION CREDITS REQUIRED		15

COMPUTER SCIENCE ELECTIVES

Course	Attributes	Credits
CSC 3150 Systems Design (5)	W, UD	
CSC 3220 Applications Programming (3)	UD	
CSC 3221 Netcentric Computing (3)	UD	3
CSC 3310 Concepts in Programming Langs (3)	UD	
CSC 3430 Algorithm Design & Analysis (3)	UD	
SECTION CREDITS REQUIRED		3

ENGINEERING REQUIREMENTS

Course	Attributes	Credits
CPE 1502 Electrical&Computer EGR Fundmn	-	1
EGR 2200 Engineering Probability&Stats	-	3
EGR 3000 Engineering Semnr&Intern Prep	W, UD	1
EGR 3810 Engineering Design	UD	5
CPE 4211 Computer Engr Senior Design I	W, UD	3
EGR 4812 Engineering Senior Design II	W, UD	3
EGR 4899 ENGR Capstone & Senior Design	W, UD	3
EGR 4941 Engineering Internship Review	UD	1
SECTION CREDITS REQUIRED		20

COMPUTER ENGINEERING CORE REQUIREMENTS

Course	Attributes	Credits
CPE 3280 Microcontroller System Design	UD	5
CPE 3350 Operating Systems Programming	UD	3
CPE 3550 Communication System Analysis	UD	5
CPE 3760 Computer Orgnztn & Assem Lang	UD	5
SECTION CREDITS REQUIRED		18

CPE ELECTIVES (CHOOSE TWO, 3RD CAN BE USED AS TECH ELECTIVE)

Course	Attributes	Credits
CPE 4750 Computer Networks (5)	UD	
CPE 4760 Advanced Computer Architecture (5)	UD	10
EE 3722 Elec II Analog Electronics (5)	UD	
SECTION CREDITS REQUIRED		10

ELECTRICAL ENGINEERING REQUIREMENTS

Course	Attributes	Credits
EE 1210 Intro to Logic System Design	-	5
EE 2726 Electric Circuits I	-	5
EE 2727 Electric Circuits II (4)	-	4
EE 2728 Electric Circuits II (5)	-	
EE 3721 Elec I Analog Devices & Circ	UD	5
SECTION CREDITS REQUIRED		19

TECH ELECTIVES*

Course	Attributes	Credits
BUS 3682 Social Venture Planning (2)	UD	4
CPE 4151 Software Engineering I (3)	UD	
CPE 4152 Software Engineering II (3)	UD	
CPE 4350 Advanced Operating Systems (3)	UD	
CPE 4900 Independent Study in CPE (1-5)	UD	
CPE 4960 Senior Project in Computer EGR (1-5)	UD	
CPE 4970 Directed Research (2-5)	UD	
CSC 3011 Living in a Digital World (3)	W, UD, WE	
CSC 4151 Software Engineering I (3)	UD	
CSC 4152 Software Engineering II (3)	UD	
CSC 4210 Theory of Computatn & Algorithm (3)	UD	
CSC 4310 Compiler Design (3)	UD	
CSC 4350 Advanced Operating Systems (3)	UD	
CSC 4410 Database Management (5)	UD	
CSC 4430 Advanced Programming (3-5)	UD	
CSC 4800 Adv Issues in Computer Science (3-5)	UD	
CSC 4960 Project in Computer Science (1-5)	UD	
EE 3028 Electric Circuits III (4)	UD	
EE 3315 Electricity and Magnetism I (3)	UD	
EE 3410 Signal & System Analysis (5)	UD	
EE 3500 Introduction to Power Systems (5)	UD	
EE 3510 Power Electronics Fundamentals (5)	UD	
EE 4311 Optics and Lasers (5)	UD	
EE 4410 Embedded and Fixed Point DSP (3)	UD	
EE 4450 Control System Design (5)	UD	
EE 4560 Wireless Communication Systems (3)	UD	
EE 4960 Senior Project (1-5)	UD	
EGR 3211 Acoustics (5)	UD	
EGR 3611 ASE I:Alternative Energy Systm (5)	UD	
EGR 3612 Appropriate&Sustanable Engnr II (4)	UD	
EGR 3614 Appropriate&Sustanable Engnr III (4)	UD	
EGR 3800 Biomedical Engineering I (1-5)	UD	
FGR 4450 Control Systems Design (5)	UD	

EGR 4100 Control Systems Design (4)	UD	
EGR 4610 Systems Design (4)	UD	
EGR 4910 WA State FE Preparation (1)	UD	
EGR 4930 Practicum (1-5)	UD	
ME 3300 Properties of Materials (3)	UD	
ME 3310 Mechanics of Materials (4)	UD	
ME 3400 Dynamics (5)	UD	
ME 3430 System Dynamics (5)	UD	
ME 3500 Thermal Science I: Thermodynamics (5)	UD	
ME 3501 Thermal Science II: Fluid Mech (5)	UD	
ME 3502 Thermal Science III: Heat Trfr (5)	UD	
ME 4410 Mechanical Design (3)	UD	
SECTION CREDITS REQUIRED		4
MINIMUM TOTAL CREDITS REQUIRED		131

ADDITIONAL REQUIREMENTS AND INFORMATION

- *5-CR max combination of EGR/EE/CPE/CS - 4930/4940/4960/4970
- *3000 Lev CSC courses not used for CSC can be used as Electv
- All Engineers required to have Tech Internship (See Catalog)

WHO WE ARE

The faculty in the English and Cultural Studies Department specialize in teaching and publishing academic research or creative writing in both literary and cultural studies. Ranging from the tragedies of Shakespeare to gender dynamics in African literature, our faculty dedicate ourselves to numerous American, British, Latinx, African-American, and other Global fields. We also have four global seminars for study abroad: Rome, Ireland, South Africa, Spain/Morocco. Overall, our wide range of specializations allow us to offer three possible pathways for students to shape their academic and vocational pathways. Students specialize within our department: a program in literary studies, creative writing, or cultural studies. Our faculty conduct seminar style courses, fostering dynamic discussions and insights into literary, cultural, and historical trends.

OUR MISSION

Within our programs, the mission of the English and Cultural Studies Department is to graduate imaginative students of competence and character who have the skills needed to meet an ever-changing world. Our students obtain knowledge in the fields of urban and global Anglophone literature, and are highly skilled in reading, writing, and critical thinking. Our programs prepare students for a variety of vocations, including language arts and high school education, professional and creative writing, human and civil rights law, social justice and human services careers.

LEARNING OUTCOMES

- Demonstrate a broad knowledge of British, American, and postcolonial literature.
- Demonstrate skill in textual analysis, interpretation, scholarship, and critical thinking.
- Demonstrate proficiency in writing, whether critical or creative.
- Articulate a mature understanding of the relationship between literature and the Christian faith.
- Articulate a mature understanding of issues of race, ethnicity, gender, and class as represented in U.S. minority literature and non-Western texts, as well as canonical works.

Degree Requirements

CELLULAR AND MOLECULAR BIOLOGY (BS)

107 Credits Minimum, Including 26 Upper Division (UD)

GENERAL CORE REQUIREMENTS

Course	Attributes	Credits
BIO 1859 Biology Cornerstone Seminar	-	1
BIO 2101 General Biology (5)	WKFS	15
BIO 2102 General Biology (5)	-	
BIO 2103 General Biology (5)	WKAS	
BIO 3325 Genetics	UD	5
BIO 3899 Scientific Literature	UD	1
BIO 3351 General Microbiology	UD	5
BIO 4325 Molecular Biology	W, UD	5
BIO 4352 Cell Biology	W, UD	5
BIO 4410 Human Physiology (5)	UD	5
BIO 4413 Animal Physiology (5)	W, UD	
BIO 4415 Plant Physiology (5)	W, UD	
BIO 4418 Neurobiology (5)	UD	
BIO 4256 Environmental Physiology (5)	W, UD	
CHM 4361 Biochemistry (5)	W, UD	10
CHM 4362 Biochemistry (5)	UD	
BIO 4978 Biological Research Proposal (1)	W, UD	3
BIO 4979 Biological Research (2)	UD	
BIO 4899 Natural Sciences Seminar	UD	2
SECTION CREDITS REQUIRED		57

REQUIRED SUPPORTING COURSES

Course	Attributes	Credits
CHM 1211 General Chemistry I (5)	WKFS	10
CHM 1212 General Chemistry II (5)	-	
CHM 3371 Organic Chemistry I (5)	UD	15
CHM 3372 Organic Chemistry II (5)	UD	
CHM 3373 Organic Chemistry III (5)	UD	

CHM 3225 Quantitativ Analysis&Equilibrum	UD	5
MAT 1221 Survey of Calculus (5)	WKQR	5
MAT 1234 Calculus I (5)	WKQR	
MAT 2360 Intro to Stats for Sciences	WKQR	5
SECTION CREDITS REQUIRED		40

ELECTIVES*

Course	Attributes	Credits
BIO 3320 Principles of Development (5)	W, UD	10
BIO 3350 Immunology (3)	UD	
BIO 3615 Issues and Values in Biology (3)	W, UD, WE	
BIO 4330 Evolutionary Mechanisms (5)	W, UD	
BIO 4360 Biostatistics (5)	UD	
BIO 4420 Histology & Microscopic Tech (5)	UD	
BIO 4744 Marine Botany (5)	UD	
SECTION CREDITS REQUIRED		10

RECOMMENDED COURSES

Course	Attributes	Credits
CHM 1213 General Chemistry III	-	3
CHM 2213 Inorganic Qualitative Analysis	-	2
MAT 1235 Calculus II	-	5
PHY 1101 General Physics (5)	WKFS	15
PHY 1102 General Physics (5)	-	
PHY 1103 General Physics (5)	-	
- OR -		
PHY 1121 Physics for Sci & Engineering (5)	WKFS	15
PHY 1122 Physics for Sci & Engineering (5)	-	
PHY 1123 Physics for Sci & Engineering (5)	-	
SECTION CREDITS REQUIRED		0
MINIMUM TOTAL CREDITS REQUIRED		107

ADDITIONAL REQUIREMENTS AND INFORMATION

- Max 6 credits from BIO 4900-4999 may be applied to major.
- *BIO 4415 and 4418 may count as Elective if not used in Core

Degree Requirements

NUTRITION AND DIETETICS (BS)

116 Credits Minimum, Including 25 Upper Division (UD)

FAMILY AND CONSUMER SCIENCES CORE

Course	Attributes	Credits
FCS 1050 Introduction to FCS	-	2
FCS 3240 Individual & Family Developmnt	UD	5
FCS 4899 FCS Senior Capstone	UD	3
SECTION CREDITS REQUIRED		10

FOOD AND NUTRITIONAL SCIENCES CORE

Course	Attributes	Credits
FCS 2365 Food Science	-	5
FCS 3321 Nutrition through Life Cycle	UD	3
FCS 3340 Human Nutrition	UD	5
FCS 3352 Nutrition Education&Counseling	UD	5
FCS 3365 Nutrition and Meal Planning	UD	5
FCS 4330 Advanced Nutrition&Metabolism	UD	5
FCS 4352 Community Nutrition	UD	3
FCS 4367 Experimental Foods	W, UD	5
FCS 4370 Nutrition Research	W, UD	3
BIO 2129 Human Anatomy & Physiology (5)	WKAS	10
BIO 2130 Human Anatomy & Physiology (5)	-	
BIO 3351 General Microbiology	UD	5
MAT 2360 Intro to Stats for Sciences	WKQR	5
SECTION CREDITS REQUIRED		59

CHOOSE ONE OF THE CHEMISTRY GROUPS BELOW:

Course	Attributes	Credits
CHM 1210 Survey of General Chemistry (5)	WKES	

CHM 1310 Survey of General Chemistry (5)	WKFS	15
CHM 1330 Survey of Organic Chemistry (5)	-	
CHM 1360 Survey of Biological Chemistry (5)	-	
- OR -		
CHM 1211 General Chemistry I (5)	WKFS	20
CHM 1212 General Chemistry II (5)	-	
CHM 1330 Survey of Organic Chemistry (5)	-	
CHM 1360 Survey of Biological Chemistry (5)	-	
- OR -		
CHM 1211 General Chemistry I (5)	WKFS	35
CHM 1212 General Chemistry II (5)	-	
CHM 3371 Organic Chemistry I (5)	UD	
CHM 3372 Organic Chemistry II (5)	UD	
CHM 3373 Organic Chemistry III (5)	UD	
CHM 4361 Biochemistry (5)	W, UD	
CHM 4362 Biochemistry (5)	UD	
SECTION CREDITS REQUIRED		15

DIETETICS SPECIALIZATION

Course	Attributes	Credits
ACCT 2361 Financial Accounting	-	5
BUS 3614 Organizational Behavior for Managers (5)	UD	5
BUS 3657 Human Resource Management (5)	UD	
FCS 2375 Food Production & Management	-	5
FCS 3310 The Profession of Dietetics	W, UD	2
FCS 4340 Medical Nutrition Therapy I (5)	UD	10
FCS 4341 Medical Nutrition Therapy II (5)	UD	
ANT 2250 Cultural Anthropology (5)	WKSS, CUE	5
PSY 1180 Gen Psych: Individual in Growth (5)	WKSS	
SOC 1110 Introduction to Sociology (5)	WKSS	
SECTION CREDITS REQUIRED		32
MINIMUM TOTAL CREDITS REQUIRED		116

Degree Requirements

MECHANICAL ENGINEERING (BS)

131 Credits Minimum, Including 59 Upper Division (UD)

MATHEMATICS REQUIREMENTS

Course	Attributes	Credits
MAT 1234 Calculus I	WKQR	5
MAT 1235 Calculus II	-	5
MAT 1236 Calculus III	-	5
MAT 2401 Linear Algebra	-	3
MAT 3237 Differential Equations	UD	3
MAT 3238 Vector Calculus	UD	3
SECTION CREDITS REQUIRED		24

SCIENCE REQUIREMENTS

Course	Attributes	Credits
CHM 1211 General Chemistry I	WKFS	5
CSC 1230 Problem Solving & Programming (5)	WKAS	5
CSC 2230 Comptr Programmng for Engineers (5)	WKAS	
PHY 1121 Physics for Sci & Engineering	WKFS	5
PHY 1122 Physics for Sci & Engineering	-	5
PHY 1123 Physics for Sci & Engineering	-	5
SECTION CREDITS REQUIRED		25

ENGINEERING REQUIREMENTS

Course	Attributes	Credits
EE 2726 Electric Circuits I	-	5
EGR 1501 CAD Applications for Engineers	-	1
EGR 1502 Machining and Fabricating	-	1
EGR 1503 Engineering Tools and Systems	-	1
EGR 2200 Engineering Probability & Stats	-	3

EGR 2200 <u>Engineering Probability&Stats</u>	-	3
EGR 3000 <u>Engineering Semnr&Intern Prep</u>	W, UD	1
EGR 3311 <u>Experimental Methods I</u>	W, UD	3
EGR 3810 <u>Engineering Design</u>	UD	5
EGR 4811 <u>Engineering Senior Design I</u>	W, UD	3
EGR 4812 <u>Engineering Senior Design II</u>	W, UD	3
EGR 4899 <u>ENGR Capstone & Senior Design</u>	W, UD	3
EGR 4941 <u>Engineering Internship Review</u>	UD	1
ME 2891 <u>Statics</u>	-	4
ME 3300 <u>Properties of Materials</u>	UD	3
ME 3310 <u>Mechanics of Materials</u>	UD	4
ME 3400 <u>Dynamics</u>	UD	5
ME 3430 <u>System Dynamics</u>	UD	5
ME 3500 <u>Thermal Science I:ThermodynmcS</u>	UD	5
ME 3501 <u>Thermal Science II: Fluid Mech</u>	UD	5
ME 3502 <u>Thermal Science III: Heat Trfr</u>	UD	5
ME 4410 <u>Mechanical Design</u>	UD	3
ME 4910 <u>WA State FE Preparation</u>	UD	1
SECTION CREDITS REQUIRED		70

TECHNICAL ELECTIVES*

Course	Attributes	Credits
BUS 3682 <u>Social Venture Planning (2)</u>	UD	
EGR 3312 <u>Experimental Methods II (3)</u>	W, UD	
PHY 3312 <u>Experimental Methods II (3)</u>	WKAS, W, UD	
EGR 3313 <u>Experimental Methods III (3)</u>	W, UD	
PHY 3313 <u>Experimental Methods III (3)</u>	W, UD	
EE 2727 <u>Electric Circuits II (4)</u>	-	
EE 3028 <u>Electric Circuits III (4)</u>	UD	
EE 3280 <u>Microcontroller System Design (5)</u>	UD	
EE 3315 <u>Electricity and Magnetism I (3)</u>	UD	
EE 3410 <u>Signal & System Analysis (5)</u>	UD	
EE 3500 <u>Introduction to Power Systems (5)</u>	UD	
EE 3510 <u>Power Electronics Fundamentals (5)</u>	UD	
EE 3550 <u>Communication System Analysis (5)</u>	UD	
EE 3721 <u>Elec I Analog Devices & Circ (5)</u>	UD	
EE 3722 <u>Elec II Analog Electronics (5)</u>	UD	

EE 3760 Computer Orgnztn & Assem Lang (5)	UD	
EE 4311 Optics and Lasers (5)	UD	
EE 4410 Embedded and Fixed Point DSP (3)	UD	
EE 4450 Control System Design (5)	UD	
EGR 4450 Control Systems Design (5)	UD	12
EE 4560 Wireless Communication Systems (3)	UD	
CPE 3350 Operating Systems Programming (3)	UD	
CPE 4151 Software Engineering I (3)	UD	
CPE 4152 Software Engineering II (3)	UD	
CPE 4350 Advanced Operating Systems (3)	UD	
CPE 4750 Computer Networks (5)	UD	
CPE 4760 Advanced Computer Architecture (5)	UD	
EGR 3211 Acoustics (5)	UD	
EGR 3611 ASE I:Alternative Energy System (5)	UD	
EGR 3612 Apprpriate&Sustanable Engrn II (4)	UD	
EGR 3614 Apprpriate&Sustanble Engrn III (4)	UD	
EGR 3800 Biomedical Engineering I (1-5)	UD	
EGR 4610 Systems Design (4)	UD	
EGR 4615 Engineering Project Management (3)	UD	
EGR 4900 Independnt Stdy in Engineering (1-5)	UD	
EGR 4930 Practicum (1-5)	UD	
EGR 4950 Topics:General Engineering (1-5)	UD	
EGR 4960 Senior Project (1-5)	UD	
EGR 4970 Research (1-5)	UD	
SECTION CREDITS REQUIRED		12
MINIMUM TOTAL CREDITS REQUIRED		131

ADDITIONAL REQUIREMENTS AND INFORMATION

- *Max of 5-CR combined from EGR 4930/60/70 may be applied
- All Engineers required to have Tech Internship (See Catalog)

Degree Requirements

COMPUTER ENGINEERING MINOR

55 Credits Minimum, Including 15 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
CSC 1230 Problem Solving & Programming	WKAS	5
CSC 2430 Data Structures I	-	5
CPE 3280 Microcontroller System Design	UD	5
CPE 3760 Computer Orgnztm & Assem Lang	UD	5
CPE 4750 Computer Networks (5)	UD	5
CPE 4760 Advanced Computer Architecture (5)	UD	
EE 1210 Intro to Logic System Design	-	5
EE 2726 Electric Circuits I	-	5
MAT 1234 Calculus I	WKQR	5
MAT 1235 Calculus II	-	5
MAT 1236 Calculus III	-	5
SECTION CREDITS REQUIRED		50

ELECTIVES (ONE 5 CR COURSE OR TWO 3 CR COURSES)

Course	Attributes	Credits
CSC 3150 Systems Design (5)	W, UD	5
CSC 3220 Applications Programming (3)	UD	
CSC 3221 Netcentric Computing (3)	UD	
CSC 3310 Concepts in Programming Langs (3)	UD	
CSC 3350 Operating Systems Programming (3)	UD	
CSC 3430 Algorithm Design & Analysis (3)	UD	
SECTION CREDITS REQUIRED		5
MINIMUM TOTAL CREDITS REQUIRED		55

Degree Requirements

HISTORY: MUSEUM STUDIES MINOR

30 Credits Minimum, Including 25 Upper Division (UD)

CORE REQUIREMENTS

Course	Attributes	Credits
HIS 2870 Museum Studies&Public History	-	5
HIS 3600 History of Pacific Northwest (5) HIS 4600 Pacific Northwest Sen Tutorial (5)	UD, WE UD	5
HIS 3871 Archives: Theory&Practice (3) HIS 3872 Museum Education (3)	UD UD	3
HIS 4949 Applied History Internship	UD	3
SECTION CREDITS REQUIRED		16

ELECTIVES

Course	Attributes	Credits
ART 3606 Cross-Cultural Encounters (5) ART 3608 Issues:Contempry Art&Vis Cultr (5) ART 3611 Reading Images:Intro Visl Study (3) BUS 3670 Management Non-Profit Sector (5) CLA 3170 Classical Civilization (5) HIS 3170 Classical Civilization (5) HIS 3366 Holocaust in Prague:Jewish Exp (5) HIS 3871 Archives: Theory&Practice (3) HIS 3872 Museum Education (3) HIS 4905 Museum Appreciation/Encounter (1-5) HIS 4930 Mentoring Practicum (1-5) HIS 4949 Applied History Internship (1-15) HIS 4950 Special Topics (1-5) LCL 3500 Cultural Study Abroad (3-8)	W, UD, WE, CUE W, UD, WE, CUE W, UD UD UD UD UD, WE, CUE UD UD UD UD UD UD UD, WE, CUE	14
SECTION CREDITS REQUIRED		14
MINIMUM TOTAL CREDITS REQUIRED		30