

2011

## Seattle Pacific University Catalog 2011-2012

Seattle Pacific University

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# 2011-12 Undergraduate Catalog

## About Seattle Pacific University

*“Seattle Pacific University seeks to be a premier 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.”*

– Mission Statement Seattle Pacific University

[Engaging the Culture, Changing the World](#)  
[Statement of Faith for Seattle Pacific University](#)  
[Our Educational Philosophy](#)  
[Our Christian Community](#)  
[Our Location](#)  
[Our History](#)  
[Our Traditions](#)  
[Accreditation and Affiliation](#)  
[Our Resources for Learning](#)

### ENGAGING THE CULTURE, CHANGING THE WORLD

With a long and distinguished history in Christian higher education, Seattle Pacific University entered the new century positioned to engage the culture and influence the world for good. At a time when the legacy of the secularized modern university is under scrutiny, Seattle Pacific provides 4,000 students with a high-quality, comprehensive education grounded on the gospel of Jesus Christ. This combination of vital scholarship and thoughtful faith is a powerful one that brings about lasting change in the lives of our graduates, and in the people and communities they serve.

Located just minutes from downtown Seattle, the leading urban center in the Pacific Northwest, SPU is committed to engaging and serving in the modern city, cultivating a global consciousness, supporting the church, and addressing the crisis of meaning in our culture. These, we believe, will be some of the Christian university's most important contributions in this century.

Guiding the work of Seattle Pacific University are these three preeminent goals:

**We seek to graduate people of competence and character.** At SPU, each student is profoundly important. We focus our curriculum and resources on shaping graduates who will be effective and positive change agents in the world. This means that we work to prepare individuals who understand their own giftedness, who are both liberally educated and skilled in their chosen field, who exhibit honesty and integrity, and who value serving others.

**We seek to become people of wisdom.** As a university, SPU believes that one vital means of transforming lives is through ideas: ideas that matter; ideas that can bring light and understanding where there is darkness and confusion; and ideas that lead to wisdom. We support our faculty in the pursuit of this kind of scholarship, and we educate our students to become thinking Christians who are able to speak clearly and intelligently about their convictions.

**We seek to model a grace-filled community.** As we serve our students and commit ourselves to the life of the mind, we believe our best work is done in community. In our life together at Seattle Pacific, we strive to treat each other and all people with respect, kindness, and care. Recognizing and respecting differences among individuals, our goal is to become examples of grace, forgiveness, and civility in a culture that is too often polarized and contentious.

### STATEMENT OF FAITH FOR SEATTLE PACIFIC UNIVERSITY

### **Faith and Mission**

At Seattle Pacific University, we seek to ground everything we do on the transforming gospel of Jesus Christ. Such a claim is both personal, a commitment by each member of our community, and institutional, a corporate aspiration that has guided this institution from its founding. Even while we celebrate the rich diversity of the church throughout the world, we anchor our faith on the person of Jesus Christ, the authority of Holy Scripture, and the tradition of the Christian church throughout history.

Our mission at Seattle Pacific University is to engage the culture and change the world, through competence, character, wisdom, and community. We believe our faith in Jesus Christ is the informing and sustaining power through which we fulfill this distinctive calling.

Our position of faith within the Christian Church is shaped in four ways:

**1. We Are Historically Orthodox.** We affirm the historic Christian faith, as attested in the divinely inspired and authoritative Scriptures of the Old and New Testaments, and as summarized, for example, in the [Apostles' Creed](#) and Nicene Creed. We affirm that God is triune, and that the three divine Persons — the Father, the Son, and the Holy Spirit — are co-equal, co-essential, and co-eternal.

We affirm that by the grace and power of God, the universe was brought into being, is continually sustained and governed, and will ultimately be brought to its promised consummation. We affirm, further, that we human beings are created by God in God's own image to be stewards of creation, and that we are called to love God with all our heart, soul, mind, and strength, and to love others as ourselves. In these divinely appointed tasks we have failed, so that we are now subject to judgment and death.

Yet we rejoice that God's grace is available to us through the life, death, and resurrection of Jesus Christ; and that through faith in Christ we are delivered from sin and death and empowered by the Holy Spirit for lives of joyful obedience to the Father. Finally, we respond to the Spirit's call to participate in Christ's body, the Church; to embrace Christ's mission to the world; and to live in the hope and assurance that Christ's return will bring to completion God's saving work.

**2. We Are Clearly Evangelical.** We stand within the broad evangelical tradition of Christianity and, as such, we joyfully accept the task of proclaiming the evangel — God's good news — to the world.

We understand this to mean that Jesus Christ is the Lord and Savior of the world and that he alone can liberate broken and fallen human beings from sin and death. We lift high the authority of Holy Scripture as divinely inspired, embraced by the Church as central to our understanding and witness. We affirm that the Holy Spirit works in human hearts to kindle faith in Jesus Christ, to restore people to a right relationship with God and each other, and to begin transforming people into the likeness of Christ.

And we believe the gospel promise that light, health, wholeness, and peace are abundantly available to everyone who asks. Yet we also believe that we are called to practice what we preach: First, by cultivating vital Christian piety; and second, by engaging the surrounding culture through public testimony and loving service.

**3. We Are Distinctively Wesleyan.** Standing within the Wesleyan holiness branch of historic and evangelical Christianity, and recognizing the [Free Methodist Church](#) as our founding denomination, Seattle Pacific University is informed by the theological legacy of John Wesley and Charles Wesley. We share their conviction that God's saving purpose is the renewal of human hearts and lives in true holiness through the transforming work of the Holy Spirit.

We are shaped by their emphasis on the importance of the human response to the Spirit's renewing work, including the vital role of the spiritual disciplines and practices — such as prayer, meditation, worship, Scripture study, charitable giving, public witness to

Christ's saving love, and service to those in need — all of which serve as means of God's grace. Above all, we embrace the Wesleys' hope that God's transforming love is offered to all persons, addresses all areas of life, and will not rest content until it has redeemed the whole creation.

**4. We Are Genuinely Ecumenical.** As heirs of John Wesley's catholic-spirited Christianity, we seek to gather persons from many theological and ecclesial traditions who have experienced the transforming power of Jesus Christ. We believe that theological diversity, when grounded in historic orthodoxy and a common and vital faith in Christ, enriches learning and bears witness to our Lord's call for unity within the church.

We are also well aware of other dividing walls that separate people from one another, walls that Christ desires to break down — walls of gender, race, ethnicity, nationality, language, and class. We believe that Christ calls us to value diversity and to seek ways for all persons in our University community to grow in their individual giftedness and to contribute in meaningful ways to our common life and work. Thus, in all of our diversity, we are centered in Christ, and called by him to shape, model, and participate together in grace-filled community.

Therefore, we commit ourselves to this faith, and to these shaping influences that define our community of faith, and we pledge ourselves, with humility and conviction, to live as best we know how in loving relationship with Jesus Christ and in faithful service to others. This we believe to be the defining center of our lives and the guiding aspiration of our life in community at Seattle Pacific University.

## **OUR EDUCATIONAL PHILOSOPHY**

### **A Vital Learning Community**

We are a Christian university that prizes learning and seeks to be a vibrant learning community that grounds its intellectual activity in learning theory. Our faculty and staff are committed learners and are committed to mentoring learners. We are convinced that the best learning occurs within a relational context of the teacher, student, and subject matter, and we therefore prize the relationships between faculty, staff, and students.

We are committed to learning for cultural engagement. We seek to rigorously investigate the critical issues of our time and to offer thoughtful and Christian insight to these issues. We believe these issues can be investigated through a variety of academic disciplines; however, they cannot be fully understood through only one discipline. Therefore we are committed to interdisciplinary learning — learning that explores these critical issues through several disciplinary lenses in order to come to a clear view of the issue.

We are a learning community and all that we do is intended to support learning. Therefore our work with student life, residence life, student leadership, university ministries, athletics, lectures, and symposia are all intended to contribute to learning along with the curriculum.

### **An Integrated Curriculum**

As a comprehensive university, we offer learning opportunities in the humanities, arts, sciences, and professions, and all of our programs are grounded in the liberal arts. The liberal arts include particular content areas but also imply a style of education that seeks to develop critical thinking, analytical thinking, and communication skills.

Research indicates that students do not see the connections between general education, majors, and their future. Through a three-part curriculum, we seek to integrate general education with the major in ways that help students make the connections.

We begin with a commitment to a very distinctive Christian Common Curriculum. In the first quarter of their freshman year, SPU students are enrolled in University Seminar, an

intensive exploration of a special interdisciplinary topic. Twenty to 25 students enroll in each course to form a cohort and attend other freshman classes in the Common Curriculum together. Their University Seminar professor serves as their first-year academic advisor. The relationship between students in the cohort and their professor are intentional and support our belief that the best learning occurs within a relational context.

In their freshman, sophomore, and junior years at Seattle Pacific, students participate in two parallel sequences of required courses. Cumulative and developmental in nature, these classes are designed to support and enhance students' learning in the majors.

The University Core sequence explores key human questions in three classes titled Character and Community; The West and the World; and Belief, Morality, and the Modern Mind. The University Foundations sequence looks at the basics of faith in Christian Formation; Christian Scriptures; and Christian Theology. A senior capstone course in the student's major adds application and personal calling to the picture.

### **Learning Outcomes**

Our learning outcomes are our educational goals for our students and are directly derived from our University's mission statement. Following are the outcomes we seek for our undergraduate students:

#### **Competence**

SPU graduates will articulate discipline specific knowledge and apply essential skills enlivened by the liberal arts.

- Demonstrates knowledge of Christian narrative and beliefs.
- Demonstrates knowledge in disciplinary field.
- Integrates liberal arts and disciplinary knowledge.
- Applies knowledge, inquiry, and critical-thinking skills in problem solving.
- Demonstrates a global perspective.
- Communicates effectively.

#### **Model Grace-Filled Community**

SPU graduates will cultivate a life of friendship, civility, and community through responsible discourse and respect for each other.

- Demonstrates interpersonal skills necessary for effective personal and professional relationships.
- Engages with diverse others.

#### **Character Formation**

SPU 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.

- Reflects upon ideas and actions through the lens of Christian faith and ethics.
- Balances interests of self, others, and the community in pursuit of the common good.

### **OUR CHRISTIAN COMMUNITY**

Study in a Christian university provides a unique opportunity to explore answers to life's ultimate questions. While honoring the diversity of the members of our campus community, Seattle Pacific University embraces the commitment that all faculty, staff, and students will explore the meaning and implications of the Christian faith for our academic disciplines, our personal and corporate lives, and for the complex issues we face in our society and world. This commitment integrates academic programs with residential and campus life, personal and corporate reflection, co-curricular activities, and community service.

Programs contribute to our vision to be a grace-filled community that nurtures people of competence and character, cultivates the scholarship of wisdom, and equips people to engage our culture with the gospel of Jesus Christ. For more information regarding the theology and programs, see SPU's [University Ministries / Center for Worship](#) (OUM/CFW) and [The John Perkins Center for Reconciliation, Leadership Training, and Community Development](#) (JPC).

### **Commitment**

Our campus community is enriched by the diverse faith traditions within our student body, and is therefore committed to honoring and respecting these traditions. We are also committed to the life-transforming gospel of Jesus Christ. Therefore, we seek to do the following:

- **Develop** outstanding curricular and co-curricular worship, discipleship and service programs that contribute to the fulfillment of our mission and vision as a Christian university.
- **Give** all students the opportunity to explore the meaning and implications of the Christian faith while at the same time honoring the diversity of our student body.
- **Encourage** students' responsibility for their own spiritual accountability.
- **Provide** abundant opportunities for the development of an informed and thoughtful faith, a vibrant worship life, engagement in a grace-filled community, holistic discipleship, and culture-engaging local and global service.
- **Facilitate** students' growth in leadership abilities through student-led programs.

The John Perkins Center and University Ministries / Center for Worship provide learning opportunities for the campus community through Faith/Learning Forums. Forums are special events regularly offered by these departments addressing various contemporary topics from the perspective of the Christian faith. These often follow a debate or panel format with time for questions and answers.

We also assist in the planning of all-campus convocations, a rich and vibrant tradition at Seattle Pacific University. Beginning with Opening Convocation at the start of the academic year and extending to Graduation in the spring, these events provide an opportunity to celebrate together as a community and to reflect together through the seasons of the academic year. Both OUM/CFW and JPC offer a variety of programs designed to engage the SPU community in a holistic lifestyle of worship, discipleship, and service.

## **UNIVERSITY MINISTRIES AND THE CENTER FOR WORSHIP**

### **Gathering in Worship**

Our mission to engage the whole world with the love and reconciliation of Christ begins when we gather together to worship God and immerse ourselves in the Christian story. In this way, we learn who we are and how we are called to participate in the Holy Spirit's work on earth. Though participation in worship services is not required, and students are encouraged to participate in churches from their own traditions, a broad variety of opportunities are available on campus that contribute to our mission as a university. Students, faculty, and staff can participate in different weekly worship services, including the following:

- **Chapel.** Normally held on Tuesday mornings, Chapel is a creative and vibrant service featuring a variety of worship styles and outstanding guest speakers. Chapel offers all members of the SPU community — students, faculty, and staff — an opportunity to gather together and re-center our lives on the gospel of Christ. In addition to Tuesday morning services, we occasionally offer a Sunday Night of Worship in collaboration with local churches. The Chapel team also offers regular "Exhale" events — opportunities to worship God through the creation of art.

- **group.** At this Wednesday night worship service, students gather to sing, pray, and study the Scriptures together. Each quarter at group, we allow ourselves to be shaped by one particular book of the Bible. For example, during the 2008-09 academic year, we studied the books of Genesis, Matthew, and James. We do this so that we might be better formed in our identity and mission as God's people — and learn how to support one another along the way.
- **Friday Morning Prayer and Communion.** Prayer and Communion is a contemplative and liturgical service of prayer and Holy Communion, and is led by a variety of ordained staff and faculty members.

### **Building Relationships**

Living as people who are reconciled to God and others means stepping outside of ourselves and engaging with the lives and stories of our neighbors. University Ministries facilitates the formation of deeper personal relationships by supporting these small groups on campus:

- **Cadres.** Faculty and staff lead more than 20 discussion groups each week with students. Some explore insights the Christian faith brings to contemporary issues; others gather around a particular interest of the participants. Many of these groups meet within specific academic departments and examine in-depth the relationship between the Christian faith, academic disciplines, and vocation.
- **Small Groups and SMC-led studies.** More than 40 student ministry coordinators (SMCs) serve in the residence halls to provide support and encouragement. The SMCs lead or facilitate prayer, Bible study, and discipleship groups on each floor of the residence halls, and serve as a link between resident students and the wide array of ministry opportunities available at SPU.
- **Sharpen.** The Sharpen ministry is a community of off-campus students dedicated to living every day with Christian purpose. Sharpen forms new small groups and coaches existing ones. Sharpen forms mentoring relationships between upper- and lower-classmen. And Sharpen sponsors students living in apartments or houses who want to form Intentional Living Communities.

### **Investing in God's Work**

An initiative from the Office of University Ministries and the Center for Worship is the **37five Project**. This project provides an incentive for students to actively pursue a holistic lifestyle of Christian discipleship that includes fellowship, worship, and partnering with organizations that are doing God's work in the world. Each academic quarter, students can choose to participate in the 37five Project by completing the following requirements:

- **Commit to a small group.** Students make a commitment to meet at least once every two weeks with a small group that consists of at least three SPU students. Cadres, the SMC program, and Sharpen all provide opportunities for students to connect with others in a small group setting.
- **Commit to worship gatherings.** Within each small group, students hold each other accountable to their commitment to attend SPU worship gatherings at least seven times per quarter. Eligible worship gatherings include Chapel, group, Friday Morning Prayer and Communion, and Sunday Night of Worship.
- **Submit a grant application.** Students who have completed the above requirements may submit a grant application to benefit a nonprofit organization of their choice. The 37five Project triples the contribution from student groups (4th Ashton gives \$100 to World Vision. The 37five Project doubles it to \$200. World Vision receives \$300!). Students are encouraged not only to research deserving nonprofit organizations, but also to make relationships with, pray for, and volunteer actively with these organizations.

**THE JOHN PERKINS CENTER FOR RECONCILIATION, LEADERSHIP TRAINING,**

## AND COMMUNITY DEVELOPMENT

### **Christian Community Development**

Emphasizing core values of relocation, reconciliation, and redistribution, Christian community development promotes healthy development in communities of need.

The John Perkins Center at SPU allows students to learn through partnership with local leaders engaged in community-transforming work in Seattle and across the globe. Receiving training, exposure to effective models, and volunteer support, students provide needed service while building cross-cultural skills and awareness.

### **Local Community Service**

[Urban Involvement](#) connects student-led teams to Seattle-area organizations for weekly service activities. Opportunities include tutoring, working with homeless individuals, and mentoring young people. Urban Involvement provides volunteer support and facilitates connections between students and effective community leaders.

[Latreia](#) coordinates quarterly service projects for students seeking to explore a variety of service opportunities. Additionally, an online volunteer database lists a wide range of local community service needs.

### **Global Community Service**

[Seattle Pacific Reachout International](#) (SPRINT) exists to cultivate lives that are awakened to and transformed by God's purpose and passion for a broken world. From the outset, student involvement has been pivotal in launching the missionary movement in North America. SPRINT wants to continue this legacy of raising students at SPU who will light the fire of a new generation, eager and enthusiastic about God's purpose and plan for the world. That's why we offer SPU community unique global learning and service opportunities to challenge you to ask big enough questions:

- What in the world is God doing?
- How in the world is God expressing his message of hope?
- What in the world has this got to do with me?

In trips ranging from two to six weeks to cities and villages around the globe, students will step out of their comfort zone, experience and encounter God, learn from the faith and example of others, and engage in models of reconciliation and community development that demonstrate the wholeness of the Gospel. The trips are designed to help participants discover and develop the following:

- **Global vision** that sees the needs of a broken world, and sees God in relation and response to these needs.
- **Personal response** through a life of self-giving service and vocational alignment with God's purpose.

## OUR LOCATION

### **Urban Center**

Seattle Pacific University's location in a thriving, world-class city is a tremendous asset for students. Seattle is a major trade center, popular tourist destination, and gateway to Canada and the Pacific Rim. The city is surrounded, by water and mountains, making seagulls, bridges, ferryboats, and snow-capped peaks part of everyday life.

The region is also home to corporate giants such as [Microsoft](#), [Boeing](#), and [Nintendo](#), as well as home to the headquarters of [World Relief](#) and [World Vision](#), and site of the renowned [Fred Hutchinson Cancer Research Center](#). A strong multicultural flavor is the result of business ties and exchanges with nations including Japan, Korea, and Russia.



Known as an “arts” town, Seattle has the highest live-theatre attendance per capita of any major city. It is also the only Northwest city to field teams in all three major league sports: the [Seattle Storm](#), regular WNBA playoff contenders; the [Seattle Mariners](#), American League West baseball pennant winners; and the NFL's [Seattle Seahawks](#).

Combining classroom education with practical experience is often the best way to master a discipline – and Seattle's urban opportunities offer students that critical link.

As part of their educational program, many SPU students work 10 to 20 hours per week for a wide array of businesses and organizations such as Microsoft, Boeing, the Fred Hutchinson Cancer Research Center, [KING 5 TV](#), the [Empty Space Theatre](#), the [State Attorney General's Office](#), the [Seattle Opera](#), and elsewhere. [\[Maps\]](#)

[\[Back to top\]](#)

### **Pacific Northwest**

Because of its natural assets, the Pacific Northwest offers unparalleled recreational opportunities: hiking, skiing, boating, fishing, and scuba diving, to name a few. One of the most popular ways to tour the 2,000 miles of Puget Sound shoreline is by ferryboat. And day trips from campus can lead you to waterfalls, ice caves, steam trains, totem poles, tide pools, and floating bridges.

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.

### **OUR HISTORY**

In 1891, delegates to the Oregon and Washington Conference of the Free Methodist Church voted to establish a school in Seattle where students would be educated and trained for missionary service by teachers whose lives represented the highest in Christian values. Nils Peterson, a homesteader living on Seattle's Queen Anne Hill, deeded five acres of his property to begin what would be called Seattle Seminary. Hiram Pease, another Queen Anne resident, volunteered most of the capital and much hard work to erect the school's first structure, the four-story “red brick building” later to be named [Alexander Hall](#) after the school's first principal (and later president) Alexander Beers.

Seattle Seminary opened with two faculty members, Alexander Beers and his wife, Adelaide. In the first term of operation, the seminary registered 34 students in a college preparatory curriculum that included primary and intermediate grades. In 1905, a new administration building was added, later named [Peterson Hall](#) after founder Nils Peterson. College-level courses for freshmen entered the curriculum in 1910, and the school's name was expanded to “The Seattle Seminary and College” in 1913. Two years later, the school's name was changed again to Seattle Pacific College, with five students comprising SPC's first graduating class.

In the 1920s, the College established a normal school for teacher training. During this time, the College began to look beyond its campus into the city to communicate its programs to a wider audience, anticipating its role as a liberal arts college. Enrollment climbed from 40 to more than 400.

Efforts to raise the standards and stature of the College were the focus of the 1930s. The first summer school program opened in 1931, and SPC's three-year normal school was accredited in 1933. Full accreditation of the College's four-year liberal arts program came in 1936 by the Northwest Association of Schools and Colleges.

Following World War II, the College grew from about 400 students to 1,400. In 1949, a School of Recreational Leadership was launched, paving the way for increased physical education programs and ultimately intercollegiate sports. During this time, the building of [Royal Brougham Pavilion](#) was begun, built to serve not only College interests but also used as a means of outreach to city youth as well. From its founding to 1944, the school had built only four permanent buildings; between 1944–59, five more were constructed for academic purposes. In 1955, SPC acquired 155 acres on Whidbey Island called [Camp Casey](#). It provided new opportunities for field study and outdoor education.

The 1960s became the College's golden age of expansion, especially in terms of facilities. In nine years, 15 new buildings and/or facilities were completed; major remodeling to 10 existing buildings created new, usable space; more than 70 real estate acquisitions were recorded; and improvements were made to Camp Casey, including a new swimming pool.

In the 1970s, curricular renewal and reorganization took center stage. A new curriculum focused on the individual and the learning process, and the “scholar-servant” model soon took form. The [SPIRAL program](#) was launched in 1975, which would grow to be the model program in the state for in-service teacher education. In 1976, Seattle Pacific received a gift of 965

acres on [Blakely Island](#) in the San Juans, which would become the site for an innovative research station. Overall, faculty developed higher professional levels of competence through an academic reorganization that followed a university model. Ultimately, on June 5, 1977, the College officially became Seattle Pacific University.

During the 1980s, Seattle Pacific sought to focus on building a sense of community on campus and in the surrounding community while strengthening its ties with the Free Methodist Church and the evangelical community at large. An Intercultural Institute of Missions was established in 1984 to refocus the University's historic missionary emphasis.

The 1990s saw Seattle Pacific University grow into a premier Christian university of arts, sciences, and professional studies. In 1991, SPU celebrated the Centennial of its founding in 1891. Academic strength was high with 85 percent of full-time faculty members holding doctorates or the highest degree in their field. In 1994, as part of its successful \$25 million capital campaign, SPU opened [a \\$10 million Library](#) that now serves as the heart of the academic program. A unique "Common Curriculum," an innovative approach to general education, was launched in Autumn Quarter 1998.

By 2000, the University had put into effect a *Comprehensive Plan for the 21st Century*. That plan brings together planning streams for education, enrollment, endowment, and facilities to ensure the Seattle Pacific's success for its second hundred years.

In Autumn Quarter 2003, a [64,000-square-foot Science Building](#) opened, and the [Otto Miller Hall](#) (formerly the Miller Science Learning Center) underwent a major renovation. Both now enable undergraduate students to conduct research with faculty members in state-of-the-art facilities.

Today, SPU offers 56 undergraduate majors, 14 master's degree programs, and three doctoral programs. The University remains as committed as ever before to graduating students who demonstrate both academic competence and personal character — and who will change the world.

#### Presidents of Seattle Pacific University

<b>Alexander A. Beers</b> , Ph.B., M.A.	1893–1916
<b>Orrin E. Tiffany</b> , Ph.D.	1916–1926
<b>C. Hoyt Watson</b> , Litt.D.	1926–1959
<b>C. Dorr Demaray</b> , Litt.D.	1959–1968
<b>David L. McKenna</b> , Ph.D.	1968–1982
<b>David L. Le Shana</b> , Ph.D.	1982–1991
<b>Curtis A. Martin</b> , Ph.D.	1991–1994
<b>E. Arthur Self</b> , Ph.D.	1994–1995
<b><a href="#">Philip W. Eaton</a></b> , Ph.D.	1995–

#### OUR TRADITIONS

**New Student Convocation.** This academic ceremony has its roots in a 1932 convocation where new students and faculty gathered to celebrate the opportunities and challenges of the new academic year that lays ahead. Today's New Student Convocation has a similar thrust, with faculty, family, and friends gathering in the Tiffany Loop prior to the beginning of the academic year to support new students as they embark on their SPU journey.

**Opening Convocation.** This academic ceremony includes the entire SPU community when we gather to welcome new and returning students at the start of each academic year. The SPU president challenges the audience to embrace the opportunities ahead.

**Day of Common Learning.** This annual event embodies the best of interdisciplinary learning, explains Vice President for Academic Affairs Les Steele, who initiated the Day of Common Learning in 2002. "It holds up the vision that we are going to engage the culture with important issues. The Seattle Pacific community comes together to learn, and that is something we value highly."

**Christian Faith Exploration.** Community worship, concerts, presentations on special topics, and evensong services are all part of Seattle Pacific University's extensive Christian Faith Exploration program. Evensong is Monday evenings; Chapels – featuring a variety of leading Christian speakers – are Tuesdays; the student-led service, group is on Wednesday nights; forums are on Thursdays; and cadres/small groups typically meet on Tuesdays and Thursdays.

**Homecoming.** The first official Seattle Pacific "Homecoming" was instituted in 1935 at the school's 42nd Commencement. Since then, Homecoming has moved to early Winter Quarter, separated from graduation weekend. Class reunions, athletic

events, drama and music productions, a student talent show, and a variety of other gatherings between alumni, students, faculty, and staff make this weekend a highlight on the University's yearly calendar.

**Tradition.** Begun in the late 1980s, Tradition is a campus and community-wide event that takes place in the [Tiffany Loop](#) during the first week of December. In addition to the Christmas-tree lighting, activities include carol singing, sleigh rides, readings of the Christmas story, and other traditions designed to focus attention on the season of Christ's birth.

**Graduate Hooding Ceremony.** Master's degree recipients are invited to participate in the Hooding Ceremony before the Ivy Cutting Ceremony. Master's students are recognized for the completion of their advance degrees and are hooded by their school dean and the graduate faculty. Master's students then take their place behind the faculty for the Ivy Cutting procession. Doctoral students may attend but are hooded during Commencement.

**Ivy Cutting.** Ivy Cutting has been a part of spring graduation rites since 1922, when the first Ivy Planting ceremony was introduced. Now, more than 85 years later, graduates participate in an Ivy Cutting ceremony where each senior receives a cutting from a long, connected ring of ivy. The ceremony symbolizes the senior's tie to the University and its many alumni, as well as a newfound independence that comes with becoming a graduate.

**Baccalaureate.** The Baccalaureate service is one of worship and reflection, planned by members of the senior graduating class and featuring student speakers. It occurs the Friday before Commencement and held in Royal Brougham Pavilion.

**Commencement.** Commencement is a time-honored ceremony that recognizes the scholarship, service, and Christian growth of graduating seniors. It is a celebratory service, where students, faculty, staff, parents, relatives, and friends congratulate the graduates on their "new beginning." Degrees are awarded to graduates who have successfully completed the requirements to obtain their baccalaureate or graduate diplomas. The number of SPU graduates has grown from five in 1915 to more than 800 in recent years.

[\[Back to top\]](#)

## 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). It is on the approved list of the American Council on Education and Board of Regents of the State of New York, and its credits are recognized by members of the various regional associations and by leading graduate schools throughout the country.

Seattle Pacific is a charter member of the [Christian College Consortium](#) and is also a member of the [Council for Christian Colleges and Universities](#).

The University is approved by the U.S. government for education of veterans and their dependents under the applicable public laws.

### Business and Economics

The business programs (undergraduate and graduate) in the [School of Business 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 granted approval by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association. This means a graduate of SPU, with dietetic specialization, is eligible to apply for a dietetic internship in another institution. After the dietetic internship is taken elsewhere, the student is "RD Eligible." The student can then take the registration examination. If passed, the student becomes a registered dietitian.

### Education

The [School of Education](#) is accredited by the National Council for Accreditation of Teacher Education (NCATE) at both basic (undergraduate) and advanced (graduate) levels. The University is a member of the Association of American Colleges and of the American Association of Colleges for Teacher Education. It is fully accredited by the Washington State Board of Education for preparation of elementary and secondary teachers and the Washington State Professional Educator Standards Board. The School of Education is also a member of the Association of Independent Liberal Arts Colleges for Teacher Education, and now has a chapter, Sigma Phi Upsilon, of Chi Sigma Iota, an international honor society that values academic and professional excellence in counseling.

### Electrical Engineering

The [electrical engineering program](#) is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology ([ABET](#)).

#### **Music**

Seattle Pacific's [music program](#) is a full member of the National Association of Schools of Music (NASM) and Washington Music Educators.

#### **Nursing**

The [undergraduate nursing](#) curriculum is approved by the Washington State Nursing Care Quality Assurance Commission, and both the undergraduate and graduate nursing programs are accredited by the Commission on Collegiate Nursing Education (CCNE).

#### **Theology**

Seattle Pacific's [School of Theology](#) meets the requirements of the Commission on Christian Education of the Free Methodist Church for preparation of ministers and missionaries and is also approved by the Department of Christian Education of the Free Methodist Church and other denominations for the collegiate preparation of ministers. The NWCCU acknowledges Seattle Pacific's graduate program as [Seattle Pacific Seminary](#).

[\[Back to top\]](#)

### **OUR RESOURCES FOR LEARNING**

Seattle Pacific University students enjoy aesthetically pleasing learning spaces. Spread over the 45-acre Seattle campus, the buildings, recognized by their traditional brick or modern faces, are also known for the many ways in which they meet students' educational needs.

#### **The University Library**

The [University Library](#) provides book, journal and media collections, databases, information services, instruction, technology, and space for study and research. Six librarians provide personal service and information literacy instruction for each subject area. The University Library has approximately 200,000 volumes, and 1,300 journals and databases. Most of the electronic resources are available to students, faculty and staff from on or off campus.

SPU patrons may borrow materials from the 36 academic libraries in Washington and Oregon that are part of the Orbis Cascade Alliance. The University Library has 14 small rooms for study and meeting, a graduate-student reading room, and a seminar and conference room. There are 70 networked computers in the Library, and wireless access throughout the building. For more information, visit <http://spu.edu/library> or call 206- 281-2419.

#### **The Center for Learning**

Located in Lower Moyer Hall, the [Center for Learning](#) offers tutoring for a variety of undergraduate courses, individual learning consultations, a Writing Center providing assistance in improving papers for class assignments, and quarterly learning seminars and study-skill courses. Services and [support for students with disabilities](#) are also available through the Center for Learning.

#### **Student Computer Labs**

Student computer labs are located across the campus. Some of the computer labs are highly specialized for specific academic programs while other labs are more general purpose. In most of the student labs, a standard set of academic software tools are provided that include word processing, spreadsheets, presentation software, statistical software, programming languages, and database software. All of the general-purpose computer labs also provide full access to the Internet, color laser printers, and other local and remote networked resources.

**Art Center:** This lab has 11 high-end Macintosh computers for instructional use in visual communication and fine arts. Peripherals include a data projector, flatbed and slide scanners, as well as printers.

**Library:** There are presently two computer labs in the Library – an instructional classroom with 20 PC computers and an open lab with 30 PC computers and two Macintosh computers with digital video-editing capabilities. The Library also has computers for database searching, as well as a computer for special and assisted use. In addition, there are a number of network ports for students to use their own computers in the Library, and the building is a “hot spot” with wireless capability.

**McKenna Lab:** The Qwest Computer Lab in the School of Business and Economics contains 25 computers for open-lab and business-class use. A small networking lab is attached. An instructional classroom has 24 computers.

**Otto Miller Hall:** Numerous computer labs are located in Miller Hall serving the specialized needs of the departments of

computer science, engineering, math and physics. A computer science lab contains 30 current-technology (FY03-04: P4/2.2 GHz) Windows® workstations for general student use. Students may also bring their own laptops into the building and connect them to the campus Ethernet using either a wired or wireless (802.11b) connection.

**Music Keyboard Lab:** The Music Technology Lab in [Beegle Hall](#) is equipped with eight high-end Macintosh computers connected to Roland RD-600 multi-timbre MIDI keyboards. In addition, the lab contains another high-end Macintosh computer capable of 16-track digital recording, using a Yamaha O2R Digital Recording Console, ADATs, Kurzweil K2500XS keyboard, and the industry standard ProTools software.

**Student Union Building:** Several computers are now available for student use in kiosks in the SUB.

**Weter Hall:** Ten computers are available for student use on the first floor of Weter Hall, and the building is a “hot spot” with wireless capability.

[\[Back to top\]](#)

### **Classroom Technology**

Faculty have a wide range of technology available in the classroom to enhance teaching and learning. More than 90 percent of all classrooms feature large-screen projectors, Windows PCs, and VCR/DVD players. Most classrooms also have wireless network access available for students, and three classrooms feature a hands-on lab format with a desktop for each student.

Additionally, [Computer and Information Systems](#) has audio/visual equipment (video cameras, projectors, laptops, and sound systems) available for checkout to faculty and students for academic projects.

### **Internet Access/Electronic Mail**

Network connectivity and access to the Internet is available throughout campus. All students, faculty and staff use [email](#) and other electronic communication tools. Access to campus resources and databases through the Web is widespread. Many courses make use of an online course management system ([Blackboard](#)) for document repository, electronic grade books, online discussion and online assessments. The Internet also provides access to libraries, databases and information resources throughout the world. All faculty are provided late-model computers and high-speed network connections. Students can get access to the Internet from student computer labs, from their residence hall rooms, or from wireless “hot spots” in major common/study areas. Off-campus students have access to email from campus-provided modem connections. Many routine student transactions (registration, class schedules and access to grades) can be completed via the Web ([Banner](#)) at an individual student's time and convenience.

### **Instructional Technology Services**

Located on the lower level of the Library, [Instructional Technology Services \(ITS\)](#) helps faculty produce Web-based and multimedia learning resources. It also manages the Library's computer labs and satellite downlinks. With digital, audio, and video equipment, ITS helps bring new learning adventures to the SPU campus.

### **Technology Services in the Residence Halls**

All of the campus residence hall units are provided a full complement of technology resources that include network connections to the local campus network and the Internet (a connection for each student) and cable TV connections in each room.

### **Technology Instruction and Assistance**

The use of computers and networked resources is an important part of the academic program at SPU. Resources available to students include free antivirus software; discount software through the Microsoft-campus license agreement; the GetConnected program offering assistance in the first week of Autumn Quarter; and the [Help@Home](#) service, which provides assistance on an ongoing basis to students living in residence halls. Student assistants are available in all of the computer labs; and Computer and Information Systems provides a central computer HelpDesk and comprehensive Web-support site at [www.spu.edu/CISHelpDesk](http://www.spu.edu/CISHelpDesk).

### **Computer Ownership**

The University provides a wide range of general purpose and specialized computer resources on campus, but for the most effective learning and use of computers, students are strongly encouraged to purchase their own computer. Seattle Pacific University supports both Windows and Apple Macintosh computers in our student lab environments and the residence halls. The choice of computers and software is left to the individual student.

## **Apostles Creed**

I believe in God, the Father Almighty, the Creator of heaven and earth,  
and in Jesus Christ, His only Son, our Lord:  
Who was conceived of the Holy Spirit, born of the Virgin Mary,  
suffered under Pontius Pilate, was crucified, died, and was buried. He  
descended into hell.

The third day He arose again from the dead.  
He ascended into heaven and sits at the right hand of God the Father Almighty,  
whence He shall come to judge the living and the dead.

I believe in the Holy Spirit, the holy catholic church,  
the communion of saints, the forgiveness of sins,  
the resurrection of the body, and life everlasting.

Amen.

## Admissions

[You're Invited to Visit the Campus](#)  
[Application for Admission](#)  
[Procedures for Students Entering Directly From High School](#)  
[Procedures for Transfer Students](#)  
[Early Action Program for 2011-2012](#)  
[Washington State Running Start Program](#)  
[Homeschooled Students](#)  
[Early Admission](#)  
[Advanced Placement/CLEP/International Baccalaureate](#)  
[International Baccalaureate](#)  
[Transfer Student Information](#)  
[Students Entering From Regionally Unaccredited Colleges](#)  
[Transfer Student University Foundations Requirements](#)  
[International Students](#)  
[To Accept an Offer of Admission](#)  
[Application for Re-Admission](#)  
[Disability Support Services](#)  
[Entrance Programs Once Students Accept Admission](#)  
[Post-Baccalaureate Admission](#)

Seattle Pacific University admits students with academic characteristics that predict their success in the university programs to which they seek enrollment and who exhibit personal qualities that indicate a contribution to the mission of the University.

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

Depending on space available, a waitlist process may be required to manage the entering class. Admission to the University does not automatically constitute admission to the particular program or school in which a student wishes to study.

Specific admission requirements for majors and minors are located in each academic program section in this *Undergraduate Catalog*. Seattle Pacific University reserves the right to admit any student at its discretion and rescind admission, if necessary.

### YOU'RE INVITED TO VISIT THE CAMPUS

Words and pictures provide impressions of Seattle, but to fully appreciate it, you must see Seattle in person.

The same is true for Seattle Pacific University. Located in a quiet residential neighborhood, SPU's campus is parklike, combining the latest technology and buildings with long-standing traditions. It's a premier campus only a few minutes from Seattle's bustling, cosmopolitan city center.

There are several opportunities for students to schedule a visit:

**Academic Preview** occurs in the autumn and is geared toward high school seniors. It is a special opportunity for high school students to experience academic life at SPU by attending major-related info sessions, visiting classes, meeting professors, spending the night on campus, and participating in community activities.

**SPU Fridays** are day-long events offered in the autumn, winter, and spring. Information sessions are offered to answer your questions about the admissions process, financial aid, and various academic departments. You'll have the chance to tour campus, visit a class, and dine in our dining hall.

**Campus Preview** occurs in the spring and offers high school sophomores and juniors an in-depth look at life on campus. This special event is an opportunity for students to attend classes, meet professors, spend the night on campus in the residence halls, and attend information workshops and social events.

**Transfer Open House** includes a campus tour, meeting current students and faculty, discovering how your credits will transfer, and learning about the admissions and financial aid process.

**Individual visit** is available if you can't attend one of the organized events. We will be happy to schedule a personal visit for you on another day. Campus tours are offered twice daily: Monday–Friday, 11 a.m. and 2 p.m. **Note:** Two-weeks' notice is required for class visit and overnight requests.

To [arrange a visit](#) to Seattle Pacific University, call 206-281-2021 or 1-800-366-3344 toll free. We'll take care of the details. [\[Back to top\]](#)

## APPLICATION FOR ADMISSION

### General Instructions for All Applicants

We are a member of the [Common Application](#). Students interested in applying for admission should apply online, download the form, or visit [spu.edu/apply](http://spu.edu/apply).

[Online applications are available](#). Paper applications are mailed upon request. Application materials for admission must meet the following dates for each respective quarter:

All Materials Must Be Received By:	
February 1, 2011 — Freshmen applicants	Autumn 2011
July 1, 2011 — Transfer applicants	Autumn 2011
November 15, 2011	Winter 2012
March 1, 2012	Spring 2012
May 15, 2012	Summer 2012

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

Students desiring financial aid and scholarship consideration should file the [Free Application for Federal Student Aid \(FAFSA\)](#) with the federal processor as soon as possible after January 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 beginning the second week in March.
- 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](#). [\[Back to top\]](#)

### Early Action for 2011-12

The Early Action program at Seattle Pacific University is a nonbinding agreement for students who place SPU among their top choice schools. Early Action candidates must submit their [completed application](#) by November 15, 2011, and will receive notification in early January 2012.

### Procedures for Students Entering Directly From High School

*Students completing college credits while in high school, including those participating in the Running Start Program, must follow procedures outlined in this section.*

1. **Application:** Complete the Common Application [First-Year Application](#) and submit to Undergraduate Admissions along with the \$50 nonrefundable application fee and the required SPU supplement.
2. **High school transcript:** During the first semester of the senior year, arrange for an official transcript to be sent by the high school last attended. Applicants must request that a final transcript be forwarded to Undergraduate Admissions by August 1.



3. **College and university transcripts:** If you have completed college coursework while in high school, request that all colleges and universities you attended send official transcripts to Undergraduate Admissions.
4. **SAT or ACT exams:** Take either the [College Board Scholastic Aptitude Test \(SAT-I\) \(SPU code 4694\)](#) or the [American College Test \(ACT\) \(SPU code 4476\)](#) and submit scores to SPU.
5. **Teacher evaluation:** Applicants should request a recommendation from a teacher familiar with their academic qualifications. The form is part of the First-Year application.

### Procedures for Transfer Students

*Running Start students should follow the process for high school students.*

1. **Application:** Complete the Common Application [Transfer Application](#) and submit it to Undergraduate Admissions along with the \$50 application nonrefundable fee and the required SPU supplement.
2. **High school transcript:** Transfer students who, at the time of application, have completed fewer than 45 transferable quarter credits or 30 semester units after graduating from high school must submit an official high school transcript and SAT or ACT scores with their application. Transfer students who have completed more than 45 transferable quarter credits or 30 semester credits are not required to submit high school transcripts and SAT or ACT scores for admission purposes. However, high school transcripts and SAT or ACT scores can be useful for placement of transfer students into math courses and proof of proficiency in foreign language.
3. **College and university transcripts:** Send official transcripts from all colleges and universities previously attended.
4. **Teacher evaluation:** Applicants should request a recommendation from a teacher familiar with their academic qualifications. The form is part of the Transfer Application.  
[\[Back to top\]](#)

### Washington State Running Start Program

Accepted students who have completed college-level coursework under Washington state's Running Start Program will be awarded transfer credit, up to a maximum of 90 credits. The students should follow the same admission procedures for students entering directly from high school, plus submit an official community college transcript.

The transfer courses must be described in the catalog of an accredited Washington state community college and must be posted on an official college transcript. At the time of application, students who have not completed any college-level credit after their high school graduation should apply as freshmen applicants and are considered for freshmen scholarships. [\[Back to top\]](#)

### Home-schooled Students

SPU recognizes that greater numbers of students are receiving instruction at home instead of through a traditional high school program. Home-schooled students are required to submit application materials as stated for all students.

In addition, students should submit a copy of their reading list, and information regarding the curriculum used in their home-school program. While interviews are not required, they may be helpful. Some home-schooled students may be required to submit a G.E.D. Admission for home-schooled students will depend heavily on test scores, writing ability, and academic curriculum. [\[Back to top\]](#)

### Early Admission

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 at SPU. Evidence of high school completion (high school transcript with graduation date or G.E.D.) is required in order to receive financial aid. Contact [Undergraduate Admissions](#) for details. [\[Back to top\]](#)

### Advanced Placement/CLEP/International Baccalaureate

Matriculated students at Seattle Pacific University 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)
- College Level Examination Program (CLEP)
- International Baccalaureate (IB)
- National Council Licensure Exam for Registered Nurses (NCLEX)

- SPU's Credit by Examination

Credits are awarded from only official score reports and using SPU's awarding criteria. Awarding criteria may change from year to year. Students will be granted credit based on the criteria in effect during the catalog year the student enters the University.

Examination credits, plus credits from community colleges, technical colleges, and unaccredited colleges cannot exceed 90 quarter credits. Credits are evaluated for Exploratory Curriculum requirements at the time a student enters SPU in accordance with the following policies:

### Advanced Placement

The following is a list of AP tests and their acceptance at SPU. A score of 3, 4, or 5, unless otherwise noted on the [AP exam](#), will earn the student the number of credits listed.

If students believe courses may also fulfill major requirements, they may contact the appropriate department for a review. Students interested in receiving credit for AP exams should have an official score report sent to Undergraduate Admissions at SPU.

### How AP Exams Will Transfer

<u>AP Test</u>	<u>Credits</u>	<u>Exploratory SPU Curriculum</u>	<u>Acceptance</u>
Art History	5 (score: 3, 4 or 5)	AHA/AHC	Arts and Humanities
Biology	5 (score: 4 or 5)	NSA	BIO 2101
Calculus AB	5 (score: 4 or 5)	MA	MAT 1234
Calculus BC	5 (score of 3 with AB subscore of at least 4)	MA	MAT 1234
	10 (score: 4 or 5)	MA	MAT 1234, 1235
Chemistry	5 (score: 4)	NSB	CHM 1211
	5 (score: 5)	NSB	CHM 1211 and 1212
Chinese Lang and Culture	5 (score: 3)		For. Lang. met
	10 (score: 4)		For. Lang met
	15 (score: 5)		For Lang. met
Computer Science A	5 (score: 3, 4, or 5)		General elective
Macroeconomics	5 (score: 3, 4, or 5)	SSB	ECN 2102
Microeconomics	5 (score: 3, 4, or 5)	SSB	ECN 2101
English Language	5 (score: 4 or 5)		Elective course
English Literature	5 (score: 4 or 5)	AHB/AHC	Arts and Humanities
Environmental Science	5 (score: 4 or 5)	NSA	Elective
European History	5 (score: 3, 4, or 5)	SSB	History elective
French Language	5 (score: 3)		FRE 1103*
	10 (score: 4)		FRE 1103*
	15 (score: 5)		FRE 1103*
German Language	5 (score: 3)		GER 1103*
	10 (score: 4)		GER 1103*
	15 (score: 5)		GER 1103*
Government and Politics: Comparative	5 (score: 3, 4, or 5)	SSB	POL 2320
Government and Politics: U.S.	5 (score: 3, 4, or 5)	SSB	POL 1120
Human Geography	5 (score: 3, 4, or 5)	SSB	Social Sciences
Italian Lang and Culture	5 (score: 3)		For. Lang. met
	10 (score: 4)		For. Lang. met
	15 (score: 5)		For. Lang. met
Japanese Lang and Culture	5 (score: 3)		For. Lang. met
	10 (score: 4)		For. Lang met
	15 (score: 5)		For Lang. met

Latin: Vergil	5 (score: 3 or 4) 10 (score: 5)		LAT 1103* LAT 1103*
Music Theory	5 (score: 3, 4, or 5)	AHA/AHC	MUS 1104 & 1107
Physics B	5 (score: 3, 4, or 5)	NSB	PHY 1101
Physics C: Mechanics	5 (score: 3, 4, or 5)	NSB	PHY 1121
Physics C: Electricity & Mag	5 (score: 3, 4, or 5)	NSB	PHY 1123
Psychology	5 (score: 3, 4, or 5)	SSA	PSY 1180
Spanish Language	5 (score: 3) 10 (score: 4) 15 (score: 5)		SPN 1103* SPN 1103* SPN 1103*
Spanish Literature	5 (score: 3, 4, or 5)	AHB/AHC	Arts and Humanities
Statistics	5 (score: 4 or 5)	MA	MAT 1360
Studio Art: Drawing	5 (score: 3, 4, or 5)	AHA/AHC	ART 1102
Studio Art: 2-D Design	not accepted		
Studio Art: 3-D Design	not accepted		
U.S. History	5 (score: 3, 4, or 5)	SSB	History elective
World History	5 (score: 3, 4, or 5)	COR2	History elective

*\*Consult with the Languages Department for placement.*

### International Baccalaureate

The following is a chart of [international baccalaureate](#) higher level subjects and their acceptance at SPU. Unless otherwise noted in the chart, a score of 5, 6, or 7 will earn the student the number of credits listed.

If students believe credit for an exam may also fulfill major requirements, they may contact the appropriate academic department for a review. No credit will be awarded for standard-level exams. Students interested in receiving credit for IB exams should have an official score report sent to Undergraduate Admissions at SPU.

### How Higher Level IB Exams Will Transfer

<u>IB Course</u>	<u>Credits</u>	<u>Exploratory Curriculum</u>	<u>SPU Acceptance</u>
Biology	5	NSA (score of 6 or 7)	Biological Sciences
Business and Management	5		elective only
Chemistry	5	NSB (score of 6 or 7)	CHM 1211
Classical Languages	5 score 5 10 score 6 15 score 7		* * *
Computer Science	5		elective only
Design Technology	5		elective only
Economics	5	SSB	ECN 2101
English A-1	5	AHB/AHC	Arts and Humanities
Geography	5	SSB	Social Sciences
History	5	SSB	Social Sciences
Islamic History	5		HIS 3720 (no W credit; lower division)
Language A	5 (score 5) 10 (score 6) 15 (score 7)		* * *
Language B	5 (score: 5) 10 (score: 6) 15 (score: 7)		* * *
Mathematics	5	MA (score of 6 or 7)	elective only
Music	5		elective only

Philosophy	5		elective only
Physics	5	NSB (score of 6 or 7)	Physical Sciences
Psychology	5	SSA	PSY 1180
Social and Cultural Anthropology	5	SSA	ANT 2250
Theatre	5	AHA/AHC	Arts and Humanities
Visual Arts	5	AHA/AHC	Arts and Humanities *

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

### CLEP

Students who have completed CLEP exams with minimum scores in the 50th percentile (C grade range) may receive 5 quarter credits for most of the exams offered. An up-to-date listing of credit offered for CLEP tests is available on the [Online Equivalency Guide](#). [\[Back to top\]](#)

### TRANSFER STUDENT INFORMATION

#### Students Entering From Regionally or ABHE Accredited Colleges and Universities

Students desiring admission to Seattle Pacific University from another regionally accredited institution, or an institution accredited by the Association for Biblical Higher Education (ABHE), will follow the procedures for transfer students.

All records submitted for admission become the property of SPU and are considered a part of the student's official file and permanent record. Failure to submit transcripts from all institutions attended, including high school (if pertinent), may result in dismissal from the University. See the [Procedures for Transfer Students](#) section for information about Direct Transfer Agreements. Advanced standing will be determined on the basis of the credentials submitted by the candidate. In every case, however, the following conditions will apply:

1. A transfer student must be in good standing at all prior institutions attended.
2. Transfer students who have successfully completed 45 college-level quarter credits from an accredited institution at the time of application may not be required to take the American College Test (ACT) or the College Board Scholastic Achievement Test (SAT-I).
3. It is the student's responsibility to ensure that final official transcripts reflecting coursework subsequent to admission are received by SPU. The absence of final coursework will affect the student's class standing, eligibility for financial aid, and progress toward degree completion.
4. The average grade in all courses accepted for advanced standing from each school must be C (2.0) or higher. This means that for every grade of D accepted there must be another grade of at least B or its equivalent for an equal number of credits. **Exception:** For ABHE accredited institutions, no grade below C (2.0) will be accepted.
5. No grade below D (1.0) will be accepted from any institution.
6. Only courses taken for a regular grade (not "pass/fail" or "credit/no credit") will be applied toward requirements in General Education, the Common Curriculum and Exploratory Curriculum, and toward a student's major and minor.
7. The minimum grade that can be applied toward a major or minor is C- (1.7).
8. Transfer associate degrees earned after matriculation at SPU will not be recognized toward fulfillment of the Exploratory Curriculum, University Core requirements, or the foreign language proficiency requirement.
9. A combined total of not more than 90 quarter credits will be accepted from all community and technical colleges, approved test programs (AP, CLEP, and IB) and unaccredited schools. Existing Washington, Oregon, and California community-college associate degree transfer agreements will be honored as they apply to Exploratory Curriculum requirements.
10. No more than 45 quarter credits will be accepted from approved testing programs (AP, CLEP, and IB).
11. 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.
12. 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.
13. One-credit courses ordinarily are not transferable, except physical education (PE) activity, applied music, and selected computer courses.
14. No more than 3 quarter credits of physical education activity coursework and/or varsity sports will be transferred from all transfer institutions combined. [\[Back to top\]](#)

#### Associate Degree Transfer Agreements

Students who have earned, prior to matriculation at SPU, an approved direct-transfer degree from a Washington, Oregon, or California community college, or an associate degree from Central Christian College of Kansas, will enter with all University Core and Exploratory Curriculum requirements fulfilled, including the foreign language proficiency requirement\*. These

students also are exempt from the Math Proficiency Exam, and most transfer students are exempt from the English Placement Test.

*\*Completion of an associate degree will not exempt students from foreign language requirements within any major or minor with a specific foreign language requirement.*

Most students who have earned an approved direct-transfer degree enter with 90 quarter credits and junior class standing, which exempts them from UFDN 1000. However, courses that do not meet SPU's minimum-grade policies will not be transferred (that is, no grade lower than a D or 1.0). Further, SPU standards will be applied in transfer of credit for recognized testing programs (AP, IB, and CLEP), based on scores submitted directly from the testing agency.

### **DTA (Direct Transfer Agreement) Associate Degrees in Washington State**

The general Direct Transfer Agreement (DTA) associate degrees from Washington state community 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 Pathways (MRPs) in biology, business, elementary education, math education, and pre-nursing:

Bellevue College, *Associate in Arts and Sciences*  
Big Bend Community College, *Associate in Arts and Sciences*  
Cascadia Community College, *Associate in Integrated Studies*  
Centralia College, *Associate in Arts, Associate in Liberal Arts*  
Clark College, *Associate in Arts*  
Columbia Basin Community College, *Associate in Arts and Science*  
Edmonds Community College, *Associate of Arts*  
Everett Community College, *Associate in Arts and Sciences-Direct Transfer Agreement*  
Grays Harbor College, *Associate in Arts*  
Green River Community College, *Associate in Arts*  
Highline Community College, *Associate of Arts, Option A*  
Lower Columbia College, *Associate in Arts-DTA*  
North Seattle Community College, *Associate of Arts, Associate of Science*  
Northwest Indian College, *Associate in Arts and Sciences*  
Olympic College, *Associate in Arts and Sciences, Option A*  
Peninsula College, *Associate in Arts or Associate of Arts, Honors*  
Pierce College, Ft. Steilacoom, *Associate in Arts*  
Pierce College, Puyallup, *Associate in Arts*  
Seattle Central Community College, *Associate in Arts, Associate of Science*  
Shoreline Community College, *Associate in Arts and Sciences, Option A*  
Skagit Valley College, *Associate in Arts: University and College Transfer*  
South Puget Sound Community College, *Associate in Arts*  
South Seattle Community College, *Associate in Arts, Associate of Science*  
Spokane Community College, *Associate in Arts*  
Spokane Falls Community College, *Associate of 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 in Arts*

### **Associate of Science-Transfer Degrees, Option 1 and Option 2**

While the Associate of Science-Transfer degree Option 1 and Option 2 from Washington state community colleges are also accepted in transfer to SPU, these degrees do not fulfill the same requirements as the DTA degree.

Students who have earned, prior to matriculation at SPU, the Associate of Science-Transfer degree Option 1 or 2 generally enter with junior standing. At least 15 credits in transfer courses that meet humanities and social science GERs/GURs at the sending institution will be applied toward Common and Exploratory Curriculum requirements in the social sciences and humanities areas, whether or not there is a direct match with SPU's general education courses.

### **Associate of Applied Sciences-Transfer**

Students who have earned, prior to matriculation at SPU, an Associate of Applied Science Transfer degree, are eligible to apply for admission to the [Professional Studies program](#). Students in this program follow an alternative degree curriculum. General Education requirements may be satisfied through transfer classes reviewed on a course-by-course basis. Students admitted to this program complete an academic minor at SPU and earn a "Professional Studies" major. Generally, these students enter SPU with 90 credits and junior standing, which exempts them from University Foundations 1000.

### **Oregon Transfer Degrees**

The associate degrees from Oregon that transfer directly to SPU to fulfill [University Core and Exploratory Curriculum](#) requirements are the Associate of Arts/Oregon Transfer (AA/OT) degree and the Associate of Science/Oregon Transfer Degree-Business (AS/OT-B). Students who have earned one of these degrees prior to matriculation at SPU will enter with all University Core and Exploratory Curriculum requirements fulfilled, as well as proficiency requirements in English composition and foreign language\*. Generally, students will enter with 90 credits and junior standing, which exempts them from University Foundation 1000.

*\*Unless foreign language proficiency is a requirement for the student's major or minor.*

### **California IGETC Curriculum and Associate Degrees**

Students transferring from California junior colleges must complete the IGETC (Intersegmental General Education Transfer Curriculum) and an associate degree in order to transfer to SPU with [University Core and Exploratory Curriculum](#) requirements fulfilled, as well as proficiency requirements in foreign language\* and English composition. Generally, these students will enter with 90 credits and junior standing, which exempts them from University Foundation 1000.

*\*Unless foreign language proficiency is a requirement for the student's major or minor.*

[\[Back to top\]](#)

### **Students Entering 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 institutions at the student's request. An official transcript and copy of the unaccredited institution's catalog must accompany a written request for review.

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

1. Only college-level academic courses will be transferred. Vocational, technical, and practicum/internship courses will be transferred only with faculty approval.
2. To be accepted, a course must have received a grade of C (2.0) or better.
3. Only courses of at least 2 quarter credits will transfer (except physical education, selected computer, and applied music).
4. The cumulative GPA of transferable courses must be 2.0 or better (on a 4.0 scale).
5. Courses may be applied toward Exploratory Curriculum or University Core requirements if course content is comparable to that of SPU courses that fulfill these categories, as determined by designated faculty members.
6. A maximum of 15 credits in biblical studies/theology/church history may be accepted by the University, as elective credits only. No credits may be applied to University Foundations requirements.
7. Application of credits to major requirements is a determination made by faculty in the individual discipline.
8. 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. A student transferring from an unaccredited college may be required to present acceptable scores on either the College Board Scholastic Aptitude Test (SAT-I) or the American College Test (ACT). [\[Back to top\]](#)

### **Student Rights and Responsibilities Regarding Transfer**

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 direct-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).

### Transfer Student University Foundations Requirements

Credits earned at a recognized, accredited institution in areas offered by Seattle Pacific University will usually be accepted without discount. Students who have earned, prior to matriculation at SPU, an approved direct transfer associate degree (Washington, Oregon, and California community college transfer program or Central Christian College of Kansas) are considered to have completed SPU's Exploratory Curriculum and University Core (but not University Foundations) requirements, as well as the foreign language requirements (except as required in a major or minor). Most students who enter with an approved direct transfer degree will be awarded 90 credits and junior class standing.

SPU considers the [University Foundations](#) requirements to be at the heart of its 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 complete 10 credits in Foundation studies with 5 credits in UFDN 3001 Christian Scriptures, followed by 5 credits in UFDN 3100 Christian Theology. (Students who have just completed the DTA associate degree through the Running Start Program are expected to complete at least one quarter at SPU before enrolling in UFDN 3001.) Each transfer student with freshman or sophomore standing upon admission will complete the full 15-credit requirement by completing UFDN 1000 Christian Formation, UFDN 2000 Christian Scriptures, and UFDN 3100 Christian Theology.

If a transfer student has 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 Foundation requirements from any other regionally accredited Christian college or ABHE-accredited Bible school may be granted only by petition process.

**Note:** In all cases, students must complete at least 5 credits of coursework in the [School of Theology](#) (UFDN or THEO discipline) at Seattle Pacific University. (THEO 3100 Community Bible Study may not be used to fulfill this requirement.) [\[Back to top\]](#)

## INTERNATIONAL STUDENTS

SPU welcomes international student applications. The goal of the international student program is to provide educational opportunities for qualified students from a variety of cultural backgrounds. SPU seeks to admit students who would most benefit from the distinctives of the institution. An international student is considered to be anyone who is not a citizen, permanent resident, or naturalized citizen of the United States.

Application procedures for international students:

- Application: Complete the Common Application [First-Year](#) or [Transfer](#) Application and submit it to Undergraduate Admissions along with the \$45 nonrefundable application fee and the SPU supplement.
- English Language Proficiency: Students who are non-native English speakers must demonstrate English proficiency by taking the [Test of English as a Foreign Language](#) (TOEFL) or the [International English Language Testing System](#) (IELTS) exam. On the TOEFL exam applicants must score 79 or higher on the Internet-based test (iBT), or 550 or higher on the paper-based test (pBT), or 213 or higher on the computer-based test (cBT). The minimum acceptable score on the IELTS is 6.0. The other option is to complete the [American Cultural Exchange Language Program](#) (ACE), which is housed on the SPU campus. Students must receive a full recommendation from the ACE Language Program for admission to the University. Students who receive a full recommendation are not required to submit a TOEFL score.
- Transcripts: Send official transcript(s) to SPU. We need certified, official transcripts from all the courses you've taken at secondary schools and universities. All transcripts must have the official stamp or seal from the issuing institution and must be sent directly by the school to SPU in a sealed envelope. Transcripts must be in English.
- Students who, at the time of application, have completed fewer than 45 transferable quarter credits or 30 semester units after graduating from high school, must submit an official high school leaving certificate/diploma.
- Submit the [Declaration of International Student Finances form](#) (PDF) and official bank statement (in U.S. dollars). To satisfy visa application requirements, international students must demonstrate adequate funds to cover their educational and living expenses for their intended period of study at SPU. Your financial sponsor(s) must submit

an official copy of his or her current bank statements or a letter from an authorized bank official on bank stationery to document funds currently available for the first year of study. This document must be written in English and described in U.S. dollars. Financial assistance is available only to U.S. citizens, permanent residents, and naturalized citizens.

**SAT/ACT exams.** Seattle Pacific University does not require the **SAT** or **ACT** for international freshmen. However, scores do enhance an application and sufficiently high verbal scores may exempt you from completing the TOEFL exam.

**Transferring international credits.** International students interested in transferring college-level coursework from foreign universities are encouraged to have their college or university transcripts evaluated by a professional credentialing agency. SPU accepts professional transcript evaluations from agencies such as **World Education Services** and **American Associate of Collegiate Registrars and Admissions Officers** (AACRAO).

**Application Deadlines.** International students follow the same **application deadlines** for all students.

Students who intend to enter directly from schools in foreign countries must have a grade point average equivalent to a 3.0 in the grading system used at Seattle Pacific University.

Graduates of high schools in countries where the school system provides for less than 12 years of instruction before college are expected to complete at least 12 years of schooling in their own country before being admitted to SPU. Students may receive college credit for A-level exams if their marks are very high.

### **Non-Matriculated International Students**

Undergraduate international students may take no more than 45 quarter credits toward a degree before being formally admitted to the University, and post-baccalaureate students are limited to 15 such credits. Non-matriculated students (those who have not been formally admitted to the University) are expected to submit an acceptable official TOEFL score (a minimum score of 550 for the paper version of the test or 213 for the computer-based test or 79 on the iBT) or IELTS score (a minimum score of 6.0 is required) to **Student Academic Services**, and must pay for their courses at the point of registration.

Students seeking to enroll in courses at SPU while attended another institution must also submit a letter of permission from their host institution. SPU welcomes international students and encourages them to seek full admission to the University at the earliest opportunity.

### **U.S. Residents and Citizens Who Are Non-native English Speakers**

Students whose first language is not English and who wish to enter SPU directly from high school or to transfer from another institution must demonstrate English proficiency. This may be demonstrated in a number of ways, including submitting a satisfactory Scholastic Aptitude Test (SAT-I) Verbal score or TOEFL score or IELTS score.

### **TO ACCEPT AN OFFER OF ADMISSION**

Applicants will receive a letter of their acceptance/denial to the University. To accept an offer of admission, follow these steps:

1. **Advance Payment.** A \$200 advance payment is the student's acknowledgment of intention to enroll. This payment should be submitted online through the **Office of Undergraduate Admissions**. This guarantees a place in the entering class and allows the student to register for classes. This payment is credited to the student's account and is applied toward the initial tuition payment. The advance payment should be submitted 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.
2. **Housing Registration.** Beginning in April, admitted undergraduates will be mailed detailed housing materials, including information on the housing application process and room deposit. Students admitted after April 1 will be sent a housing packet within two weeks of their admission date.
3. **Health Record.** Each student will receive a medical health history form, to be completed and returned to **Health Services**, once the Advance Payment is received. This medical history is required of students who are (1) entering SPU for the first time, (2) 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. Health insurance is available to all matriculated students. Insurance information is available in **Student Financial Services** and **Health Services**.



All international students are required to enroll in the University Student medical insurance plan. Any exceptions to this requirement require documentation of a comparable plan. Waivers may be obtained only at Health Services and must be completed by the 10th day of the quarter.

### **Application for Re-Admission**

If a student has been away from SPU for fewer than nine quarters after completing courses as a matriculated student, that student is still considered an “active” student at SPU. He or she may register for classes at SPU without completing paperwork for undergraduate admissions. Any transfer work completed during the student’s absence must be submitted to Student Academic Services. The student will be responsible to complete the same degree requirements as expected upon his or her first quarter of matriculation at the University. An associate degree completed while a student is considered “active” at SPU will not be recognized.

Students who would like to re-enroll after nine quarters (two years) have passed must submit all new application materials. The Office of Undergraduate Admissions will inform the student if additional credentials need to be submitted.

Admission will be governed by the policies regulating the admission of the level the student is reactivating under (a student who was admitted to SPU out of high school and is reactivating after attending another institution is now considered a transfer student.) Undergraduate and post-baccalaureate students who have interrupted their study at SPU for more than two calendar years will graduate under the requirements listed in the *Undergraduate Catalog* current at the time of re-entry. Class standing will be recalculated to include all credits earned and transfer credits accepted prior to readmission.

### **DISABILITY SUPPORT SERVICES**

The University assists with program access through a variety of services for students with disabilities. Any student requiring special assistance should contact [Disability Support Services](#) in the Center for Learning at 206-281-2475 to make arrangements for an intake interview to determine the level of assistance needed. Students are required to provide documentation of the nature of their disability at that time.

### **ENTRANCE PROGRAMS ONCE STUDENTS ACCEPT ADMISSION**

#### **Orientation/New Student Advising**

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

This is a one-day program that provides students with the opportunity to confer with an advisor about the selection of classes, register for classes, receive an official campus card ([Sea Pac Pass](#)), and make financial arrangements.

Once students have completed the program, they will be prepared to go through Orientation/Welcome Week in the fall. Students who enter Seattle Pacific University in Winter Quarter or Spring Quarter meet individually with an undergraduate academic counselor to select and register for their first quarter of classes.

#### **Orientation/Welcome Week**

New Student Orientation sessions are held each quarter. Autumn Quarter [Orientation/Welcome Week](#) includes four days of orientation to the academic and social community of SPU. Brief orientation sessions are offered Winter Quarter and Spring Quarter.

All of these sessions are designed to help new students prepare for the academic, spiritual, and social life at SPU. They also offer opportunities for students to become better acquainted with the University and its programs of study, and to meet faculty and classmates. Attendance at orientation is required and provides students with the essential information for a successful transition to University life. [\[Back to top\]](#)

### **POST-BACCALAUREATE ADMISSION**

Students who have been awarded a baccalaureate degree and wish to complete a second undergraduate degree may apply through Undergraduate Admissions.

Required materials for admission consideration include a completed and signed Common Application for [Transfers](#), a \$45 non-refundable application fee, one Teacher Evaluation addressing academic ability, an official copy of the final transcript from the institution that granted the baccalaureate degree (showing the granted degree), and 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 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 for the state of Washington.

*Note to SPU graduates: SPU graduates do not need to submit a Teacher Evaluation. Only transcripts reflecting work at other institutions must be submitted.*

## Costs and Financial Aid

### Undergraduate Costs and Financial Aid

#### 2011-12 Tuition and Fees

#### Financial Arrangements and Services

#### Refunds and Account Adjustments

#### Financial Aid

### UNDERGRADUATE COSTS AND FINANCIAL AID

Seattle Pacific University is committed to providing high-quality Christian education at a reasonable price. This is achieved through a dedicated faculty who provide nationally recognized excellence without primary regard for personal remuneration; administrative staff who work continually to provide needed services with greater efficiency; and trustees, alumni, churches, and other friends of the University who provide necessary financial support.

All expenditures related to educational and support activities are carefully planned and budgeted. The trustees, University president, and other administrators are committed to a high level of stewardship in the handling of all of Seattle Pacific'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.

Every student is presumed to be familiar with the payment schedules and other financial policies and procedures published in this *Undergraduate Catalog*. Financial assistance, including scholarships, grants, student employment, and various types of loans, is available to qualified students on a limited basis and is described in detail in this *Catalog*.

Student Financial Services is responsible for providing 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, students may still have questions from time to time and staff is prepared to assist.

The goal of the staff is to provide helpful, friendly service to all inquirers. It is the hope of Seattle Pacific University that students will not only have exceptional educational experiences, but they also will feel that same commitment to excellence and service throughout all of the support areas of the institution.

## Costs and Financial Aid

### Undergraduate Costs and Financial Aid

#### 2011-12 Tuition and Fees

#### Financial Arrangements and Services

#### Refunds and Account Adjustments

#### Financial Aid

### 2011-12 TUITION AND FEES

In addition to direct instructional costs, Seattle Pacific University's tuition covers a wide range of student and academic support services, including guidance services and social activities. Other student benefits include admission to all university athletic events and participation in intramural activities.

All tuition, fees, and other charges stated in this publication are payable in U.S. dollars (\$US). The following charges do not apply to graduate, doctoral, or Summer Session courses. The fees for graduate, doctoral, and summer courses are published in separate catalogs or bulletins.

## Autumn 2011–Spring 2012

Per quarter for courses numbered 0000–4999

1–11 credits, per credit	\$833
12–18 total credits	\$9,992
Additional per credit hour over 18	\$833
Tuition for registered nurse-to-bachelor's of science program, per credit	\$368
Tuition for arranged courses	regular rates apply
Tuition for auditing courses	regular rates apply

### Advance Payments

Admitted students should reserve their place at SPU by submitting their \$200 advance payment on or before May 1, 2011 (National Candidate's Reply Date). This payment is required from all students prior to registration.

### Administrative, Course, Student Services, Medical Insurance, and Other Special Program Fees

For specific classes with fees, refer to the [2011-12 Time Schedule](#) and/or revision listings.

## Administrative and Special Fees

Application fee	\$50
Matriculation fee	\$80
<i>A student who has been admitted to the University and subsequently registers for courses is considered a matriculated student. A matriculation fee of \$80 is assessed only once at the time of an admitted student's initial registration. This fee covers the costs associated with initial advising, registration and maintaining students' academic files over the duration of their stay at Seattle Pacific. A student's academic file may contain admission records, transcripts, and evaluations of the coursework from other institutions, academic appeals, graduation check sheet, etc.</i>	
Change of registration fee	\$50
<i>Students are expected to be registered for the next quarter by the last day of finals. Students may lose their opportunity to return if they are not registered by the deadlines. A late registration fee of \$50 may be charged for late registration.</i>	
Official transcript fee	\$5
Undergraduate/Post-Baccalaureate Internship	\$125/qtr
Course fee for EDSC 4250	\$25/qtr
Assessment Fee	\$65
Technology fee, per quarter 10+ credits	\$41
1–9 credits	\$5 per credit
<i>This fee is used to offer new software, upgrade classrooms, and improve technology support to students, faculty, and labs.</i>	
ASSP Fee, per quarter 12+ credits	\$80
1–11 credits	\$6 per credit
<i>The ASSP fee provides for student-led social, cultural, and educational programming and ministries, student services, student publications, and opportunities for leadership and involvement through the <a href="#">Associated Students of Seattle Pacific</a> (ASSP).</i>	
Parking fee, per quarter*	\$75
Emerson residents, per quarter	\$95
SPU ID card replacement fee (for lost/stolen/damaged card))	\$20
Temporary SPU ID replacement card fee	\$5

\*Any vehicle maintained, owned, or operated by an SPU student or employee must be registered with the [Office of Safety and Security](#) if it is to be parked on SPU's campus, including city streets. [Registration/application forms](#) are available online and in person.

Any changes in parking status must be reported to Safety and Security within 10 days of the change by calling 206-281-2922. Parking refunds are calculated in accordance with the tuition-refund policy. Note: if you are completely withdrawing from the University, you must inform Safety and Security to be eligible for a refund of your parking fees.

## Music

**Individual instruction fee**

For non-majors (per credit)	\$175
For majors only (1 or 2 credits)	\$175
Piano class instruction fee (two periods weekly), per quarter	\$75
Voice class instruction fee (two periods weekly), per quarter	\$75
Theory lab fee, per quarter	\$25

**Nursing**

- Comprehensive testing program and access to online skills modules (one-time, nonrefundable fee of \$513 in first nursing course).
- Clinical practicum fee (\$75/practicum/internship credit).
- Lab fees vary by quarter (total for junior year practicum courses is \$2,096 and total for senior year practicum courses is \$1,675).

**Special Examination Fees****Credit by examination or challenge fee**

Per-course examination fee	\$100
Per-credit-hour fee	\$40
Internship fee, per quarter	\$75
Penalty for late changes of internship	\$70

**Other Course Fees**

Certain courses have additional costs associated with them such as skiing, mountain climbing, some psychology labs, music composition, and math courses. These courses, with their applicable fees, are listed in the [2011-12 Time Schedule](#) and/or revision listings.

**Medical Insurance Fees**

[The University Health Center](#) offers basic medical services for students. To provide complete health care coverage, the University recommends that all students review their current plan to determine if their current insurance will cover them out of their home area. The University offers information on a [medical insurance plan](#) for injury and sickness, which is available to all enrolled undergraduate students (and their families). The University recommends this medical coverage to cover unanticipated expenses that could otherwise interrupt educational endeavors. Enrollment, benefit summary information, and applications for this voluntary plan are available in Health Services and in Student Financial Services.

All international students are required to enroll in the [University International Student Medical Insurance Plan](#). Any exceptions require documentation of a comparable plan.

Waivers may be obtained in Health Services only and must be completed prior to the 10th day of the quarter to ensure appropriate coverage enrollment. Any changes in coverage (i.e., addition or deletion of spouse or child) must be submitted prior to the 10th day of the quarter.

**STUDENT SERVICES FEES****Education placement files**

Teacher, school counseling, and administrative credential files are securely stored digitally through SPU JobLink and managed by each credential file owner. To establish a new credential file or to reactivate an existing one, a \$5 fee is be paid by credit or debit card via SPU JobLink. Files must be reactivated every placement year (November 1 – October 31) in which the file will be actively used.

Payment for mailing a teaching, school counseling or administrative credential file is by credit or debit card via the online system as follows:

**Education Placement Files**

Emailing	\$6
Postal (USPS) mailing or fax	\$8
Overnight (USPS) postal delivery	\$25
Psychological testing	
Administration, interpretation, and counseling with regard to aptitude, skills, personality analysis, and placement based on actual costs of materials and scoring.	\$20

Career testing	\$20
Counseling Center services (per session)	variable

### Health Services

Residential students	fees included in room and meal plan charges
Commuter students	\$30 per quarter on first visit

### Senior Citizen Program

In keeping with the goal of service, SPU has a program that offers tuition-free and technology-fee-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 a bachelor's degree. The only limitation to the program is the availability of space in particular classes. Registration for senior citizens who use this program commences on the second day of the quarter.

Those wishing to apply work toward a degree must formally apply to the [Office of Undergraduate Admissions](#). Non-matriculated students need only register at Student Academic Services. The Senior Citizen program does not cover course-related fees or ASSP fees.

### Study-Away Programs

Students enrolled in off-campus study programs will follow a special payment schedule. Students should contact [Student Financial Services](#) as soon as they are accepted to participate in the off-campus program. SFS will determine if financial aid is in order so those students may meet the tour departure date. Study tours must be paid in full prior to departure.

### Room Charges, Per Year

#### Ashton, Hill, and Moyer Residence Halls

*Requires purchase of a quarterly meal, either the Unlimited or a Weekly Block Plan.*

Double Room	\$4,944
Triple Room	\$4,344

#### Emerson Residence Hall

*Requires purchase of a quarterly meal, either the Unlimited or a Weekly Block Plan.*

Single room — private bath	\$7,404
Single room — shared bath	\$6,957
Double room — private bath	\$6,519
Double room — shared bath	\$6,072
Triple/quad room — shared/private bath	\$5,631

#### Robbins Apartments (No meal plan required)

One- or two-person unit (studio or one bedroom)	\$1,960
Four-person unit (two bedrooms)	\$1,652

#### Campus Houses and Apartments

*(No meal plan required)*

One- or two-person unit (studio or one bedroom)	\$2,085
Three-or-more-person unit (two or more bedrooms)	\$1,712

#### Wesley Apartments (No meal plan required)

Two-person unit (one bedroom)	\$2,160
Four-person unit (three bedrooms)	\$1,920
Four-person unit (four bedrooms)	\$2,250

### Meal Plan Charges, Per Year

Unlimited	\$4,137
Weekly Block 14	\$3,906
Weekly Block 10	\$3,720
Weekly Block 7	\$3,567

Block 50 (50 meals in Gwinn)	\$424*
Block 25 (25 meals in Gwinn)	\$222*
Advantage Points	Minimum \$15 purchase*

*\*Block 25, Block 50, and Advantage Points are priced per purchase and may be renewed at student's discretion.*

### Expenses for 2011-12 Full-Time Undergraduates Living On/Off Campus\*

	Per Quarter	Per Year
Tuition	\$9,992	\$29,976
ASSP and technology fee (mandatory fees)	\$121	\$363

Room and Meal Plan (traditional residence-hall double with Platinum meal plan)	\$3,027	\$9,081
Textbooks, supplies, average loan fee (for student-loan borrowers), miscellaneous/personal, and transportation average cost	\$1,258.33	\$3,775
Total	\$14,398.33	\$43,195

\*Estimated.

#### Expenses for 2011–12 Full-Time Undergraduates Living With a Parent/Relative\*

	Per Quarter	Per Year
Tuition	\$9,992	29,976
ASSP and technology fee (mandatory fees)	\$121	\$363
Room and Board	\$1,125	\$3,375
Textbooks, supplies, average loan fee (for student-loan borrowers), miscellaneous/personal, and transportation average cost	\$1,173.33	\$3,520
Total	\$12,411.33	\$37,234

\*Estimated.

## Costs and Financial Aid

[Undergraduate Costs and Financial Aid](#)

[2011-12 Tuition and Fees](#)

[Financial Arrangements and Services](#)

[Refunds and Account Adjustments](#)

[Financial Aid](#)

## FINANCIAL ARRANGEMENTS AND SERVICES

### Registration

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 provides proper written notification (see also [Refunds and Account Adjustments](#)).

### Student Account System

An electronic notification of a statement reflecting tuition and fee charges, payments, and amounts due will be sent to the student's SPU email address each month. [Student Financial Services](#) will also send a copy of the account statement to an additional recipient (such as the student's parent) with the student's [authorization](#). 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 representative.

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 mailed to

**Seattle Pacific University**  
**Student Financial Services**  
**3307 Third Avenue West, Suite 114**  
**Seattle, Washington 98119-1922**

Or checks may be delivered in person to Student Financial Services, located in [Demaray Hall 10](#).

In addition to checks, the University accepts [automated payments](#) via an e-check (automated 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

Students have three options to meet their financial obligations:

- [\(A\) Pay in full](#) by the payment in full due dates.
- [\(B\) The combined installment](#) payment plan.
- [\(C\) The three-installment](#) payment plan.

The student account must be paid in full to be able to register for subsequent quarters.

### Payment Option A: Pay in Full

Students may meet their financial obligations each quarter by paying in full by October 17 for Autumn Quarter, January 17 for Winter Quarter, and April 17 for Spring Quarter.

If payment in full is not received by these dates, the account will be subject to late charges. Students are automatically placed in Payment Option A, unless they are approved through the application process for option B or C.

### Payment Option B: Combined Installment Plans

The Seattle Pacific University Combined Installment Plan combines autumn, winter, and spring Three Installment Plans into one application and agreement. Students who plan to attend Autumn, Winter, and Spring quarters may choose the Combined Installment Plan.

The plan will divide the total quarterly costs (after financial aid\* is applied to the account) over three payments instead of one for each quarter (Autumn, Winter, and Spring quarters). Student Financial Services will complete a payment plan worksheet and notify the student of his or her monthly payment schedule.

In order to participate in this plan, the student must return [a completed application](#) along with an \$80 application fee to Student Financial Services according to the following schedule (a new application and fee must be submitted each academic year). Visit [Student Financial Services](#) for more details.

<b>2011-12 Academic Year</b>	<b>Due Date</b>
Application and \$80 fee	September 9, 2011
<b>Autumn Quarter 2011</b>	
First payment	October 17, 2011
Second payment	November 15, 2011
Third payment	December 15, 2011
<b>Winter Quarter 2012</b>	
First payment	January 17, 2012
Second payment	February 16, 2012
Third payment	March 15, 2012
<b>Spring Quarter 2012</b>	
First payment	April 17, 2012
Second payment	May 18, 2012
Third payment	June 19, 2012

### Payment Option C: Three Installment Plan

If students choose this Three Installment Plan option, the total charges after all financial aid\* is applied to the account will be divided into three payments.

Student Financial Services will complete a payment plan worksheet and notify the student of the monthly payment schedule. In order to participate in this plan, the student must return a [completed application](#) along with a \$40 application fee each quarter to Student Financial Services according to the following schedule. Visit [Student Financial Services](#) for more details.

<b>Autumn Quarter 2011</b>	
Application and \$40 fee	September 9, 2011
First payment	October 17, 2011
Second payment	November 15, 2011
Final payment	December 15, 2011



**Winter Quarter 2012**

Application and \$40 fee	December 9, 2011
First payment	January 17, 2012
Second payment	February 16, 2012
Final payment	March 15, 2012

**Spring Quarter 2012**

Application and \$40 fee	March 16, 2012
First payment	April 17, 2012
Second payment	May 18, 2012
Final payment	June 19, 2012

**Example of Payment Alternatives for Families**

A student registers for a full course load (12–18 credits) per quarter and lives in a University residence hall. The total balance per quarter is as follows:

Service	Cost
Tuition	\$9,992
Fees	\$121
Room and Meal Plan	\$3,033
Subtotal	\$13,146
Financial Aid*	-\$6,276
Balance Owed	\$6,870

Students and their families have three options to meet their University cost obligation:

**Option A: Pay in Full**

\$6,870 due October 17, 2011

**Option B: Combined Installment Plans**

\$80 application fee and application due September 9, 2011.

\$6,870 balance owed for each quarter.

$\$6,870 \div 3 = \$2,290$  (due monthly in Autumn, Winter, and Spring quarters.)

**\$2,290 is the monthly payment plan amount** and follows the Combined Installment payment schedule:

Payments	Due Date
<b>Autumn Quarter 2011</b>	
First payment	Due October 17, 2011
Second payment	Due November 15, 2011
Third payment	Due December 15, 2011
<b>Winter Quarter 2012</b>	
First payment	Due January 17, 2012
Second payment	Due February 16, 2012
Third payment	Due March 15, 2012
<b>Spring Quarter 2012</b>	
First payment	Due April 17, 2012
Second payment	Due May 18, 2012
Third payment	Due June 19, 2012

**Option C: Three Installment Plan, With Autumn Quarter Example**

\$40 application fee and application due September 9, 2011.

$\$6,870 \div 3 = \$2,290$  is the monthly payment-plan amount and follows the Three Installment Plan schedule for Autumn Quarter.

Payments	Due Date
First payment	Due October 17, 2011
Second payment	Due November 15, 2011
Final payment	Due December 15, 2011

*\*Financial aid includes SPU scholarships, grants, federal and state grants and scholarships, outside scholarships and grants, student loans, and parent PLUS loan. Work study cannot be used in the calculation of payments. Amount of financial aid listed is random.*

### **Late Payments**

Students who don't pay their account in full or who fail to make a Combined Installment Plan or Three Installment Plan scheduled payment will have a late fee assessed to their student account. The monthly late fee of 1.25 percent will be assessed on the balance owed after the payment-in-full due dates. Students with past-due account balances, including any balance that is adjudged to be discharged, will not be permitted to register for future quarters, obtain an official academic transcript, or receive a diploma.

### **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.

### **Late Charges**

A late fee (15 percent per annum, 1.25 percent per month) will be assessed against any owing balance shown on the student's last statement of account.

### **Unpaid Student Charges**

A student who has delinquent financial obligations, or any financial obligation that is adjudged to be discharged, will not be permitted to register or attend classes for subsequent quarters or receive official transcripts until such obligations have been satisfied. The University reserves the right to deny enrollment, including advance registration or extension of credit, to any student who does not meet past-due obligations or fulfill financial commitments to the University. The student will also not be eligible to receive their diploma.

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.

### **Change of Registration Charges**

A change of registration fee of \$50 is charged if a student makes adjustments to his or her schedule of classes outside of the deadlines. Students may register for evening courses (courses beginning 4:30 p.m. and later) through 5 p.m. on the fifth day of the quarter. It is expected that all students adhere to registration deadlines.

### **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.

### Credit Balances

If financial aid overpays the student account, Student Financial Services will contact the student via email when credit balances are available. Credit balances are delivered via [direct deposit](#) or mailed to the student's current address on file.

### Banking Services

Commercial banking services are conveniently available to students. [U.S. Bank](#) is located on campus adjacent to the [SPU Bookstore](#). There are also four cash machines available on campus. One is located outside of the U.S. Bank, one is in the [Student Union Building](#), the third is a Bank of America ATM in the [Weter Hall](#) foyer and a fourth, BECU, is next to the SPU bookstore.

### Personal Budgeting and Finances

Student Financial Services believes that a college education is a worthy investment in your future. We are committed to creating opportunities, such as Cash Course at SPU, [Financial Education Sessions and Helpful Links about Managing your Money](#), for you to develop foundational financial understanding, knowing that informed financial decisions will help you realize your future goals.

### Costs and Financial Aid

[Undergraduate Costs and Financial Aid](#)  
[2011-12 Tuition and Fees](#)  
[Financial Arrangements and Services](#)  
[Refunds and Account Adjustments](#)  
[Financial Aid](#)

### REFUNDS AND ACCOUNT ADJUSTMENTS

If a student decides to add or drop courses, withdraw from school, or delete other contracted services, an official change of registration must be processed. This may be handled by filing the change of registration form in [Student Academic Services](#) or using the [Banner Information System](#). If a student plans to withdraw from University housing (i.e., cancel the room and meal plan contract), proper notification must also be provided to [University Services](#).

If a student does 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 a student's account when the official change of registration form 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.

In the event that enrollment changes result in a refund, tuition will be refunded according to the schedule that follows. In most cases, all eligible refunds, including overpayments, 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, the refund will first be applied against the owing balance. Any questions regarding tuition refunds should be directed to [Student Financial Services](#). [\[Back to top\]](#)

#### Schedule of Tuition Refunds for Day and Evening Classes

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 tuition adjustment, since the fee for 12 credits is the same as 15.*

##### 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)	\$9,992
Tuition for 10 credits (\$833 x 10)	\$8,330
Difference	\$1,662
75 percent refund	\$1,246.50
<b>Tuition due on dropped course</b>	<b>\$415.50</b>

### 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)	\$9,992
Tuition for 8 credits (\$833 x 8)	\$6,664
Difference	\$3,328
75 percent refund	\$2,496
<b>Tuition due on dropped course</b>	<b>\$832</b>

### 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 result is as follows:

Old level: 11 credits (\$833 x 11)	\$9,163
New level: 12 credits	\$9,992
<b>Additional due</b>	<b>\$829</b>

### Example Five

A student completely withdraws from all courses in the second week:

(Full tuition 13 credits)	\$9,992
75 percent refund	\$7,494
<b>Student owes</b>	<b>\$2,498</b>

### Effect on Financial Aid

Dropping courses may affect a student's current and continued eligibility for financial aid. Please refer to the [Satisfactory Progress](#) section under Financial Aid. It is recommended that students discuss the impact of dropping below 12 credits with their [student financial services counselor](#) prior to completing the drop or withdrawal process. [\[Back to top\]](#)

### 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: unsubsidized federal Stafford loan; subsidized federal Stafford loan; federal Perkins loan; federal PLUS loan; federal Pell/ACG/SMART grants; federal SEOG; other Title IV Aid programs, such as a TEACH Grant; other federal, state, private, or institutional aid; the student. [\[Back to top\]](#)

### Drop in Credits

If a student who receives financial aid drops courses to below a 12- credit load during a given quarter, a reassessment of the financial aid award may be made for that quarter. This may affect the amount actually credited to the student 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 deposit:

Autumn Quarter	by June 30, 2011
Winter Quarter	by December 7, 2011
Spring Quarter	by March 16, 2012

##### Continuing Students

Continuing students who contract for Autumn Quarter housing during the spring sign-up process will forfeit their deposit if they cancel anytime after reserving

housing. For Winter and Spring quarters, continuing students must cancel their contract by the following dates to receive a refund of their housing deposit:

Winter Quarter by November 28, 2011  
Spring Quarter by March 2, 2012

### **Room and Meal Plan Refund Schedule**

Students who withdraw from University housing after the beginning of the contract period will forfeit their room deposit and will receive a refund of their room and meal plan charges based on the date they sign their checkout form, according to the following schedule:

First week of the quarter*	90%
Second week of the quarter	75%
Third week of the quarter	50%
Fourth and fifth weeks of the quarter	25%
Sixth week of the quarter and following	0%

\*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.

## **Costs and Financial Aid**

[Undergraduate Costs and Financial Aid](#)

[2011-12 Tuition and Fees](#)

[Financial Arrangements and Services](#)

[Refunds and Account Adjustments](#)

[Financial Aid](#)

### **FINANCIAL AID**

Seattle Pacific University is pleased to work with students and parents in meeting educational costs. Scholarship programs, grants, loans, and employment opportunities are available at SPU to supplement families' financial resources for students who could not otherwise attend.

#### **Guidelines**

For need-based financial assistance, the contribution toward college costs expected from the student and his or her parents is calculated according to a federally mandated system called federal-need analysis, which takes into account many factors representing the family's financial situation.

1. To the extent funds are available, the University will supplement the amount expected from the family with scholarships, grants, loans, or employment (singly or in various combinations) not to exceed the amount of the student's documented financial need.
2. The total offer of institutional gift aid (tuition discounts, grants, and scholarships) is limited to the cost of tuition. (SPU Scholars and students invited into the [University Scholars](#) program may receive institutional aid up to the cost of tuition, and room and board as defined in the [financial aid cost of attendance](#) (PDF) found in [Expenses for 2011-12 Full-time Undergraduates](#); athletes and peer advisors are covered under separate policies that allow institutional gift aid above tuition costs).
3. The amount and source of assistance will be determined on the basis of available funding, the type of degree, and eligibility criteria for the various financial aid programs.
4. Total student gift aid eligibility may be comprised of federal, state, or institutional grants/scholarships (includes endowed/gift awards); gift aid is considered in this order: governmental grants, institutional scholarships, institutional grants. If a student is determined eligible for federal grants, state grants, and/or institutional scholarships post-awarding, those awards will be considered first to have met gift aid eligibility and may replace institutional grants.
5. To receive financial aid, a student must be enrolled for a minimum of 6 credits (courses numbered 0100–4999) per term in a program leading to an undergraduate degree or teacher certification from SPU. Media courses and courses numbered 5000–5999 are not eligible.
6. Full-time enrollment (12 credits per quarter) is required for scholarship eligibility.
7. To receive financial aid, a student must not have a default on a federal loan or owe repayment on federal grants.

Please review information about the financial aid process and deadlines, as well as criteria for maintaining eligibility.

#### **Application Process**

To apply for need-based financial aid through SPU, the student must:

1. Complete the [admissions process](#) and be admitted to the University.
2. Complete the [Free Application for Federal Student Aid](#) (FAFSA) and submit it to the central processor. The FAFSA may also be completed via paper (a form can be obtained at a secondary school or a college financial aid office).

If requested to do so, the student and his or her family must also provide additional documentation required to verify eligibility. The student must reapply for financial aid by completing a [FAFSA](#) each year.

To apply for [scholarships through SPU](#), the student must complete the admissions process, as the admission application also serves as the scholarship application.

### **Application Deadlines**

It is recommended that the FAFSA be processed as soon as possible after January 1 and that the student complete the admission process as soon after October 1 as possible. Since funding for most programs is limited and applications are processed in the order of their completion, it is to the student's advantage to apply as early as possible.

To be considered for [SPU Merit Scholarships](#), all admission application materials must be received by February 1 for high school students and by July 1 for transfer students.

### **The Financial Aid Offer**

Generally, students qualifying for financial aid receive a financial aid package containing one or more of the following types of aid: grants, scholarships, loans, and student employment. The proportion of each type of aid varies from student to student and year to year depending upon student eligibility, the amount of funds available in the various programs, and the type of degree. The student must validate that they understand and will comply with all regulations, responsibilities, and obligations by completing one [Master Conditions of Financial Assistance](#) (PDF).

The student will receive one initial paper offer of financial aid, called the Offer of Financial Assistance; all subsequent revisions to it and future offers will be communicated by email notification and accessed through the [Banner Info System](#).

If a student wishes to reduce or cancel any part or his or her entire offer, the student must contact [Student Financial Services](#). The student must inform Student Financial Services of additional resources not reported on the FAFSA during the period of the award.

### **Disbursement of Financial Aid**

Once a student has completed the financial aid application/award process, has fulfilled all the requirements listed on the student's Offer of Financial Assistance, and is enrolled for the required number of credits, grants and loans are disbursed by Student Financial Services 10 days prior to the start of the term. Financial aid, with the exception of earnings from employment, and grants and scholarships funded by the state, will be applied to the student's tuition and room and board account in the following ways:

1. SPU grants and scholarships and federal grants: This aid is automatically applied to the student's account.
2. Federal Perkins loans, nursing loans, and SPU undergraduate loans: Once the student has filled out the necessary papers and signed the promissory note, the loans may be applied to his or her account.
3. Federal Direct Stafford loan (subsidized and unsubsidized): The student will complete a [direct loan master promissory note \(MPN\)](#) and loan entrance counseling with Direct Lending. The funds will be automatically applied to the student's account.
4. Washington State Need Grant (WSNG) and Educational Opportunity Grant (EOG). The student may select through the [State of Washington Student Directive form](#) to have the funds electronically disbursed or disbursed through a check. If a student selects electronic disbursement the funds are automatically credited to the student's account at the beginning of each quarter. If the student selects check disbursement, the funds will be available by mail or direct deposit at the beginning of each quarter, but will not directly pay a student's account; the student is responsible for any owing balance.
5. All other Washington state awards, GEAR-UP, and health professional scholarships are disbursed via check, and are available for the student to pick up in [Student Financial Services](#) on or after the first day of the quarter.

The remaining balance due on a student's account can be paid from student employment, student contribution, summer savings, parent contribution (if a dependent), and other resources.

### **Satisfactory Progress**

To remain eligible for financial assistance, a student is expected to meet qualitative and quantitative academic requirements.

- Qualitative: students are expected to maintain a minimum GPA for all financial aid and minimum GPAs for SPU merit-based aid.
- Quantitative: the student must complete a minimum number of credits each academic year and students are to complete his or her degree within a specified period of time.

Satisfactory progress is evaluated annually at the end of the academic year (Spring Quarter) and applies to all students (current, past, or first-time financial aid applicants).

### **Minimum Grade Point Average**

A financial aid recipient must be in good academic standing at the University. At the completion of the second year (sophomore standing) the student must have a cumulative 2.0 GPA to remain eligible for financial assistance, including Title IV (federal) funding. Students who do not achieve a 2.0 cumulative GPA will be ineligible for further financial assistance until the cumulative GPA is achieved. (Note: A higher minimum GPA may be required for scholarship recipients. Refer to the [Scholarship/Grant](#) section for specific renewal criteria).

### **Minimum Credit Requirement**

Students must complete at least 80 percent of all attempted credits each academic year to be eligible for financial assistance. Each accepted transfer credit will be considered both an attempted and completed credit. The calculated percentage will be rounded up to the nearest full-credit hour. Completed credits are defined as coursework that has received a grade of A, B, C, D, or "P" at the end of the academic term. Grades of E, W, G, I, or N do not receive any credit; therefore they do not count as completed credits each quarter.

### **Maximum Time Frame**

A student receiving financial aid must complete a degree within a reasonable period of time. Financial aid will be awarded to students in an eligible undergraduate program for a maximum of 270 total attempted credit hours, including transfer credits accepted toward the degree.

### **Consequences of Unsatisfactory Progress**

A student who does not maintain Satisfactory Progress (minimum GPA and completed credit requirements and complete his or her degree within the maximum time frame) will be ineligible for financial assistance.

### **Appeals for Reinstatement of Eligibility**

Students have the right to appeal their eligibility for financial aid. Written appeals due to extenuating circumstances (death of a relative, illness or injury of the student, or other special circumstances) should be submitted to the student's [financial services counselor](#). Please note that some financial-aid programs may have criteria that vary from the above-stated progress standards. Detailed information about these programs is included in [Managing Your Financial Aid](#).

### **Results of Appeals (Probation)**

Appeals will be approved only if the student will be able to meet Satisfactory Progress after the next quarter or Student Financial Services has approved an academic plan with the student that, if followed, will ensure the student is able to make Satisfactory Progress by a designated point in time. Students with an approved appeal will be considered to be on financial aid probation; students on probation may receive aid for one probationary quarter. After the probation quarter, students must meet the Satisfactory Progress standards or the requirements of their academic plan, failure to do so will mean a forfeit of eligibility for financial assistance.

### **Return of Funds**

In the event that a student leaves school during a quarter for which he or she has received financial aid, all or part of the funds that have been disbursed may have to be repaid. The amount of the repayment will be determined according to the length of time the student was in school. See [Refunds and Account Adjustments](#) for details.

### **Veterans' Benefits**

Seattle Pacific University's academic programs of study are approved by the Higher Education Coordinating Board's State Approving Agency (HECB/SAA) for enrollment of persons eligible to receive educational benefits under Title 38 and Title 10, U.S. Code. To obtain information on these benefits, contact the veterans' coordinator in Student Academic Services.

### **Scholarships/Grants**

Unless otherwise stated, scholarships and grants are available only to students pursuing their first undergraduate degree. Full-time enrollment (12 credits per quarter) is required for scholarship eligibility. University funded scholarships and grants are not available during Summer Sessions. In some cases federal and state programs are available. Complete information about these

programs is available in [Student Financial Services](#) or by visiting the [online list of Scholarships/Grants](#).

### **Other Scholarship Funds**

A number of scholarship funds have been established by interested individuals and groups for use by the University in its financial aid program. Unless otherwise noted, for priority consideration new students must be admitted to the University by February 1 and have filed all necessary application materials by that date. Scholarship amounts vary from year to year.

### Other Scholarship Funds.

## **LOANS**

**Federal Perkins Loan.** This program combines funds from the U.S. Department of Education and SPU. The loan fund is limited and targets the neediest students. The borrower must satisfy eligibility requirements as established by the U.S. Department of Education and demonstrate financial need. Perkins loans carry a simple interest rate of 5 percent and are repayable over a 10-year period following graduation, or dropping below a half-time credit load, or withdrawing from school. No interest is charged while students are in school and during a nine-month grace period thereafter.

**Federal Direct Parent PLUS Loan.** Parents of dependent undergraduates enrolled at least half-time can borrow money through the US Department of Education to help supplement educational costs. Direct PLUS loans have a fixed interest rate of 7.9 percent. Eligibility depends on a credit check to determine whether the borrower has an adverse credit history. Repayment begins 60 days after the loan is fully disbursed. Additional information regarding repayment is available on the loan master promissory note and from the Direct Loan Program.

**Federal Nursing Student Loan Program.** Nursing students with at least sophomore standing may be eligible for loans to assist in meeting their educational expenses. Nursing loans carry a simple interest rate of 5 percent and are repayable over a 10-year period, beginning nine months after completion of the course of study, or dropping below half-time credit load, or withdrawing from school. No interest is charged while students are in school and during a nine-month grace period thereafter.

**Federal Direct Stafford Loans** (subsidized and unsubsidized). Dependent undergraduate students may borrow up to \$5,500 the first year, \$6,500 the second year, and \$7,500 the remaining years in subsidized Stafford loans. Independent students, or dependent students whose parents were denied a PLUS loan, may borrow up to \$9,500, \$10,500, and \$12,500.

These loans are made through the U.S. Department of Education. Any student is eligible to apply who satisfies the eligibility requirements as established by the U.S. Department of Education. The federal subsidized Stafford loan interest rate varies depending on when the student borrows the funds.

For undergraduate students, subsidized loans disbursed between July 1, 2011, and June 30, 2012, will have a fixed interest rate of 3.4 percent. Unsubsidized loans disbursed on or after July 1, 2006, have a fixed interest rate of 6.8 percent. No interest is charged on subsidized loans while students are enrolled at least half-time in a degree-seeking program and during a six-month grace period following graduation or a drop to less than half-time enrollment. Interest begins accruing immediately on unsubsidized loans.

Additional information regarding origination and default prevention fees, repayment and deferment is available on the loan master promissory note and from the Direct Loan Program.

**SPU Institutional Loan Program.** This program, sponsored by SPU, provides assistance to needy undergraduate students. Specific information about the program and student eligibility criteria are available in Student Financial Services.

**Emergency Advance of Pending Financial Aid Credit Balance.** Loan funds exist from which, under emergency conditions, limited amounts of money may be borrowed for up to 30 days. Application forms are available in Student Financial Services.

## **EMPLOYMENT OPPORTUNITIES**

The University supports a strong [student-employment program](#) through which it provides information regarding part-time employment opportunities. This job service is available to all SPU students, regardless of financial aid eligibility.

Part-time, on-campus, community service, and state work-study jobs are posted at the [Office of Student Employment](#). Once employed, students will complete time sheets and receive payment from the Student Payroll Office if they work on campus, or directly from their employer if they work off campus. It is the student's responsibility to make payment on his or her student



account from these funds if needed.

#### **Four Types of Student Employment**

**On-Campus Employment.** Several hundred jobs are available on campus for SPU students. All of these positions are available for students enrolled in 6 credits or more, regardless of their financial aid eligibility. For those students who have been awarded work study, as funding allows, they will be paid out of work-study funds. For those students who have not applied for financial aid, or who have not been awarded work study, they will be paid from non-work-study funds. Therefore, any on-campus job is available to any student and Student Financial Services will determine, after the student is hired, if the job should be classified as a work study or as a non-workstudy job.

**Community Service Employment, Off Campus.** These jobs are designed to assist our local community. Current positions are targeted to help at-risk youth, the homeless, and the elderly. There are a limited number of positions available through this program and the student must have applied for financial aid and been awarded work-study.

**State Work-Study Employment, Off Campus.** Students must have applied for financial aid, be WA state residents, and been awarded work study to be employed in the state work-study program. This program is sponsored by the state of Washington, and the participating employers are reimbursed by the state for a portion of the wages they pay work-study students.

**Off-Campus Employment, Regular Part-Time Jobs.** There are many part-time jobs from local employers posted on the Job Board outside Student Financial Services. These jobs are available for any SPU student regardless of financial aid eligibility.

#### **Scholarships/Grants**

All awards are subject to SPU [Financial aid satisfactory academic progress policy](#), unless otherwise noted below. In addition, refer to the scholarship description for additional criteria for eligibility.

**SPU Scholar Awards\*** are awarded to entering freshmen selected on the basis of demonstrated exceptional academic ability and whose lives have demonstrated their commitment to the vision and ideals of Seattle Pacific. They are full-tuition awards (12 to 20 credits per quarter) available for four consecutive years based on maintaining a 3.25 cumulative GPA and full-time continuous enrollment.

**Trustees' Scholar Awards\*** are awarded to entering freshmen on the basis of academic excellence. Available for four consecutive years based on maintaining a 3.0 cumulative GPA and full-time, continuous enrollment.

**President's Scholar Awards\*** are awarded to entering freshmen students based on academic excellence. Available for four consecutive years based on maintaining a 3.0 cumulative GPA and full-time, continuous enrollment.

**President's Transfer Scholar Awards\*** are awarded to entering transfer students based on academic excellence. Renewable through senior status based on maintaining a 3.0 cumulative GPA and full-time, continuous enrollment.

**Dean's Scholar Awards\*** are awarded to entering freshmen students based on academic achievement. Available for four consecutive years based on maintaining a 2.6 cumulative GPA and full-time, continuous enrollment.

**Dean's Transfer Scholar Awards\*** are awarded to entering transfer students based on academic achievement. Renewable through senior status based on maintaining a 2.6 cumulative GPA and full-time, continuous enrollment.

**Transfer Honor Scholar Awards\*** are awarded to entering transfer students based on academic achievement. Renewable through senior status based on maintaining a 3.0 cumulative GPA and full-time, continuous enrollment.

**Transfer Merit Scholar Awards\*** are awarded to entering transfer students based on academic achievement. Renewable through senior status based on maintaining a 3.0 cumulative GPA and full-time, continuous enrollment.

**Transfer Achievement Scholar Awards\*** are awarded to entering transfer students based on academic achievement. Renewable through senior status based on maintaining a 2.6 cumulative GPA and full-time, continuous enrollment.

**Direct Transfer Degree Scholarships** are awarded to entering transfer students based on academic excellence and receiving a [direct transfer degree](#) prior to enrollment. Renewable through senior status based on maintaining a 3.0 cumulative GPA and

full-time, continuous enrollment.

**Ames Leadership Scholarships** are awarded to under-represented ethnic minority high school graduates who may return to their communities and positively impact their world for Christ. Applicants must meet the Autumn Quarter admission deadlines and standards of SPU, complete a FAFSA and an [Ames Scholarship application](#) (pdf), also available through [Undergraduate Admissions](#), and demonstrate significant community and/or church involvement. Ames Scholars are expected to be involved in campus activities, campus or community leadership, and participate in quarterly leadership development events. During first year of their award Ames Scholars must participate in Early Connections, meet regularly with the Ames faculty or staff mentor, attend Ames college success workshops, and are strongly encouraged to live on campus. The annual award is available for up to five years if the student maintains full-time enrollment and maintains a 2.5 cumulative SPU GPA.

**Athletic Scholarships** are awarded to students who have demonstrated outstanding ability in men's and women's soccer, women's gymnastics and volleyball, women's and men's basketball, cross country, and track. Contact the [Athletic Office](#) for further information. Renewed on approval by the [Athletics Department](#).

**Federal Pell Grants** provide grants to qualified undergraduate students from moderate-to-low income families, as determined by a processed FAFSA.

**Federal Supplemental Educational Opportunity Grant (SEOG)** provides funds to the University for grants to students with financial need as determined by a processed FAFSA.

**Federal Teacher Education Assistance for College and Higher Education (TEACH) Grant Program** benefits current and prospective teachers who agree to teach full time for four years in a federally designated eligible school. Student must be admitted to the School of Education and seeking a teaching certificate with endorsements in math, science, foreign language, special education, bilingual education, or as a reading specialist. The funds from this program are automatically credited to your student account at the beginning of each quarter, provided all requested documents have been submitted to SFS, you are registered for the number of credits upon which your financial aid award was based, verification (if required) has been completed, and you continue to meet the grant requirements.

**Fine and Performing Arts Scholarships** are awarded on a competitive basis to students who have demonstrated outstanding musical, dramatic, and artistic talent. Contact the [Fine Arts Department](#) for further information. Renewed on approval by the Fine Arts Department.

**International Student Scholarships** are available in limited amounts. Contact the [Student Financial Services Office](#) for further information.

**Ministerial Tuition Discounts** are available to full-time, ordained, practicing pastors or missionaries who are pursuing studies to enhance their ministry. Contact [Student Financial Services](#) for application information.

**Ministry Scholarships** are awarded to full-time, undergraduate dependents who's parent(s) are in full-time ministry at a church, para-church, or mission organization. The scholarship is renewable through senior status, so long as the student remains in undergraduate-degree seeking study at Seattle Pacific University and continues to meet the qualifications.

**Minority Church Partnership Awards** provide matching scholarships to students who receive a scholarship from selected minority churches in the greater Seattle area. Complete information about this program is available in the [Student Programs Office](#).

**Peer Advisor Grants** are awarded to continuing students selected through a competitive selection process, and who will serve as peer advisors to resident students. Application is made available through the [Office of Residence Life](#).

**Phi Theta Kappa Transfer Scholarship** is awarded for academic excellence to one entering transfer student who has earned an associate of arts degree. Renewable for one additional year based on maintenance of a 3.0 cumulative GPA and full-time, continuous enrollment.

**Philip W. Eaton Scholarships** are awarded to students who demonstrate a record of academic competence and whose lives have demonstrated their commitment to the vision and ideals of Seattle Pacific. Available through senior status based on maintaining a 3.0 cumulative GPA and full-time, continuous enrollment.

**ROTC Academic Achievement Awards** are awarded to selected students who are awarded an Air Force or Army ROTC academic scholarship. Renewable for consecutive years through senior status based on maintaining a 3.0 cumulative GPA and

full-time, continuous enrollment. Recipients are required to live in University housing.

**SPU Alumni Scholarships** are awarded to full-time, dependent, undergraduate children of Seattle Pacific University graduates. Renewable through senior status based on the student continuing to be classified as dependent. No supplemental application is necessary.

**SPU BPA Science Bowl Scholarships** are awarded to entering freshman who have were on a team that won a Bonneville Power Administration (BPA) Science Bowl. Scholarships are available for four consecutive years and full-time continuous enrollment. Contact Undergraduate Admissions for more information.

**SPU-Church Matching Scholarships** up to \$500 are awarded to students who are awarded a scholarship from an organized Christian church in the United States or Canada as a result of a scholarship section process. Eligible "Churches" include: Christian churches in the United States and Canada and, for dependents of missionaries, missionary organizations in the United States and Canada. Contact [Student Financial Services](#) for further information.

**SPU FIRST Scholarships** are awarded to entering freshmen based on academic excellence who have participated on a FIRST Robotic Competition team during their junior or senior year. Scholarships are available for four consecutive years and full-time continuous enrollment. Contact Undergraduate Admissions for more information.

**SPU Free Methodist Scholar Awards** are awarded to entering freshmen based on demonstrated church, school, and community involvement, as well as affiliation with the Free Methodist Church from one of the supporting conferences. Available for four consecutive years based on maintaining a 3.0 cumulative GPA and full-time, continuous enrollment.

**SPU Grants** are awarded to undergraduate students on the basis of financial need, as established by a processed FAFSA. Students may receive this award for up to five years from first receiving the grant.

**SPU National Merit Scholarships** are awarded to full-time, entering freshmen who meet the regular admission deadline and qualify as finalists or semifinalists through the National Merit Corporation. Available for four consecutive years based on maintaining a 3.0 cumulative GPA and full-time, continuous enrollment.

**Transfer Electrical Engineering Scholarships** are awarded to entering transfer students based on academic excellence and intend to receive an [electrical engineering](#) degree. Funds are made available through the Engaging the Community to Achieve Success in Engineering (ECASE) program of the National Science Foundation. Renewable up to three years through senior status and full-time continuous enrollment. Contact Undergraduate Admissions for more information.

**Washington American Indian Endowed Scholarships** help financially needy students with close social and cultural ties to a Native American community to pursue undergraduate and graduate studies. More details can be found at [www.hecb.wa.gov](http://www.hecb.wa.gov).

**Washington Award for Vocational Excellence (WAVE)** honors three vocational students from each of the 49 state legislative districts for outstanding achievement in vocational/technical education. High schools, skills centers, and community and technical colleges nominate students based on occupational proficiency, leadership, community activities, work experience, and other qualities. A committee, representing business, labor, education, the legislature and citizens, makes the final selection. More details can be found at [www.hecb.wa.gov](http://www.hecb.wa.gov).

**Washington Health Professional Scholars** is a state-funded program that provides scholarships for students who have declared their intent to serve in a nursing shortage area in the state of Washington. Applications are available in the [School of Health Sciences](#). More details can be found at [www.hecb.wa.gov](http://www.hecb.wa.gov).

**Washington Passport to College Promise Scholarship** program created by the state of Washington, encourages foster youth to prepare for and succeed in college. You are eligible for this program if you spent at least one year in foster care after your 16th birthday, emancipated from foster care on or after January 1, 2007, will be enrolled at least half time in an eligible college by the time you turn 21, are a Washington resident, are not pursuing a degree in theology, or you have not yet earned a bachelor's degree. More details can be found at [www.hecb.wa.gov](http://www.hecb.wa.gov).

**Washington Scholar Awards** are available to students who have been designated as Washington scholars by the Washington State Higher Education Coordinating Board. Renewable based on maintaining the state's requirements for eligibility. More details can be found at [www.hecb.wa.gov](http://www.hecb.wa.gov).

**Washington State Need Grant (WSNG)** provides financial assistance to students enrolled at least half time who are Washington residents and have high financial need. Student Financial Services will nominate eligible students to the Washington State Higher Education Coordinating Board and will notify those who qualify. A processed FAFSA is required and

awards are made as funds are available.

\*A student may receive no more than one of the awards noted with an (\*) during the same academic year.

## Student Life

[Administrative Structure](#)  
[Community Standards and Policies](#)  
[Residence Life and Housing](#)  
[Student Programs](#)  
[Multi-Ethnic Programs](#)  
[Center for Career and Calling](#)  
[Center for Learning](#)  
[Health Services](#)  
[Student Counseling Center](#)  
[Student Records and Confidentiality](#)  
[Student Publications and Media](#)  
[University Publications and Publicity](#)  
[Sea Pac Pass \(campus cards\)](#)  
[Motor Vehicles](#)  
[Petitions for Exceptions to Policies](#)

A complete understanding of education recognizes that learning occurs both in and out of the classroom. Seattle Pacific University seeks to graduate people of competence and character who can lead the way for meaningful change in our world. Together with students, faculty, and staff, the [Office of Student Life](#) (OSL) strives to unite learning and living in a grace-filled community as we seek the uncommon path to a good life as described below:

- A life that harmonizes mind with heart, reflection with action, scholarship with celebration, and our own needs with the welfare of others.
- A life of wisdom that transforms ourselves, our students, our neighbors, and our world.
- A life restored to wholeness by the grace of a loving God.

### ADMINISTRATIVE STRUCTURE

#### **Associate Vice President for Academic Affairs/Dean of Student Life**

The [Office of Student Life](#) (OSL) is dedicated to enhancing a vital campus community through dynamic curricular and co-curricular opportunities. To unite these functions, OSL oversees the co-curricular education of students in partnership with academic life and reports directly to the [Office of Academic Affairs](#).

To further strengthen this relationship, the dean of student life serves as associate vice president for academic affairs, providing a liaison between academic work under the vice president for academic affairs and various student life programs. In addition to managing all the units that comprise OSL, the dean of student life acts as ombudsperson to all students to assist in resolving problems. The dean also works with the University's chief judicial officer in the matter of community standards and expectations, discipline issues, and appeals.

#### **Ombudsperson**

Students may request the services of the University ombudsperson as a neutral party who can assist in resolving problems that arise with respect to academic and student life policies. The ombudsperson will help students understand procedures, including both their rights and responsibilities as students, and the rights and responsibilities of University officials. The ombudsperson role does not substitute for the University judicial and appeal channel, but may assist students in understanding and navigating processes. Students wishing the services of a University ombudsperson should contact the associate vice president for academic affairs/dean of student life by calling 206-281-2481.

To resolve problems related to enrollment services, such as admissions, financial aid, student accounts, or registration and records policies, students may contact the Office of the Vice President for Administration and University Relations by calling 206-281-2650.

To appeal a decision to the vice president, a student must first complete the office or area process of appeal. This process is typically a written appeal to the department head. If the student is not satisfied that his or her interests were properly served by the area appeal process, an appeal may be directed to the vice president for administration and university relations. The appeal should include all information that was submitted through the area appeal process.

## Student Life

[Administrative Structure](#)  
**[Community Standards and Policies](#)**

[Residence Life and Housing](#)  
[Student Programs](#)  
[Multi-Ethnic Programs](#)  
[Center for Career and Calling](#)  
[Center for Learning](#)  
[Health Services](#)  
[Student Counseling Center](#)  
[Student Records and Confidentiality](#)  
[Student Publications and Media](#)  
[University Publications and Publicity](#)  
[Sea Pac Pass \(I.D. cards\)](#)  
[Motor Vehicles](#)  
[Petitions for Exceptions to Policies](#)

## COMMUNITY STANDARDS AND POLICIES

### Behavioral Expectations

Seattle Pacific University's [standards for behavior](#) are representative of the University's identity and are designed to provide a positive learning environment while promoting the intellectual, social, spiritual, and physical well-being of students. The expectations of the Seattle Pacific community, explained below, reflect the University's commitment to its Christian philosophy of education in the context of a Wesleyan heritage.

By enrolling at SPU, students agree to live according to the expectations outlined here. Non-matriculated students admitted to special programs are also expected to maintain these standards. Violations may result in disciplinary action. Any questions regarding these statements should be addressed to the chief judicial officer or the dean of student life in the [Office of Student Life](#).

### Community Support and Redemptive Discipline

Seattle Pacific University seeks to follow the biblical model of discipline as described in [Matthew 18:15–18](#) and [Galatians 6:1–2](#). The purpose of this kind of discipline is redemptive in nature, seeking to reconcile the person to God and to his or her neighbor. It is also progressive, normally beginning with a private conversation between two people (student to student).

If those two people cannot resolve the problem, the next level would include consultation with a staff member such as a peer advisor (PA), residence life coordinator (RLC), or a faculty or staff member. If it then cannot be resolved, it will be referred to counseling and/or judicial action by the chief judicial officer or the dean of student life.

When a situation involving a student or student organization appears to violate University policies, rules, regulations, or standards, it becomes the responsibility of the dean of student life, the chief judicial officer or their designees to implement the University's behavioral and disciplinary process.

Because the primary goal of the disciplinary process is educational and redemptive, the process is non-adversarial and is not to be considered analogous to court proceedings. Review meetings are not courtroom dramas. They are meetings among community members to give all parties the opportunity to identify concerns, explain perceptions, explore behavior, and hear suggestions. The emphasis is placed on student behavior, and the relationship of behavior to commitments and responsibilities inherent in accepting membership into the University community.

Students alleged to have violated the University's behavioral standards or expectations will be advised of the alleged violation or conduct concern and will be given the opportunity to provide oral and written statements and other relevant information to the chief judicial officer or the dean of student life or their designee(s) as determined by the dean of student life. Students will receive written notice of the outcome of any conduct review meeting or proceeding, including a description of any disciplinary action or sanction. The University may suspend a student immediately if, in the judgment of the University, the student's continued presence on campus or participation in an activity or program presents a threat to the health or safety of the student or to a member of the University community or is otherwise incompatible with the orderly operation of the University.

The University expects students to assume responsibility by fully participating in the disciplinary review process. Students are expected to appear for review meetings or proceedings. If a student fails to appear, the matter may still proceed. Sanctions may be imposed on a student refusing to appear or cooperate. Throughout the conduct process students have the responsibility to present truthful information and conduct themselves courteously.

The sanctions imposed depend upon the particular circumstances of each situation. Sanctions may be imposed singly or in combination, as appropriate to the circumstances of each situation. A student's conduct history will be considered in

determining a sanction, as will the nature of the violation. Repeated violations of policy may result in more severe sanctions and may eventually result in the removal of the student from the University. A student's failure to fulfill the terms of an imposed sanction may result in the imposition of more severe sanctions.

The types of disciplinary action or sanctions that may be implemented include, but are not limited to the following:

- Warning
- Written reprimand
- Disciplinary probation
- Suspension (termination of student status for a specified period of time and with specific conditions)
- Dismissal (termination of student status)

In some circumstances the student may also be required to participate in an educational activity; attend counseling; pay restitution or fines; provide community service; transfer to a different residence hall or housing unit; be suspended from housing; lose privileges; be excluded from activities; or be excluded from areas on campus.

**Appeals.** Students have the opportunity for a self-initiated appeal of a disciplinary action. Appeals may be addressed in writing to the appropriate University official within 48 hours of receipt by the student of the written notice of disciplinary action. If the University official instituting the discipline is a member of the residence life staff, then the appeal should be directed to the chief judicial officer. If the official instituting the discipline is the chief judicial officer, then the appeal should be directed to the dean of student life. If the dean of student life instituted the discipline, then the appeal should be directed to the vice president for academic affairs. A student may appeal a decision once.

Grounds for appeal are limited to four categories:

1. New information is material and was unobtainable at the time of the original review.
2. The sanctions imposed are not appropriate to the violation(s).
3. Procedural irregularities or errors occurred.
4. The student had the lack of a fair review.

The University attempts to provide ample information about community structures, expectations, and practices to all members, especially to those who are new each year. If you would like more information about behavioral standards or the disciplinary process, contact the chief judicial officer or the office of the dean of student life.

### **Seeking Help to Grow and Change**

It is our hope that each member of the SPU community is fully aware of his or her own behavior and the effects — positive or negative — that it may have upon the rest of the community. If a student knows that his or her behavior is outside of the limits established by the University and wishes assistance in changing this behavior, the student may take the initiative to discuss this concern with a peer advisor (PA), residence life coordinator (RLC), or faculty or staff member without the threat of disciplinary action.

A problem of this nature is defined as a personal issue, and the faculty or staff member will seek to work with the student toward the goal of restoration. (Exceptions to this approach may be where behavior is repetitive, self-destructive, hazardous to others, or involves a significant legal issue in which the University is obligated to uphold the law.)

If a faculty or staff member knows about the incident or situation from another member of the community, it can no longer be defined only as a personal issue. It may be considered a community issue and therefore may be subject to disciplinary actions. Any community that ignores problem behavior in effect condones it. Ignoring problem behavior in others not only gives tacit approval to the behavior in question, but also (biblically speaking) is the withholding of love from that individual.

In this light, if you believe a student is behaving in an unacceptable manner, you are encouraged to go directly to that person and express your concern about the behavior and the consequences it may bring to the community and/or to the individual. Community expectations should be clarified and the student should be asked if he or she is willing to agree to change the offending behavior. If there is a positive response and the behavior changes, the problem is resolved. If your confrontation does not solve the problem, or there is a continuing pattern of adverse behavior, encourage the student to seek assistance from a faculty or staff member.

If a student takes the initiative to seek help, it will be handled as a personal issue as described previously unless there is continued complaint from the community.

This written attempt to clarify the University's position on discipline is intended to call members of the SPU community to responsibility for their own behavior, and not to shift this responsibility to a select few leaders who are expected to maintain the standards. In sharing a more specific understanding of redemptive discipline, University officials recognize that each disciplinary issue has its own set of circumstances. Because of this, the disciplinary response may not be the same in every situation, but the desired outcome will always be the same: the reconciliation of the individual to himself or herself, to the SPU community, and to God.

### **Context for Community Standards**

As the University develops and implements its policies relative to lifestyle expectations, the standards are shaped and informed by four sources: legal authority (local, state, and federal law), Scripture, historic Christian tradition, and the mission of the University.

**Legal Authority.** Local, state, and federal laws address matters that directly influence University policy. Theft, possession or use of illegal substances, under-age use or possession of alcohol, any kind of harassment, physical abuse against persons or property (rape, assault, and vandalism), possession of firearms on campus, and violations of copyright laws are examples of the way laws interface with university policy.

**Scripture.** Scripture addresses issues relating to matters of character and integrity that impact the community and the relationships of those who are a part of the community. We affirm that all persons are of sacred worth and affirm that God's grace is available to all.

The University provides counseling services for those who need help in clarifying personal character issues, relational and behavioral; or those struggling with issues of morality and moral behavior.

**Historic Christian Tradition and the University Mission.** This area is the most difficult to define because our community is diverse in its concerns over certain issues. Nonetheless, our roots and values are deeply connected to the Free Methodist and other evangelical Christian churches. Evangelical churches are those that find their authority in God's word and stress the need for a personal, redemptive faith in Jesus Christ.

### **Sexual Harassment**

Seattle Pacific University is committed to maintaining an academic and social environment free of sexual harassment and assault. Members of our community have the right to work, study, and communicate with each other in an atmosphere free from unsolicited and unwelcome communication of a sexual nature.

Sexual harassment is a form of misconduct that violates the integrity and trust in human relationships. Sexual harassment does not refer to occasional appropriate compliments.

Rather, it is behavior that is personally intrusive, offensive, debilitating to morale, and insulting to human worth and dignity. Sexual harassment of students is marked by inappropriate sexually oriented attention by anyone (faculty member, staff member, or student) who is in a position to determine a student's grade or to adversely affect the student's academic performance, job performance, professional future, participation in campus activities, use of campus services and facilities, or ability to function reasonably in the SPU community.

Students who believe they have been sexually harassed or who have concerns about the appropriateness of faculty, staff, or student behavior may seek support and counsel from among a variety of helpful campus resources and people trained in the prevention of sexual harassment. The consultation will remain confidential if the student wishes. Formal complaints of sexual harassment may be addressed to the dean of student life (206-281-2481), the director of human resources (206-281-2809) or the Office of Academic Affairs (206-281-2125).

Further information and SPU's complete statement concerning sexual harassment is available from the [Office of Student Life](#) (phone: 206-281-2481), [Human Resources](#) (phone 206-281-2809), or [Safety and Security](#) (phone: 206-281-2922).

### **Notice of Non-Discrimination Policy and Discrimination Complaint Procedures**

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 religious educational institution operating under the auspices of 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:



**Associate Vice President for Academic Affairs/Dean of 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****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. Copies of the complaint resolution procedures may be obtained from the above designated individuals; the [Office of Student Life](#); or the [Office of Human Resources](#).

**Lifestyle Expectations**

Lifestyle expectations are the general standards that govern the personal conduct of all students and student organizations at SPU. Behaviors for which students or student organizations are subject to disciplinary action include, but are not limited to the following:

1. Actions that constitute violations of municipal, state, or federal law. The University reserves the right to follow its normal conduct process whenever a student is accused of a criminal act, regardless of the location of its occurrence and regardless of whether civil or criminal proceedings have been instituted against the student.
2. Actions that interfere with the educational process or the administration of the University, including those that obstruct or disrupt the use of University premises, buildings, rooms or passages, or which incite a disturbance.
3. Cohabitation and related forms of premarital, extramarital, or homosexual sexual activities. For more information on the subject of sexuality, refer to SPU's Statement on Human Sexuality.
4. The possession, use, distribution, or sale of alcohol or illegal drugs, or the illicit use of prescription drugs. Students must abide by State and Federal laws regarding alcohol, tobacco, and other drugs. The use or distribution of illegal drugs or the illicit use of prescription drugs is prohibited for all students. The University does not permit students to use or possess alcohol or tobacco products on University property or as part of any SPU activities. For further information see statement on [Drug-Free Workplace and Drug-Free Schools and Communities](#).
5. Dishonesty such as cheating or plagiarism; knowingly furnishing false information; alteration or unauthorized use of University documents, records or property; or the misuse of student identification.
6. Participation in any actions that involve discrimination or harassment based on race, color, national origin, religion, disability, or gender.
7. Any form of coercive or unwelcome sexual behavior, including sexual assault, rape, acquaintance rape, indecent liberties, or related actions.
8. Activities that cause or threaten emotional, mental, or physical harm or suffering; that demean the dignity of any individual; or that interfere with one's academic process. Examples of such actions are verbal threats or abuse, harassment, intimidation, threatened or actual physical assault, self-harming behaviors, or consistent disregard for the rights and welfare of others.
9. Conduct or activities that are lewd, indecent, or obscene, whether demonstrative, visual, verbal, written, or electronic (see the [Acceptable Use Policy Statement](#)).
10. Failure to comply with the directions of authorized University officials in the performance of their duties, including lack of compliance with the terms of disciplinary sanctions, failure to identify oneself when requested to do so, etc. A \$500 fine may be assessed.

11. False reporting or warning of an impending fire, bombing, crime or emergency, or tampering with safety equipment.
12. Unauthorized possession of, or damage to, University property or services, or property belonging to others. Unauthorized presence in, or unauthorized use of or duplication of keys to, University premises or property.
13. Possession, use or display on University property of any firearms, weapons, fireworks, live ammunition, incendiary devices, or other items that are potentially hazardous to members of the campus community.
14. Activities that may cause damage or constitute a safety or health hazard or interfere with the academic process. Such activities include, but are not limited to, entering or exiting buildings through the windows; throwing, projecting, or dropping items that may cause injury or damage; and pranks that create safety or health hazards and/or cause damage to University or personal property.
15. Any violation of other University policies, regulations, or rules.

### **Drug-Free Workplace and Drug-Free Schools and Communities**

SPU is subject to the requirements of the federal Drug-Free Workplace Act of 1988 and the Drug-Free Schools and Communities Act of 1989. The University strongly supports the 1988 and 1989 acts and consistently ensures compliance with them. SPU annually distributes information regarding the restrictions and consequences of violations of each act. Any student who has not received copies of the statements should contact the [Office of Student Life](#) in the Student Union Building (SUB), Second Floor, or [Human Resources](#) at 330 West Nickerson.

The purpose of SPU's Alcohol, Tobacco, and Drug Use Policy is to support the educational mission of the University with standards of personal health, moral integrity, and social consciousness. The policy is also intended to provide guidelines for members of the University community who are sensitive to the varieties of Christian perspectives represented on campus, the Free Methodist Church, and the community at large. For some, this represents an area of personal liberty, but for others it is a stumbling block. In keeping with our heritage, we expect undergraduate students of legal age who choose to consume alcohol off-campus, to do so responsibly and to refrain from drunkenness (intoxication) at all times, and to not involve themselves in situations where excessive consumption and irresponsible behavior is taking place.

Misconduct related to alcohol consumption or drug use that creates risks for one's safety, threatens the safety of others, detracts from the living-learning community, disrupts the university community (either on or off campus) is a violation of SPU's policy and may result in disciplinary action. Illegal, underage consumption and/or possession of alcohol will not be permitted either on or off campus. Students who host or in any way assist or promote a gathering (on or off campus) that includes alcohol given to underage persons, underage consumption of alcohol, illegal drug usage, or any drunkenness (intoxication) will be subject to the disciplinary process, up to and including dismissal. Those living at the location where a party is hosted may be held responsible as hosts regardless of who provides the alcohol.

The use of alcohol, tobacco or illegal use/possession of drugs on campus or at any of SPU's activities will be grounds for disciplinary action, up to and including dismissal. A student who is found on campus, or at any University activity, to be exhibiting behaviors which indicate that s/he may be under the influence of alcohol or other drugs, can expect to be confronted, challenged, and disciplinary action may be taken.

If the abnormal behavior resulted from prescription drug use in compliance with a physician's instructions, then the policy may be waived. If the behavior is a result of drug abuse or alcohol use, the student will be subject to further disciplinary action, up to and including dismissal and referral for prosecution. If the behavior results in a conviction of a violation of criminal drug or alcohol laws, the disciplinary actions will be dictated by the Drug-Free Workplace regulations.

If a student is required to complete a drug treatment and rehabilitation program as part of the disciplinary action resulting from a violation of this policy, official records of the diagnosis or treatment will be kept for three years in the student's records. The file will be held in the strictest confidence and will be used only as evidence to governmental and granting agencies that the University did in fact take steps toward correcting the problem.

### **Other University Policies**

**Representing the University.** No individual or group of students may represent the University outside the campus without the explicit sponsorship of a University department or the written permission of the dean of student life.

**Church- or Parachurch-Related Activities on Campus.** Christian parachurch and Christian church-related groups must obtain permission to be a registered campus group from [University Ministries](#) (formerly Campus Ministries). They must provide, upon request, a doctrinal/ purpose statement and are required to have a faculty sponsor and student contact

person. Regular meeting times and events must be cleared with the Office of University Ministries, so as not to conflict with existing University programs.

**Distribution of Literature.** University departments and recognized campus organizations may distribute handbills or program announcements through the campus postal system. Materials not distributed by a faculty or staff office must be approved by the Uni-Com information desk or the Office of Student Life. A copy of the item to be distributed must be filed with the Uni-Com desk, located in the Student Union Building, at the time approval is requested.

University departments and organizations may also distribute information by hand, but must make provisions for collecting all discarded material to prevent campus littering. On-campus groups mailing printed material to 25 or more off-campus individuals should seek clearance for their mailing from the Office of University Communications. Off-campus groups may distribute literature on campus only with the written approval of Uni-Com (or the [Office of Academic Affairs](#) in Demaray Hall 210). Normally, approval will be granted only to organizations that are noncommercial in nature and consistent with the University's mission. Information presented must be in conformity with the philosophy and policies of SPU.

**Facilities Usage.** In accordance with University policies and procedures regarding scheduling and fees, student groups may use University facilities on a space-available basis. Compliance with institutional policies as set forth in this publication, and the mission and educational goals statement of the University are required for authorized facility use. Students found in buildings after closing hours must have in their possession a note signed by the appropriate departmental chairman or the dean of student life. Safety and security patrols routinely check late occupants of buildings. Students are expected to comply with the security officers' requests, which may include vacating buildings or producing proper identification.

All signs, posters, and handbills for distribution in and around the SUB and campus kiosks must be approved at the Uni-Com desk and may be posted only in designated areas. A copy of items to be posted must be filed with the Uni-Com desk when approval is requested. Items may not be affixed to walls, light poles, trees, or other non-designated areas such as windows and doors. Individuals and organizations are held responsible for costs incurred in removing improperly posted items and are liable for damages caused by improper posting. Posting on departmental boards or on boards designated for specific offices requires the additional approval of the person responsible for the board. The department director or his or her administrative assistant will determine where you may post approved materials in their area. Posters larger than 24" by 35", banners and other nontraditional items require special approval by the Office of Student Programs. Student election posters must conform with the ASSP Student Elections Task Force policies and procedures. Violations of those posting procedures are reviewed by the Elections Task Force. Approved notices from local churches may be displayed only on the designated board in Gwinn Commons. Materials from commercial organizations normally will not be approved for posting. Materials posted in residence halls require the approval of a residence life coordinator.

**Solicitation.** Recognized on-campus groups or organizations are permitted to solicit in approved campus locations provided they have:

1. A completed and approved Reservation form (available at the Uni-Com desk)
2. Payment of appropriate vending fee, if required.

The time, place and manner of solicitation is subject to regulation by the University, and will only be granted for organizations that are consistent with the University's mission. Recognized SPU organizations may solicit door-to-door in residence halls for selected projects only. Door-to-door solicitations require approval from the director of residence life. Students, student groups, and off-campus persons selling commercial products or services are not permitted to sell door-to-door in the residence halls under any circumstances. They may sell at other campus locations only with the written approval of the Office of Student Life.

The University will not assist commercial agents (such as insurance agents or other salespersons) in contacting students. They may not have access to student directories or campus postal facilities. Private parties may inform students of items for sale through an ad in the campus newspaper, on SPU Classifieds online, or by posting a notice on designated bulletin boards in the SUB or Gwinn Commons.

**Speaker Policy.** As a Christian institution of higher learning, SPU values the sharing of knowledge, the search for truth and the social, intellectual, and spiritual development of students. The University recognizes that free inquiry and free expression are essential to learning. Therefore, SPU promotes the development of an atmosphere in which one can ask questions and evaluate divergent points of view.

For information on speaker policy, contact the director of student programs at 206-281-2483, or visit the office in the Student Union Building, second floor.

**Acceptable Use Policy and Campus Computer Network Use.** The Purpose of the University's "Acceptable Use Policy" is to outline individual responsibilities in the legal, ethical, and appropriate use of University computer systems and network resources. All persons utilizing the campus network are expected to review, understand, and abide by the conditions set forth in the policy. Please refer to the [Acceptable Use policy](#) for details on these expectations and requirements.

## Student Life

[Administrative Structure](#)

[Community Standards and Policies](#)

**[Residence Life and Housing](#)**

[Student Programs](#)

[Multi-Ethnic Programs](#)

[Center for Career and Calling](#)

[Center for Learning](#)

[Health Services](#)

[Student Counseling Center](#)

[Student Records and Confidentiality](#)

[Student Publications and Media](#)

[University Publications and Publicity](#)

[Sea Pac Pass \(I.D. cards\)](#)

[Motor Vehicles](#)

[Petitions for Exceptions to Policies](#)

## RESIDENCE LIFE AND HOUSING

### Living on Campus

The educational mission of Seattle Pacific University is not limited to the classroom experience. Faculty and staff members realize that the collegiate years are a period of significant developmental change for most students. It is in the context of community that the University can best fulfill its educational mission to the "whole person." Living on campus is an integral part of a student's educational experience.

Living in community offers many opportunities for fulfillment and growth. Students will meet many different people and have the chance to form lasting friendships. They will also have the opportunity to nurture their faith as they consider viewpoints other than their own. Our hope is that they will develop an appreciation and respect for their peers as they find their own unique ways to contribute to the group. In addition to the community standards for all students, students living on campus have the responsibility to uphold residential policies which are designed to provide a positive learning environment for all students. (Please refer to the *Residential Student Guidebook*, which is received when contracting for campus housing.)

**The Residential Living Requirement.** Since it was founded in 1891, Seattle Pacific University has been committed to the education of the whole person. For this reason, the residential experience is considered an integral part of a student's education. Research shows that students who belong to a campus residential community have a more productive, and ultimately more satisfying, college experience than those who live off campus.

A two-year guarantee of housing (six consecutive quarters) is given to first-time freshmen. SPU strongly encourages students to live on campus subsequent quarters as space is available. The Residential Living Requirement is evaluated yearly to support the residential experience, as well as respond to housing demand.

For the 2011–12 academic year, students are required to live on campus unless:

- They are 20 years or older prior to the first day of class for the quarter for which they are applying.
- They live at home with parent(s), legal guardian, spouse, or dependent children.
- They are a graduate student.
- They are enrolled for 8 credits or less.

If you do not fulfill one or more of these requirements and believe you have a situation that warrants special consideration, you may petition the [Office of Residence Life](#) for an exemption. Approval is granted for only exceptional need or hardship.

Any student living off campus without the approval of the Office of Residence Life will not be permitted to register until he or she is in compliance. Petitions must be received no later than July 15 for the subsequent academic year. For more information, call the [Office of Residence Life](#) at 206-281-2043.

### **Campus Housing**

**Undergraduates.** SPU provides housing for approximately 1,800 undergraduate students in residence halls, apartments, and houses. The residence halls vary in size from approximately 120 to 420 residents. [Ashton, Hill](#), and [Moyer](#) are traditional residence halls, consisting of two- and three-person rooms and common bathroom facilities. [Emerson Hall](#) features suite-style rooms; the typical configuration is a double room on either side of a connecting bathroom. All rooms are furnished and include cable television service and Internet access. Residence halls are closed during Christmas and Spring Breaks.

Campus houses and apartments accommodate two or more residents, depending on the size. Each unit is fully furnished and includes SPU telephone service, Internet, cable TV, and utilities. Returning and transfer students are given priority for these units.

Students must be admitted to the University before applying for housing. First-time freshmen and transfer students are prioritized separately by the date their admissions applications are received — the earlier your date, the higher your priority. First-time freshmen have priority for the residence halls. Transfer students have priority for the campus apartments.

Beginning in April, admitted undergraduates will receive a *Campus Living* booklet with instructions on how to apply for housing. If a student is admitted after April 1, the packet will be mailed within two weeks of the student's admission date. For more information, call [Housing and Meal Plan Services](#) at 206-281-2188.

**Families and Graduates.** SPU also has housing options available for students with families, graduate students, and non-traditional aged students (25 years and older).

[Family, Graduate, and Non-Traditional Learner Housing](#) consists of houses, apartments, and duplexes, located on campus or within walking distance. Units range from one to three bedrooms. Water, sewer, garbage, and basic cable are included in the rent. Each tenant is responsible for electricity, gas, and phone. Students who would like to apply for Family, Graduate, and Non-Traditional Learner Housing must be admitted to the University. Only the student, his or her spouse and/or dependent children under age 18 (age 24, if attending college full time) may occupy campus housing. For more information, call Housing and Meal Plan Services at 206-281-2188.

### **Housing Accommodations for Students With Disabilities**

Students requesting special housing accommodations due to a documented disability should inform the coordinator for [Disability Support Service \(DSS\)](#) in the [Center for Learning](#). New students must contact the coordinator for DSS by June 1 for Autumn Quarter housing accommodations. Returning students must notify the coordinator for DSS by April 1 for Autumn Quarter housing accommodations. For more information on services and accommodations for students with disabilities see the Disability Support Services section under the [Center for Learning](#).

### **Leadership**

Seattle Pacific has staff in residence to help students adapt to living in community on campus. Peer advisors (PAs) are student leaders who live on each residence hall floor and in the campus apartments. PAs are trained to provide leadership to the residents and plan activities and programs. Residence life coordinators (RLCs) are professional staff members who live in each residence hall. They train and work with the PAs and oversee the administration of the building. Student ministry coordinators (SMCs) live in the halls and focus specifically on meeting students' spiritual needs.

Residence hall students elect a hall council executive committee each year to oversee the hall budget, plan activities, and represent them at the Student Senate. Students may choose to become a hall council member and serve as a floor representative at meetings within the hall.

### **Campus Dining**

Our main dining facility, [Gwinn Commons Dining Hall](#), offers a restaurant-style atmosphere and menu to accommodate student preferences. SPU also has a campus convenience store ([Corner Place Market](#)), and a retail restaurant and grill ([Falcon's Landing](#)). Espresso drinks and snacks are served at Academic Perks in Falcon's Landing and the coffee shop in Weter Lounge.

Gwinn Commons provides food service beginning with the evening meal the day residence halls open and ending with the evening meal on the last day of finals. Food service is not provided in Gwinn Commons or Falcon's Landing (including Academic Perks) during Thanksgiving, Christmas, or Spring breaks. Retail hours are subject to change.

**Residence Halls.** All students who reside in Ashton, Hill, Emerson, and Moyer are required to choose a quarterly meal plan, either the Unlimited or a Weekly Block plan.

Each plan combines access to Gwinn Commons Dining Hall with a set amount of SPU Points to spend at any dining location. SPU Points are worth a penny a point and save the user sales tax. Unused SPU Points will roll from quarter to quarter, but not from year to year.

**Campus Apartments.** Although not required to have one, students living in campus apartments may choose any [meal plan](#), including a *Block 25* (25 entrances into Gwinn Commons), *Block 50* (50 entrances into Gwinn Commons), or *Advantage Points*.

Advantage Points are used in the same manner as SPU Points but are not linked to a quarterly meal plan. A minimum purchase of \$15 is required. Unused Advantage Points will roll from quarter to quarter and year to year. Block 25, Block 50, and Advantage Point plans are nonrefundable.

Meal plans are nontransferable. There are no refunds or adjustments made for meals missed. Meal-plan changes may be made at the end of each quarter to be effective the following quarter. Please refer to the *Residential Student Guidebook* for specific dates. Additional information regarding meal plans is available from [Housing and Meal Plan Services](#) at 206-281-2188.

### Room and Meal Plan Contract

The *Residential Student Guidebook* is incorporated in and is binding as part of the Room and Meal Plan Contract. The University reserves the right to make changes to the contract as appropriate. It is the student's responsibility to read and comprehend the University regulations including those in the Room and Meal Plan Contract, *Residential Student Guidebook*, and this document.

A Room and Meal Plan Contract remains in effect until the end of the contract period, but may be terminated under the following conditions:

- If a student officially cancels his or her enrollment.
- If a student violates the terms of the contract; University regulations; or local, state or federal laws. SPU reserves the right to cancel the contract with no refund of room and meal plan charges.
- If a student is not required to live on campus (see [Residential Living Requirement](#)).

A student contracts for a space on campus but not for a specific hall, room, apartment, or roommate. The University reserves the right to the following:

- Assign roommates unilaterally.
- Reassign students who are without roommates.
- Use a room when it is not occupied.
- Assign single rooms.
- Reassign students to different units in the event such reassignments are deemed necessary.

Priority for University housing is given to matriculated (admitted) students registered for 9 credits or more each quarter. Students enrolled for 3-8 credits are housed as space permits. Dropping to part-time status from full-time status does not automatically cancel the Room and Meal Plan Contract.

Room and meal plan costs are listed under the [Tuition and Fees](#) section of the *Catalog*. Refund schedules and cancellation charges are outlined in the [Refunds and Account Adjustments](#) section of the *Catalog*.

## Student Life

[Administrative Structure](#)  
[Community Standards and Policies](#)

[Residence Life and Housing](#)  
[Student Programs](#)  
[Multi-Ethnic Programs](#)  
[Center for Career and Calling](#)  
[Center for Learning](#)  
[Health Services](#)  
[Student Counseling Center](#)  
[Student Records and Confidentiality](#)  
[Student Publications and Media](#)  
[University Publications and Publicity](#)  
[Sea Pac Pass \(I.D. cards\)](#)  
[Motor Vehicles](#)  
[Petitions for Exceptions to Policies](#)

## **Student Programs**

Becoming involved as a student is an essential element for success in college. [Student Programs](#) is committed to helping Seattle Pacific University students maximize their educational experience through a full spectrum of opportunities and programs.

### **Student Leadership**

Seattle Pacific University is recognized for its quality of student leaders and leadership programs. Our programs help students identify personal abilities and foster a supportive environment in which they can be utilized. Working in close coordination with the [Associated Students of Seattle Pacific \(ASSP\)](#), we offer classes and a diversity of leadership activities. Specific programs include various clubs and organizations, leadership practicum, the [Student Activities Board \(STUB\)](#), student publications (including [The Falcon](#)), and the [Student Senate](#). Student Programs desires to contribute to the leadership skills of all students, whether the student is in a specific position of leadership or simply wants to develop leadership potential.

### **Orientation/Welcome Week**

Student Programs plans and implements each year's Orientation/Welcome Week. [Orientation/Welcome Week](#) is designed to welcome new students, both first-year and transfer students, to the SPU community and help them make a successful transition into Seattle Pacific's learning community.

### **Information Services**

Uni-Com is a campus information and service desk located on the first floor of the [Student Union Building](#) (SUB). SPU students are employed to provide various services including directing phone calls; welcoming visitors; assisting with vending machines; issuing bus, swim, and Seattle Art Museum passes; and managing the lost-and-found.

[Student Programs](#) also assists in the coordination of the [University Master Calendar](#) to ensure concerted programming across campus. Current campus events and programs are also regularly communicated through [Loopy](#), a weekly, student e-newsletter.

### **Events and Programs**

Student Programs is committed to enrich the overall SPU learning experience through advising and coordinating events and programs such as Family Weekend, commuter programming, and the Student Leadership Celebration. Whether planning general campus events, advising ASSP and STUB initiatives, or collaborating with other offices in developing new programs, Student Programs assists Seattle Pacific in reaching its educational goals.

### **Student Life Activities**

Student activities abound at Seattle Pacific University, giving students many opportunities to pursue personal interests, challenge creativity and leadership skills, and to meet new people. It can be difficult to balance academics with extra-curricular involvement, but by carefully identifying priorities, students are able to make the most of their time at SPU.

### **Associated Students of Seattle Pacific University (ASSP)**

All undergraduate students are members of the [Associated Students of Seattle Pacific \(ASSP\)](#), and volunteers are always needed in each area of the association. If you are interested in participating, please visit the ASSP office on the first floor of the Student Union Building, or call 206-281-2126.

The ASSP office funds the Metro Bus and Seattle Art Museum passes and makes them available for a five-hour checkout to any undergraduate student. Additionally, ASSP sells tickets to campus and community events.

The ASSP [executive officers](#) are elected during Spring Quarter to serve a one-year term during the following year. Office positions include president, executive vice president, vice president of campus activities, vice president of ministries, and vice president of finance.

**Student Senate.** [Student Senate](#) is the governing body of students that represents students to the University administration and provides a voice in many University affairs. ASSP senators are elected each spring to serve a one-year term during the following academic year.

The Senate consists of representatives from residence halls, academic departments, commuter students, and intercultural and at-large positions. The body is advised by one representative each from the faculty and [Office of Student Life](#).

ASSP includes the following major areas of service to students:

- **Activities and Events.** Student activities are programmed by the [Student Union Board \(STUB\)](#). This organization plans all-campus events such as the annual Talent Show and Tradition at Christmas. The board consists of an executive director, publicist, and six main-event programmers. Team activities personnel (TAPS) serve as volunteers and work on specific programs and projects that are part of STUB campus programming.
- **Leadership Services.** Leadership services offered through ASSP involve programs such as the Fall Leadership Retreat and other leadership development opportunities throughout the year.
- **Ministry Opportunities.** There are many ministry opportunities supported by ASSP both on and off campus.
- On campus opportunities include GROUP, Chapel Worship Team, and the [student ministry coordinator \(SMC\) program](#) in the residence halls. For more information contact the [Office of University Ministries](#).
- Off-campus and service ministry opportunities include Seattle Pacific ReachoutInternational (SPRINT), Urban Involvement, and Latreia. For more information, contact the [John Perkins Center](#).

### Clubs and Organizations

There are numerous activities and clubs in which students participate. For a complete, up-to-date listing, please see the links below "Club Links."

### Athletic Facilities

**Royal Brougham Pavilion** is located next to the ship canal and hosts the SPU basketball, volleyball, and gymnastics home events. Brougham Pavilion is a great place to watch a sporting event. The building also houses the crew boathouse, physical education classes, intramurals, weight room, and fitness center (which has stair-climbers, tread mills, stationary bikes, etc.) and "The Cage," where students can check out a variety of sports equipment.

**Wallace Field**, located on the east side of Brougham Pavilion, is the primary training facility for track and field. It includes an all-weather track, areas for throws and jumps, plus an infield for intramural softball and football.

**Interbay Field** is located about a mile west of the main campus at 17th Avenue West and West Dravus Street. This 900-seat facility is the site of all home soccer games.

**Langley Tennis Courts** are located adjacent to Queen Anne Bowl, which is located a few blocks south of the main campus. Seattle Pacific has access to this facility, owned by Seattle Parks and Recreation. It includes a soccer field and running track.

**Queen Anne Community Swimming Pool** is located one mile south of the main campus. Classes and open swim times are offered at this facility. Reduced-rate passes are available for students at the Uni-Com counter in the SUB.

### Intercollegiate Athletics

[Seattle Pacific athletics](#) provides an arena wherein student-athletes are guided toward excellence in physical performance and leadership through the integration of Christian principles and values while participating in intercollegiate sport at the highest possible level. The University is fully committed to the academic success of each student-athlete, to his or her physical welfare and to the principles of fair play and amateurism.

SPU is a member of the NCAA Division II and fields the following intercollegiate teams: men's basketball and women's basketball; men's crew and women's crew; men's cross country and women's cross country and men's indoor and outdoor track and field and women's indoor and outdoor track and field; men's soccer and women's soccer, and women's gymnastics and volleyball.



## **Mascot/Colors**

SPU's mascot is the falcon, and the University colors are maroon and white.

## **Intramural-Recreational Sports Program**

All SPU students are encouraged to participate in our comprehensive program of [intramural competitions and recreational sport activities](#). Opportunities include organized tournaments and free play. Recreational facilities are open to students seven days a week during the academic year. SPU has a fully equipped recreational fitness and training facility available to all students, faculty, and staff. Phone 206-281-2881 for more information.

## **Student Life**

[Administrative Structure](#)

[Community Standards and Policies](#)

[Residence Life and Housing](#)

[Student Programs](#)

**[Multi-Ethnic Programs](#)**

[Center for Career and Calling](#)

[Center for Learning](#)

[Health Services](#)

[Student Counseling Center](#)

[Student Records and Confidentiality](#)

[Student Publications and Media](#)

[University Publications and Publicity](#)

[Sea Pac Pass \(I.D. cards\)](#)

[Motor Vehicles](#)

[Petitions for Exceptions to Policies](#)

## **Multi-Ethnic Programs**

[Multi-Ethnic Programs \(MEP\)](#) promotes and supports the exploration and development of racial and ethnic identity and cross cultural competence for all students through programs, events in collaboration with other departments across campus.

MEP supports the academic, social and cultural adjustment and success of students from diverse backgrounds (domestically and abroad) through programs and activities such as Early Connections, academic success workshops and Study Breaks. MEP actively engages in developing student leaders, advising the ASSP Intercultural Director, and advising the growing number of multi-cultural clubs including MOSAIC, Asian American Association, Black Student Union and SALSA.

Multi-Ethnic Programs is located on the second floor of the [Student Union Building](#).

## **Student Life**

[Administrative Structure](#)

[Community Standards and Policies](#)

[Residence Life and Housing](#)

[Student Programs](#)

[Multi-Ethnic Programs](#)

**[Center for Career and Calling](#)**

[Center for Learning](#)

[Health Services](#)

[Student Counseling Center](#)

[Student Records and Confidentiality](#)

[Student Publications and Media](#)

[University Publications and Publicity](#)

[Sea Pac Pass \(I.D. cards\)](#)

[Motor Vehicles](#)

[Petitions for Exceptions to Policies](#)

## **Center for Career and Calling**

What do you feel called to do with your life? This is a key question which we encourage students to explore during their time at SPU. There are many ways to approach this question: What are your natural talents and abilities? What things do you feel naturally drawn to? What interests you? What is your personality type? What issues or concerns tug at your heart? These questions and more frame how we work with students at the Center for Career and Calling (CCC).

We help students explore these questions through individual career counseling/advising, career testing, workshops, events, and classroom instruction. A computerized career guidance system is also available to assist students in identifying their skills, interests, and options for work and service. Career Center staff teach three courses: *GS 2001 Major and Career Exploration*, a 2-credit course which assists students in making informed choices about academic major and vocational calling, *GS 3001 College to Career Planning*, a 1-credit course assisting students with all aspects of the transition from college to career, graduate school, service, or “next steps” after graduation, and *BUS 2910 Internship and Career Strategies*, which is required for all students applying to the business major. The CCC also organizes an annual series of networking events, workshops, and career information sessions, which serve to keep students current of trends in various career fields.

SPU's Internship Program offers students opportunities to further explore their vocational calling and to gain professional experience in internships related to their academic studies and interests. *It is highly recommended that students complete an internship (preferably two) prior to graduation.* Internships are available in all majors and in a wide range of industries and organizations, locally, nationally and internationally. The Center for Career and Calling also helps students with the basics of finding a job or internship such as writing resumes, interviewing, and job search strategies. An on-campus interview program brings representatives from national and local companies, government and nonprofit agencies, and school districts to campus to interview SPU students for jobs. Job and internship listings are available on the [CCC web page](#). Also, see our website for current information on choosing a major, finding an internship, and resources for finding a job that suits your interests and passions. The CCC also maintains a comprehensive online placement file service for School of Education graduates.

The Center for Career and Calling is very committed to offering a variety of excellent programs and resources to assist students and alumni in preparing for meaningful work and life.

## Student Life

[Administrative Structure](#)

[Community Standards and Policies](#)

[Residence Life and Housing](#)

[Student Programs](#)

[Multi-Ethnic Programs](#)

[Center for Career and Calling](#)

**Center for Learning**

[Health Services](#)

[Student Counseling Center](#)

[Student Records and Confidentiality](#)

[Student Publications and Media](#)

[University Publications and Publicity](#)

[Sea Pac Pass \(I.D. cards\)](#)

[Motor Vehicles](#)

[Petitions for Exceptions to Policies](#)

## Center for Learning

### Learning Support

Seattle Pacific University faculty members are committed to students' success and available to support their academic achievement. The [Center for Learning](#) provides additional resources and services to support the educational success of all students through study-skills courses, individual learning consultations, and learning workshops offered by the professional staff. [Tutoring](#) for a wide variety of courses and the [Writing Center](#) are also located in the Center for Learning. The Center for Learning is open 8 a.m.–6 p.m., Monday–Thursday, and 8 a.m.–5 p.m. on Fridays. For more information, call 206-281-2475, [visit us online](#), or stop by [Lower Moyer Hall](#).

### Disability Support Services

Center for Learning staff coordinates [Disability Support Services \(DSS\)](#) for students with learning, ADHD, medical / physical, and psychological disabilities by providing academic accommodations. A student with a disability who wishes to receive services and accommodations should do the following things:

1. Provide the DSS program coordinator with current documentation prepared by a qualified professional in the relevant field. For specific guidelines for each disability, contact the DSS program coordinator by [email](#), or call 206-281-2272 (TTY: 206-281-2224), [online](#), or stop by [Lower Moyer Hall](#).
2. Meet with the disability support services program coordinator to discuss your particular needs and appropriate academic accommodations.

3. For housing accommodations, students with disabilities should contact the DSS program coordinator by April 1 if they are returning students and want consideration during the Spring sign-up process, or by June 1 if they are new students applying for Autumn Quarter housing. Students applying for housing beginning Winter or Spring Quarter should contact the DSS program coordinator at least six weeks before the start of the quarter.

For information or to schedule an intake appointment, please contact the DSS [program coordinator](#) at 206-281-2272.

## Student Life

[Administrative Structure](#)

[Community Standards and Policies](#)

[Residence Life and Housing](#)

[Student Programs](#)

[Multi-Ethnic Programs](#)

[Center for Career and Calling](#)

[Center for Learning](#)

[Health Services](#)

[Student Counseling Center](#)

[Student Records and Confidentiality](#)

[Student Publications and Media](#)

[University Publications and Publicity](#)

[Sea Pac Pass \(I.D. cards\)](#)

[Motor Vehicles](#)

[Petitions for Exceptions to Policies](#)

## Health Services

Physical health and health maintenance is vital for student success. Our goals are to empower students to take responsibility for their health and to provide accessible services that complement the academic mission. Nurse practitioners (ARNP) with prescriptive authority provide assessment, evaluation, diagnosis, treatment and management of general health problems. In collaboration with the [Student Counseling Center](#) the nurse practitioners and the psychiatrist coordinate medication evaluations and treatment for mental health concerns. Referrals to specialists are provided when medically indicated.

Health Services is located in Watson Hall on the first floor and is handicap accessible from the pedestrian walkway ramp. To schedule an appointment, contact Health Services at 206-281-2231 or visit [www.spu.edu/depts/healthservices](http://www.spu.edu/depts/healthservices) for more information.

## Student Counseling Center

The [Student Counseling Center \(SCC\)](#) supports the mission of the University by providing a variety of counseling, educational, consultation, referral, and mental-health services to SPU students. Our goal is to help students find solutions to those emotional, social, and mental health issues that interfere with student learning and overall well-being.

The SCC is staffed with professional clinical therapists and professional graduate interns who are committed to the growth and development of SPU students. Services include individual, relational (dating, pre-marital, marital, family, roommate), and group counseling. A special program for the treatment of eating disorders is also available, along with a registered dietitian to provide nutritional counseling. In collaboration with the Health Services nursing and psychiatric staff, medication evaluation and management is available for students with more serious mental health problems. A six-session per academic year limit is applied in most cases.

To schedule a counseling appointment, students are encouraged to stop by the SCC to fill out a brief intake form. The SCC is located in [Watson Hall](#) on the first floor. Please contact the Student Counseling Center at 206-281-2657 or visit [www.spu.edu/depts/scc/](http://www.spu.edu/depts/scc/) for more information.

## 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 only for 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, the University 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 the University 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 in order 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.
- Students who are graduating from the university should remove their 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 their information and university staff may not be able to identify them quickly or easily. Also, keeping 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.** 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 do so. 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. A complete copy of the University's policy concerning the "Act" may be obtained by contacting the Office of Student Academic Services.

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 the Family Policy Compliance Office, Department of Education, 400 Maryland Ave. SW, Washington, D.C. 20202-5901.

For a complete listing of student policies and procedures, visit the [Office of Student Life](#).

## Student Life

[Administrative Structure](#)

[Community Standards and Policies](#)

[Residence Life and Housing](#)

[Student Programs](#)

[Multi-Ethnic Programs](#)

[Center for Career and Calling](#)

[Center for Learning](#)

[Health Services](#)

[Student Counseling Center](#)

[Student Records and Confidentiality](#)

**Student Publications and Media**

**University Publications and Publicity**

[Sea Pac Pass \(I.D. cards\)](#)

[Motor Vehicles](#)

[Petitions for Exceptions to Policies](#)

## Student Publications and Media

**Cascade.** SPU's student-published yearbook, subsidized by the [Associated Students of Seattle Pacific \(ASSP\)](#). Copies may be purchased during Autumn Quarter registration. The yearbooks arrive near the end of Spring Quarter.

**The Falcon.** SPU's weekly student newspaper, with free copies available in the Student Union Building, Library, Weter Hall, Otto Miller Hall, Demaray Hall, and Gwinn Commons each Wednesday.

**KSPU.** SPU's student-run radio station is a variety of shows that airs news, music, and commentary over the television and Internet.

**Lingua.** An annual student arts journal publishing poetry, short stories, graphics, and photography. Also includes a CD of musical selections.

## University Publications and Publicity

Sources of information about campus events, people, and policies include:

**Campus Master Calendar.** This calendar provides a centralized collection of campus events and deadlines. To submit an event or see what's happening on campus, visit the Calendar site.

**Undergraduate Catalog.** Produced by University Relations and the Office of the Academic Affairs, the *Undergraduate Catalog* contains information about the policies and procedures of the University, as well as listings of all curricular offerings. Also, the names of all faculty and governing personnel of SPU are listed with their appropriate positions.

**Faculty/Staff Bulletin.** The bulletin contains weekly news and is published by the Office of the University Communications. Articles must be submitted by noon Thursdays, or emailed to [bulletin@spu.edu](mailto:bulletin@spu.edu).

**Response.** Published three times a year by the Office of University Communications, *Response* magazine is the primary means of communication between SPU and more than 53,000 of its constituents. *Response* readership consists of alumni, friends of SPU, donors, churches, corporations, and the parents of current and newly admitted students. .

**SPU website.** The University's website at [www.spu.edu](http://www.spu.edu) provides visitors with access to all types of information about the University, including academics, admissions, athletics, registration, directory of personnel, housing and food services, student and faculty home pages, and many other campus programs and events.

**Online Time Schedule.** Lists the times, places, and professors for each class. The *Online Time Schedule* is located through Banner by going to the SPU Virtual Campus *Catalog* and Online Time Schedule.

**Loopy.** An all-campus, e-newsletter is published by the [Office of Student Programs](#) each Monday. Information can be submitted through the [campus online news](#) publication no later than noon on Thursdays.

**Uni-Com.** The campus information and service desk located on the first floor of the Student Union Building.

## Student Life

[Administrative Structure](#)

[Community Standards and Policies](#)

[Residence Life and Housing](#)

[Student Programs](#)

[Multi-Ethnic Programs](#)

[Center for Career and Calling](#)

[Center for Learning](#)

[Health Services](#)

[Student Counseling Center](#)

[Student Records and Confidentiality](#)

[Student Publications and Media](#)

[University Publications and Publicity](#)

**[Sea Pac Pass \(campus card\)](#)**

[Motor Vehicles](#)

[Petitions for Exceptions to Policies](#)

### Sea Pac Pass (campus card)

At the beginning of students' first quarter at SPU, they are issued a [Sea Pac Pass](#) (campus I.D. card) at no charge. Faculty and staff also receive the cards when they are hired.

The Sea Pac Pass is used for the following purposes: (1) photo identification; (2) meal-plan access; (3) entrance into residence halls and selected campus buildings (including exercise and weight rooms); (4) SPU Library privileges; (5) campus debit card purchases at a number of locations (currently the Bookstore, select Pepsi vending machines, copying/printing in the SPU Library and Mailing Services) and (6) admission to, or the student discount on, certain SPU-sponsored events (sporting events, theater productions, etc.).

If necessary, a student may obtain a replacement Sea Pac Pass (lost/stolen/damaged) at the [Office of University Services](#) during regular business hours for a replacement fee. If you lose your card or it is stolen, please notify University Services immediately so that your card can be given inactive status to ensure your security.

If you have misplaced your card, you may purchase a three-day, temporary card in University Services. It will allow you access to Gwinn Commons and the Library, but it is not valid for accessing Advantage and SPU Points. If you do not have a valid Sea Pac Pass or a temporary card, you will be expected to pay cash at all food-service locations on campus.

A Sea Pac Pass is for your use only. If you allow another to use your card to access food service, building entrance, or identification, both parties will be subject to disciplinary actions.

## **Campus Card Services (Located in the Office of University Services)**

3220 Sixth Avenue West

Hours: Monday-Friday, 8 a.m.–5 p.m.

Email: [CampusCards@spu.edu](mailto:CampusCards@spu.edu)

## **Student Life**

[Administrative Structure](#)

[Community Standards and Policies](#)

[Residence Life and Housing](#)

[Student Programs](#)

[Multi-Ethnic Programs](#)

[Center for Career and Calling](#)

[Center for Learning](#)

[Health Services](#)

[Student Counseling Center](#)

[Student Records and Confidentiality](#)

[Student Publications and Media](#)

[University Publications and Publicity](#)

[Sea Pac Pass \(I.D. cards\)](#)

**Motor Vehicles**

**Petitions for Exceptions to Policies**

### **Motor Vehicles**

**Parking Assignments.** Residential parking lot assignments are assigned based on the student's living area, year in school, and the date that the application is turned in. Residents of [Ashton](#), [Emerson](#), [Hill](#), [Moyer](#), [Falcon](#), [Davis](#), and [Robbins](#) are eligible for assignments in the parking areas of their respective buildings. Any on-campus resident is eligible to apply for a space in the Dravus lot, which is located next to the Library. Level 2 is designated as on-campus resident spaces. Levels 1, 3, 4, and 5 are designated for commuter students, faculty, and staff. Commuting students may also apply for a parking permit in one of the designated commuter parking lots. These spaces are also assigned on a priority basis. A quarterly fee is charged to the student's account when an assignment is made. Students who do not receive a parking space in a lot will be put on the waiting list for the lot they prefer.

Each lot has at its entry points a sign stating which decal designation is allowed to park within it. Vehicles of students who have received a residence hall lot assignment are designated "Resident" on their parking decals. For other students, a "Commuter" designated decal will determine which parking lot may be used.

During evenings after 4 p.m. and weekends, parking permits are not required. Parking is allowed in any of the available spaces that are not numbered or reserved, with the exception of the small administrative lot next to [Demaray Hall](#).

**Parking Regulations.** Anyone operating a motor vehicle on campus is required to be familiar with the University parking regulations. Parking policies and regulations can be found on the [Office of Safety and Security](#) website.

**Vehicle Registration.** Every motorized vehicle brought to campus, either for temporary or for yearlong use, must be registered with the Office of Safety and Security.

*Students:* Vehicles may be registered at any time during the year by applying online via their Banner account, or in person at the Office of Safety and Security.

*Visitors:* Visitors may obtain daily guest parking permits at the Office of Safety and Security. A guest-parking permit will allow a visitor to park in any commuter lot.

Proper vehicle identification allows the University to contact students in case of an emergency. The registration decal must be placed on the driver's-side, rear window or bumper.

There is no cost to register a vehicle. However, failure to register any vehicle brought to campus, or failure to properly display the decal issued for a vehicle, will result in a fine. Any vehicle changes or changes in registration must be reported to the Office of Safety and Security within 10 days of the change.

**Towing and Ticketing.** Students parking in a space not assigned to them are subject to immediate towing or ticketing by Safety and Security patrols. Complaints by assigned owners of parking spaces should be directed to the [Office of Safety and Security](#) (206-281-2922).

The Seattle Police Department tickets/tows all cars violating city regulations, including cars parked on restricted parking strips or too near driveways.

**Traffic Fines.** The owner of a vehicle brought to campus is accountable for the vehicle at all times, regardless of who is driving when a violation occurs. Traffic fines are automatically charged to a student's account. A schedule of fines can be found on the back side of the parking citation.

Should a vehicle owner wish to protest a traffic fine, a complete parking petition must be filed in the Office of Safety and Security within 10 days of the date and time the violation was cited. Petition forms are available in the [Office of Safety and Security](#).

**Liability.** SPU does not assume liability or responsibility for motor vehicles parked on University property or adjacent streets, nor for the contents of these vehicles.

### **Petitions for Exceptions to Policies**

Occasionally a need arises for an exception to established University policy. In this event, students must secure a petition form from the appropriate department in the Office of Student Life. Requests should be stated in a concise, logical manner. Discussion of the request may be scheduled with the designated staff member.

Changes in academic policy are considered by the Academic Policies Committee and approved by the Faculty Senate. Requests for variations from current standards must be submitted to [Student Academic Services](#), where the petition forms are available. Petitions should be submitted at least two quarters before desired action is needed.



## Academic Policies and Procedures

[Advising](#)

[Standards of Scholarship](#)

[Student Class Status](#)

[The Academic Schedule and Load](#)

[Enrolling in Courses at Other Universities](#)

[Registration](#)

[Withdrawals](#)

[Special Programs and Courses](#)

[Grading](#)

[Graduation](#)

[Transcripts](#)

[Transportation Policy](#)

### ADVISING

#### Faculty Advising: Key to a Successful Academic Experience

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

The director of faculty advising assigns faculty advisors for all new undergraduate students. Freshmen are advised by their University Seminar professor during their first year and are expected to request a faculty advisor in their area of academic interest during the spring. Transfer students are assigned to faculty in their designated area of interest. New students are notified of their advisor assignment early in their first quarter of attendance at SPU.

Students may request a change in advisor, particularly if they have decided to pursue a major or have developed different interests. Students can change their advisor in [Banner](#) under "Student Menu/Academic Progress Menu."

#### Advisor Approvals for Registration

To obtain guidance in the timely completion of a baccalaureate degree, undergraduate students who have not been accepted into a major are required to see a faculty advisor each quarter to receive permission to register.

Entering freshman and sophomore transfers are required to apply for a major and request a major advisor no later than April of their sophomore year. Transfer students who enter as juniors or seniors are required to apply before they have completed 30 SPU credits. Once students have been accepted into a major, they are encouraged to continue to meet with their faculty advisor on a consistent basis.

#### 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 [Orientation/New Student Advising](#) for incoming students, advising students during their initial quarter at SPU, evaluating transcripts for transfer students, giving pre-approval for study abroad or at other U.S. institutions, completing graduation checklists, and awarding honors and degrees. The academic counselors are also responsible for assisting students on academic probation.

[\[Back to top\]](#)

### STANDARDS OF SCHOLARSHIP

#### 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 Undergraduate Policies and Evaluation Committee has immediate jurisdiction over all questions pertaining to scholarship and is responsible to the faculty for maintenance of University standards.

## Academic Integrity

### Definitions

A breach of academic integrity occurs when a student receives academic benefits he or she did not earn through his or her own work by cheating or by plagiarism. In its more blatant forms, academic dishonesty includes copying another'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 one's own; or committing plagiarism (i.e., 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.

### Expectations and Procedures

Expectations regarding academic integrity are outlined here in the *Undergraduate Catalog*. Additional expectations may be defined in the class syllabus and/or department policy handbooks. Both students and the professor in each class have the obligations to report and prevent cheating, plagiarism, or other academic misconduct. In the event either that the instructor suspects academic misconduct or that such conduct is reported, the instructor will adhere to the following guidelines:

1. Prior to a formal meeting, the instructor will gather information from the student or others to determine any issues in question.
2. If the instructor verifies that an act of academic dishonesty has occurred, the instructor must make a reasonable attempt to hold a conference with the student to discuss the misconduct. At this time, the instructor will explain the procedures for adjudicating the case.
  1. In the event that the student fails to respond in a timely manner to the professor's request for a conference, the case may be turned over to the chair or dean for action. (See [Lifestyle Expectations](#), nos. 2, 5, 10.)
3. The department chair or dean must be notified of the incident for the purpose of information and guidance. The chair or dean must notify the office of the associate vice president for academic affairs (AVPAA) regarding the incident to determine any history of like activity and unusual circumstances.
  1. The AVPAA must notify the dean of student life for any proposed action in addition to the faculty member's action. (This action will be undertaken as a separate procedure from the instructor's meeting and decision.)
4. If, following the conference, the instructor (or the chair or dean in the case of 2.1 above) is convinced that the student violated the academic integrity policy, appropriate action will be initiated. The penalty imposed will be commensurate with the seriousness of the offense. Such penalties may range from loss of credit for the work in question to loss of credit for the entire course.
  1. Flagrant dishonesty, violations of academic integrity associated with a criminal act (e.g., breaking into a building or office), and/or with concerted group effort will be immediately referred to the chief judicial officer and/or dean of student life for disciplinary action.
5. This decision(s) will be reported in writing to the student and the chair/dean. A copy of the decision(s) will be sent to the AVPAA. The AVPAA and the school dean will decide whether documentation of the incident and decision will be included in the student judicial record in the Office of Student Life.
6. If the student appeals any decision, the appeal will move through the process as outlined in "Academic Appeals" and the "Appeal Process" directly below. A copy of all decisions, including appeals, will be sent to the office of the AVPAA and/or the [Office of Student Life](#) as determined by the AVPAA and dean.

[\[Back to top\]](#)

### Academic Appeals

The section that follows provides a formal statement of policies and procedures if you, as a student, wish to appeal an academic decision affecting you with which you do not agree.

There may be instances where you disagree with an instructor's actions but do not wish to lodge a formal complaint. In such instances, you, the student, should always speak to the instructor first. It is best to make an appointment to meet the instructor in his or her office rather than trying to handle an important issue after class or in a casual meeting on the sidewalk. Present the reasons for your complaint to the instructor in a clear manner and listen to the instructor's response. This may eliminate any misunderstanding or miscommunication.

If your grievance is not resolved after this conversation and you wish to continue to pursue the matter, follow the process outlined in the following section.

### **Appeal Process**

Seattle Pacific University provides a process whereby a student may appeal an academic decision, including, but not limited to, grades on course activities; evaluations; course grades; decisions on program admissions; and decisions on fulfillment of program and graduation requirements.

[\[Back to top\]](#)

Academic appeals may be made only on grounds of unfair treatment against the stated standards, not against the professional judgment of the faculty member(s). The intent is always to resolve the appeal at the most immediate level. Only in extraordinary circumstances, when a resolution cannot be obtained at the first level, is the process moved to the next level.

In each case, the student shall bring the appeal in writing to the person or committee who made the original decision. If a resolution is not obtained at that level, the student may appeal to the next level in the school or University administrative structure.

### **Guidelines for Academic Appeals**

1. The student's appeal must be made in writing within five calendar days after he or she received the decision from the faculty member or committee.
2. Every attempt shall be made at each level to resolve the issue according to ethical practices, accreditation standards, and University policy.
3. The person making the appeal should provide the necessary supportive information to substantiate his or her appeal.
4. If for any reason a case is appealed beyond the faculty member or faculty committee, an appeal file shall be created. This file will contain written documentation related to the case including, but not limited to, the student's written appeal and the faculty response. The appeal file shall be open to all principals in the case, including the student appellant.

[\[Back to top\]](#)

### **Levels of Appeals**

Appeals on final grades must be submitted within one quarter of the grade being awarded. 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 the following:

1. Course instructor or ad hoc faculty committee appointed by department chair
2. Department chair
3. School dean
4. Vice president for academic affairs
5. President

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. Student Academic Services
2. Undergraduate Policies and Evaluation Committee
3. Vice president for academic affairs
4. President (The decision of the president in any student appeal is final.)

## **STUDENT CLASS STATUS**

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**

<i>Freshman</i>	1–44 earned credits; includes SPU and transfer work accepted.
<i>Sophomore</i>	45–89 earned credits; includes SPU and transfer work accepted.
<i>Junior</i>	90–134 earned credits; includes SPU and transfer work accepted.
<i>Senior</i>	Minimum 135 earned credits; includes SPU and transfer work accepted (senior status does not necessarily ensure graduation with that class).

[\[Back to top\]](#)

### **Post-Baccalaureate Students**

Students who have received the 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 now offers [13 master's degrees and four doctorates](#).

### **Matriculated Students**

Students who have fully met the requirements for admission and have registered for courses in the quarter for which they were admitted (designated as undergraduate, post-baccalaureate, graduate, or doctoral students) are matriculated students.

[\[Back to top\]](#)

### **Non-Matriculated Students**

Students who are 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 20 credits. No more than 45 credits taken as a nonmatriculated 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.

### **Auditors**

A person who wishes to attend class but who does not desire credit is an auditor. With approval from the instructor concerned, auditors may register to audit any undergraduate course and most 6000-level courses. Students may change from audit to credit or vice versa during the quarterly add period published in the [University Calendar](#).

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.

## **THE ACADEMIC SCHEDULE AND LOAD**

### **Academic Schedule**

Seattle Pacific University uses a quarter calendar that spans three quarters (Autumn, Winter, and Spring quarters), each consisting of 10 weeks of instruction. Classes are arranged in a block-schedule format: 5-credit courses are generally offered in either 90-minute periods three days a week or 150-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 9:30 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 Examinations**

A special two-hour class meeting is scheduled for most courses during 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 the 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:

1. The student is able to demonstrate appropriate mitigating circumstances that, in the judgment of the instructor, warrant rescheduling the final exam.
2. A rescheduled final exam is given no earlier than four working days prior to the last day of the final examination period.
3. The student's request to reschedule a final exam is made at least two weeks before the regularly scheduled final exam period.

### Definition of Credit

One "credit" signifies the value toward graduation of a class meeting one period of 50 minutes 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:

12–18 credits	full time
9–11 credit	three-quarter time
6–8 credits	half time
1–5 credits	less than half time

### Permissible Academic Load

The term "academic load" refers to the schedule of studies for which the 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 assist in their academic success and aid in the transition from high school to college, freshmen are not allowed to register for more than 18 credits.

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. Under no circumstances will any student be allowed to register for more than 20 credits — including music, physical education, and all fractional credits. It should be noted that there is an additional tuition charge for 19 or more credits.

Courses taken concurrently at another institution (whether in a classroom, online, by distance learning, correspondence, or extension) and non-credit courses count as part of the academic load. These courses do not count in regular undergraduate tuition and may not count in financial aid.

### 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 hours or less	15–18 credit hours or less
15–20 hours or less	12–14 credits

21–30 hours or less

10–12 credits

More than 30 hours

6–10 credits

### Enrolling in Courses 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 a [study away approval form](#). 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. No coursework completed elsewhere will be transferred if the student has already received credit for equivalent course(s) at SPU.
3. 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 there must be another grade of at least B or its equivalent for an equal number of credits. Exception: For ABHE accredited institutions, no grade below C (2.0) will be accepted.
4. No grade below D (1.0) will be accepted from any institution.
5. Only courses taken for a regular grade (not "pass/fail" or "credit/no credit") will be applied toward requirements in General Education, the Common Curriculum and Exploratory Curriculum, and toward a student's major and minor.
6. The minimum grade that can be applied toward a major or minor is C- (1.7).
7. Transfer associate degrees earned after matriculation at SPU will not be recognized toward fulfillment of the Exploratory Curriculum, University Core requirements, or the foreign language proficiency requirement.
8. A combined total of not more than 90 quarter credits will be accepted from all community and technical colleges, approved test programs (AP, CLEP, and IB) and unaccredited schools. Existing Washington, Oregon, and California community-college associate degree transfer agreements will be honored as they apply to Exploratory Curriculum requirements.
9. No more than 45 quarter credits will be accepted from approved testing programs (AP, CLEP, and IB).
10. 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.
11. 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.
12. One-credit courses ordinarily are not transferable, except physical education (PE) activity, applied music, and selected computer courses.
13. No more than 3 quarter credits of physical education activity coursework and/or varsity sports will be transferred from all transfer institutions combined.

### Eligibility for Honors and Activities

Students who are registered for less than a full-time academic load are not eligible to be rated for scholarship honors. 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 Athletic Eligibility

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 cumulative GPA of 2.0 (C) or higher to be eligible for competition. All other NCAA bylaws regarding eligibility must also be met.

## REGISTRATION

### Registration on the Web

Seattle Pacific University offers students the opportunity to register for classes through [Banner](#). Registration for the quarter begins during the last few weeks of the preceding quarter and ends on the fifth day of the quarter at 5 p.m. Students are notified via email the date and time that their quarterly registration appointment is scheduled. Once web registration has ended, students must come to [Student Academic Services \(SAS\)](#), or mail or fax in a written request to withdraw from classes.

Students are expected to be registered for the next quarter by the last day of finals. Students may lose their opportunity to return if they are not registered by the deadlines. A late registration fee of \$50 may be charged for late registration.

### Academic Year Registration deadlines:

- Autumn Quarter:** Register by last day of finals Spring Quarter.
- Winter Quarter:** Register by the last day of finals Autumn Quarter.
- Spring Quarter:** Register by the last day of finals Winter Quarter.
- Add/Drop:** Changes must be made by the fifth day of the quarter.

**Note:** Internships, independent studies, and individual instruction in music have the extended registration deadline of the 10th day of the quarter (see the [University Calendar](#) for specific dates).

Registration for internships, independent study, distance-learning, and travel-study courses must be processed in Student Academic Services and cannot be accomplished over the web. Students must come to [SAS](#), or mail or fax in their registration forms to register for these classes.

### Summer Quarter Registration deadlines:

**Adding classes:** Students must register prior to the first day of the course. Registrations will not be accepted once a course has begun.

**Dropping classes:** Students must drop the course before the class ends. Once the course has ended, students will not be allowed to withdraw.

**Note:** Internships, independent studies, and individual instruction in music have the extended registration deadline of **July 9**.

### Registration Restrictions

Registration restrictions have been designated for certain courses. 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. The registration restrictions may be based on student level, student classification, or declared major.

### 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 copies of official transcripts. 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
New Admit Registration	Student Academic Services
English Proficiency Test Required	English Department
Health History 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
Must Complete English Requirement	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

### Changes in Registration

Though choices made during the registration period are considered permanent, students are permitted to change their

registration through the fifth day of the quarter. The deadline for withdrawing from courses is the sixth week of the quarter. Specific dates for these registration deadlines are listed in the online [University Calendar](#). Students who are receiving financial assistance are encouraged to speak to a [Student Financial Services](#) representative before making a change in course load.

### **Extended Registration Deadlines**

Some courses require extra time to get special paperwork completed (independent study, internship), work on a special assignment (independent projects or research), audition (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. To see if this extended registration deadline applies to a specific course, contact [Student Academic Services](#).

### **Adding Classes**

Students are permitted to change their registration as long as the change is submitted by the fifth day of the quarter (refer to the [University Calendar](#) for specific dates). Students may not attend or sit in classes unless officially registered. No registrations will be accepted after the fifth day of the quarter. Day and evening classes (classes beginning after 4:00 p.m.) must also adhere to this deadline.

### **Waitlisting Closed Classes**

Students have the option of waitlisting any classes that are closed. As space becomes available in closed classes, waitlisted students will be registered on a first-come basis. Students will be notified by email when they are entered into a class via the waitlist. If the waitlisted class creates a time conflict or exceeds the maximum credit load for the student, it will not be added to the student's schedule and the student will be dropped from the waitlist. Students may waitlist a class via the web. Directions are provided that outline the process students need to follow to waitlist a class.

Students may choose to withdraw from the waitlist for a course by sending a written request to [Student Academic Services](#) or by dropping via the [web](#).

The waitlist program will continue to be in effect from the first day of registration and ends before the quarter begins. Refer to the [University Calendar](#) for these dates. The waitlist process is the best way for faculty to know the demand for their classes.

When the quarter begins, and the waitlist is no longer in effect, there is no preference given to students who were previously on a class waitlist. Therefore, if a student withdraws from a course after the quarter begins, the class is available for anyone to register until 5 p.m. on the fifth day of the quarter.

## **INFORMATION FOR NON-MATRICULATED STUDENTS**

Students who are not seeking a degree at Seattle Pacific, but wish to take courses can do so as a nonmatriculated student. Below are some policy issues surrounding this type of student status that you should be aware of:

- There is no application fee to become nonmatriculated.
- The maximum credit load per quarter is 20 credits.
- 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
- No more than 9 such credits may be applied to a graduate degree — although some graduate degrees differ in maximum credit amount.
- If you decide that you would like to pursue a degree or certificate program at SPU, you will be required to go through the normal admissions process.

### **Registration for Nonmatriculated Students**

Registering as a nonmatriculated student is simple. Students would complete the [Registration Form](#) and submit to Student Academic Services (SAS) to be processed.

This form asks for directory information, the student's social security number, birth date, requested courses and the student's signature. It is important to indicate all current contact information so that you may receive information from our university departments.



Course selection can be found in the [Time Schedule](#). Students should note that some courses may not be offered to nonmatriculated students to take and/or that some courses may have registration restrictions attached. In either case, the student would need to request special permission from that appropriate department.

One disadvantage to this student type is that registration does not begin until all continuing students have had a chance to register. See the [Academic Calendar](#) for specific dates for each quarter. For Autumn Quarter, nonmatriculated students can begin registering on September 1 or the first business day in September.

### Other Things to Consider

1. Applicants whose first language is other than English must submit an official TOEFL score.
2. Nonmatriculated students are not eligible to receive financial aid and will pay for courses on a per-credit basis.
3. If you are a veteran student, you may not be able to receive benefits through the G.I. Bill.

## 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 six of the quarter will be noted with a “W” (withdrawal) on the transcript.
- No withdrawals are accepted after the sixth 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 sixth 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.
- After the fifth day of the quarter the student must obtain the required signatures to withdraw from a course. [Withdrawal forms](#) (PDF) are available online.

### Complete Withdrawal From School

Students who desire to withdraw from Seattle Pacific University should complete the [Complete Withdrawal Form](#) and submit it to [Student Academic Services](#) for processing. If students are registered for courses, they are able to withdraw via the web, but **only until 5 p.m.** on the fifth day of the quarter. 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 or to contact Student Academic Services in writing. 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 sixth 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 Requested by Instructors

If the instructor or advisor receives notification that a student will not be attending, the instructor may contact Student Academic Services and request that the student be administratively withdrawn from the course.

In addition, if a student does not attend class within the first two days of the quarter, an instructor may ask Student Academic Services to administratively withdraw a student from the class. If a student knows that he or she will miss the first class, it is best to notify the instructor to avoid being withdrawn from the class.

### Administrative Withdrawals Requested by Student Financial Services

Student Financial Services has the right to have a student completely withdrawn from classes due to an unpaid balance.

## 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 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 of 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.

**NOTE:** Students must notify [Student Financial Services](#) about any change in planned period of enrollment, whether due to withdrawal from a class, a leave of absence, or withdrawal from the University. The specific requirements by which the student agreed to abide at the time any financial aid was accepted will remain in effect.

A student will be required to re-apply to SPU if she or he is away from the university for more than nine quarters. Students do not apply for readmission to SPU if they take a leave of nine or fewer quarters. Students gone for nine or fewer quarters will be responsible to complete the same degree requirements as expected upon his or her first quarter of matriculation at the University. An associate degree completed during a leave of absence of nine or fewer quarters will not be recognized by the University.

Students approved for leave will maintain their priority registration appointment upon their return to SPU. If a student plans to attend another college 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 Leave of Absence-Studying Away](#). Official transcripts should be sent to Student Academic Services for credit evaluation according to transfer policy.

[Leave of Absence](#) (PDF) applications are available here and on the forms rack outside of Demaray Hall 151. The student must complete the application, including a date, signature, and statement of reason(s) for requesting the leave of absence and return it 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), 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 requirements:

- Students are not eligible to reside on campus, attend classes, or participate in regular 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.

## REGISTRATION PETITIONS

It is expected that all students adhere to registration deadlines. However, registration petitions are requests 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 and on the forms rack in the Demaray Hall lobby (first floor). Instructions for completing the petition process are listed 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.

## SPECIAL PROGRAMS AND COURSES

### 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 procedures for obtaining permission and filing the request are to be obtained in Student Academic Services. The following limitations pertain to credit by examination:

1. A student may receive credit by examination for any coursework that has been completed following high school graduation for which he or she has no formal record.
2. A student may be tutored by a private instructor and challenge a course for credit by examination.
3. A student may not take credit by examination for a course in which he or she has been registered for credit at SPU and received a D, E, NC, Audit, or Incomplete.
4. A student may earn a maximum of 45 quarter credits by examination, including SPU challenge examinations, Advanced Placement (AP), College Level Examination Program (CLEP), International Baccalaureate (IB), National Council Licensure Exam for Registered Nurses (NCLEX), and the Proficiency Examination Program (PEP), none of which will apply to the 45-hour resident requirement.
5. Within a given major, no student may receive credit by examination in subject matter more elementary, as determined by the dean of the school, than that for which credit has been received previously.
6. A student may not repeat an examination for credit.
7. A student may not receive credit by examination for lower division language courses in the student's native language, if that language is other than English.
8. A student is entitled to only one consultation with the professor administering the test.
9. A student must pay for all special exam fees prior to scheduling and taking the exam.

### Independent Study

Independent study courses are courses in which a student does specific work independently with the instructor, as outlined in the official [Independent Study Agreement](#) (PDF). 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. Independent studies can be created in situations when a student wishes 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](#) (PDF) must be completed by the student and signed by the instructor and the dean or department chair. The instructor and student must meet on a regular basis for the number of consultations noted in the agreement.

Registration for an independent study must be submitted to Student Academic Services no later than the 10th day of the quarter (see the [University Calendar](#) for specific dates). Student Academic Services will create the course as noted on the agreement. Copies of the agreement will be forwarded to the instructor and the student.

### Travel Studies Program

Throughout the academic year and summer Seattle Pacific University offers or participates in several programs that allow students to study in other geographic locations. These study opportunities are divided into two categories: those receiving SPU credit and those receiving transfer credit, which are described below.

Students who are planning on studying abroad will need to complete the [Studying Away Application](#) (PDF) and submit it to Student Academic Services for approval.

**SPU credit.** Classes that offer Seattle Pacific University credit are scheduled and listed in the [Time Schedule](#) and this *Undergraduate Catalog*. In order to receive credit, students are expected to register for the courses no later than 30 days prior to leaving for the tour. Students may be eligible for financial aid while participating in the SPU Travel Studies program; however, students should check with Student Financial Services for complete details. An SPU faculty member is responsible for coordinating and grading the students in the program. To obtain more information on the travel studies program through SPU, contact Student Academic Services, the appropriate department, or visit [Special Studies](#).

**Transfer credit.** Students may participate in approved travel-study programs outside of Seattle Pacific University that offer academic credit through other institutions. Students may take a leave of absence from SPU for the duration of the travel-study program. Before enrolling in any other program or institution, students must consult an undergraduate academic counselor and complete a [study away approval form](#). Students who wish to take courses toward a major or minor, must obtain a faculty advisor's signature on the form. Limited financial aid may be available for travel-study programs. Check with Student Financial Services for complete details. For further information, check with the department that is sponsoring the program, or visit [Special Studies](#).

**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 professional development courses (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.

**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. 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 with a given grade according to the scale indicated below. For example, the grade of A in a 5-credit course would give the student 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 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.

<u>Grade</u>	<u>Points</u>	<u>Explanation</u>
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	Insufficient Attainment with no credit allowed
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
W		Withdrawal with official approval

### **Use of I, N, 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 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 cannot carry more than 20 credits of incomplete grades without prior approval from the registrar. Work must be completed within one calendar year or the "I" becomes an "E".

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 s/he 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; however, the student must submit final coursework within one calendar year or the "I" becomes an "E". The student must initiate the removal of the "I" grade once coursework has been completed.

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.

Withdrawal from a course with official approval during weeks two through six of the quarter will result in a W appearing on the transcript.

### **Audit**

Any SPU course may be audited, with the exception of some graduate courses. Please refer to the *Graduate Catalog* for additional information. Students may change from audit to credit or vice versa during the quarterly registration period as published in the [University Calendar](#). For more information regarding auditing a course, please refer to the [Student Class Status section](#).

### **Pass/No Credit Option**

1. The P grade in this option must be at least equivalent to a C grade (2.0).
2. The number of credits 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 in item 3 below apply as well.  
Freshman – 30 credits  
Sophomore – 20 credits  
Junior – 15 credits  
Senior – 5 credits
3. No more than one course per quarter; no courses in major or minor; no courses in University Seminar, University Foundations, University Core, or the Exploratory Curriculum.
4. 6000-level courses may not be taken for P/NC credit, with the exception of thesis, dissertation, research, and projects, to be determined at the discretion of the schools.
5. For those students who transfer to SPU, no "Pass" credits will be accepted for major or minor requirements, for Common Curriculum, for Exploratory Curriculum, for General Education, nor toward the University Scholars Curriculum.
6. Courses in which a student earns a Pass or No Credit grade do not count in a student's grade point average calculation.
7. However, college-level credits (numbered 1000-4999) earned with a Pass grade do count toward elective credits in a bachelor's degree.
8. P/NC form must be on file in Student Academic Services by the 10th day of the quarter.

### **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**

Students may repeat any course previously taken at SPU (or enroll in an SPU course noted as being "equivalent") for the purpose of earning a higher grade, unless the course is designed to be repeated for additional credit.

Effective Autumn 2011, the highest grade received in a course or its equivalent will apply to both the GPA for graduation and for honors at graduation. The original and repeated course will still appear on the transcript. However, the lower grade and credits will be excluded from the overall GPA and credit total.

Only courses taken at SPU will be used to change course grades. A course may be repeated only once. Students who believe they have unusual circumstances may petition to repeat a course more than once by submitting a registration petition, accompanied by a statement from the course instructor, to Student Academic Services. Courses taken at another institution cannot replace an equivalent SPU course for which credit has been received.

### Academic Probation

An undergraduate student attempting 6 credits or more at SPU will be placed on first-quarter academic probation when his or her total SPU cumulative grade point average first falls below a 2.0. Once on probation, any student who earns a quarterly GPA of 2.4 or higher, yet fails to raise the cumulative GPA to 2.0 or above, will be put on probation hold. Once placed on probation hold, the student retains the same probation status as held the previous quarter, but does not move toward dismissal. The second consecutive quarter the cumulative GPA remains below 2.0 and the quarterly GPA is below 2.4, the student will be placed on second-quarter academic probation; the third consecutive quarter the cumulative GPA remains below 2.0 and the quarterly GPA is below 2.4, the student will be dismissed from the University. The academic dismissal will be noted on the student's academic record.

Students on first-quarter probation are required to meet with their academic counselor in Student Academic Services to develop a contract 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 on second-quarter probation may not enroll in more than 13 credits and must meet with their counselor before the fifth day of the quarter to make appropriate changes in their class schedule. Such changes may include enrolling in study-skills classes.

A student dismissed from the University may appeal to the Academic Probation Committee for reinstatement through the University registrar. If an appeal is denied, a student may appeal again after the lapse of one year. Once reinstated, the student's GPA is the same as when dismissed; the student may not use grades from other colleges and universities to raise the SPU GPA. A reinstated student may not enroll for more than 13 credits in the quarter in which the student is reinstated. A reinstated student will be dismissed if he or she fails to attain either a quarterly GPA of 2.4 or higher or a cumulative GPA of 2.0 or above by the end of the first quarter that person returns.

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 GPA of 2.0 or better is achieved. A senior will not receive a degree until he or she is removed from academic probation. [\[Back to top\]](#)

### GRADUATION

Graduation application forms for undergraduate and post-baccalaureate students may be accessed through the [Banner Information System](#) by selecting *Student Menu* then *Graduation Menu*. Students must formally apply for graduation. They are encouraged to do so as soon as they have earned approximately 120 credits and have been admitted to all majors and minors they plan to complete. Graduation application deadlines are below.

<u>Intending to Graduate</u>	<u>Deadline</u>
Spring/Summer Quarters	May 1 in the year prior to graduation
Autumn Quarter	November 1 in the year prior to graduation
Winter Quarter	February 1 in the year prior to graduation

Students who meet the graduation application deadlines will receive information on their academic progress prior to their anticipated quarter of graduation.

In February of each year, the Office of Academic Affairs sends information about the time, date, and procedures for all Commencement activities to students who applied to graduate during the current academic year (from autumn quarter through summer session). 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.

Students who do not meet the application deadline might not receive academic progress reports and may apply too late to be listed in the Commencement brochure.

Degrees are awarded by the end of the quarter following the quarter in which the degree was completed.

To participate in the Commencement ceremony, you must have completed all courses necessary to fulfill graduation requirements during Autumn or Winter Quarter — or be registered during Spring Quarter and /or Summer Session for the final courses required to complete your degree.

Enrollment verification for all summer courses necessary to complete degree requirements must be submitted to your undergraduate academic counselor by May 1. Contact your academic counselor if you experience difficulty enrolling in summer courses by the May 1 deadline.

- If you cannot register for outstanding requirements for your degree during Spring Quarter and/or Summer Session, you are not allowed to "walk" in the Commencement ceremony.
- Students who complete their degree requirements Autumn and Winter Quarters may participate in Commencement ceremonies at the end of the academic year in which they finish their coursework.
- Students completing degrees during Summer Session are not eligible for recognition of honors until completion of all degree requirements. Their honors do not appear in the Commencement program, and they are not eligible to wear honor cords during Commencement ceremonies. Honors earned will appear on the student's diploma and transcript once the degree has been awarded.

Diplomas are not distributed during Commencement. You will receive yours once all your requirements are completed and your grades have been posted for your degree. During the 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 are met.

- Spring Quarter graduates should receive diplomas by mid-September.
- Summer Quarter graduates should receive diplomas by mid-December.

### **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 and attained a 3.5 or higher quarterly grade point average in a given quarter. 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 may be awarded to qualified students.

#### **Graduation Honors**

Baccalaureate degrees will be conferred with honors for undergraduate students based on the following criteria:

1. The student must have completed 75 quarter hours in residence with junior and senior standing at SPU.
2. Honors are based on the SPU GPA only.
3. 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 graduates. Students who complete degrees during Summer Session are not eligible for recognition until completion of all degree requirements.

<b>Honor</b>	<b>Grade Point Average</b>
Cum Laude	3.50–3.74
Magna Cum Laude	3.75–3.89

**The President's Citation**

The President's Citation is awarded each year to a graduating senior who has demonstrated distinguished academic achievement in the context of a Christian liberal arts program. 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 will make the selection.

**Alpha Kappa Sigma**

Undergraduate students who have earned 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 who have distinguished themselves through scholarship, leadership, and service. Other SPU honoraries include Centurions (men's service honorary), Falconettes (women's service honorary), Order of the S (athletics), Sigma Beta Delta (business), Pi Kappa Delta (speech), Alpha Psi Omega (drama), Mu Phi Epsilon (music), Lambda Iota Tau (English), Psi Chi (Psychology) and the Servant Scholar of the Year (Student Life).

**Who's Who in American Colleges and Universities**

A number of seniors are elected to Who's Who in American Colleges and Universities each year. This honor is awarded to students who will graduate from SPU, have a cumulative GPA of 2.75 or above, uphold the ideals of SPU and demonstrate leadership in co-curricular activities. Candidates are recommended during their senior year by the faculty.

**TRANSCRIPTS**

Official transcripts may be released to students. Official transcripts are released only on written authorization of the student whose records are requested. Seattle Pacific University reserves the right to deny official transcript services for indebtedness to the institution. If the student has an account, official transcripts are released only if the account is paid in full.

- A \$5 fee is charged for each official transcript.
- Students may request one unofficial copy of their transcript at a time at no charge.
- Students may view and print unofficial transcripts by accessing the [Banner Information System](#).
- Students may order an official transcript by accessing the Banner Information System.

Transcripts contain the student's entire academic history while at SPU. Undergraduate, graduate, doctoral work, and CEUs are segregated on separate pages of the SPU transcript. 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.

If a student chooses not to order a transcript online, then a written request to Student Academic Services is required. The request must include:

- The name under which the student attended
- Social security number or SPU ID number
- The last quarter and year the student attended
- Whether or not the student is enrolled in a current quarter of instruction and the number of classes enrolled in for that quarter
- Destination of the transcript
- Student signature
- The number of official copies required



Payment is due at the time the transcript is requested. Payment can be made by cash (in-person only), check, Visa, or MasterCard.

SPU will re-send a transcript to the originally requested institution provided the University made an error in processing. We must, however, be contacted within three months of the original request. After the three-month grace period, a separate written request must be submitted. The University reserves the right to approve or deny any request for re-sending a transcript for any reason other than University error.

#### **Changes in Personal Information**

It is the student's responsibility to notify the University of any changes to his or her permanent or mailing addresses. This will enable the University to forward important quarterly materials to students. Addresses and phone numbers can be changed online through the [Banner Information System](#) or in the following offices: [Student Academic Services](#), [Student Financial Services](#), and [Residence Life](#). Students who wish to change their name (e.g., due to change in marital status) need to provide Student Academic Services with the official documentation for the change (e.g., copy of marriage license).

#### **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. 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. Students will be responsible for their own transportation to such activities.

If transportation of SPU students is in University-owned or sponsored vehicles, drivers must have passed a defensive driving course, possess a current driver's license, and have authorized a check of their driving records. Safety and Security need not be notified of all officially sponsored travel.

Any exception to this policy must be approved in advance and in writing by the vice president for business and planning.

## Baccalaureate Degree Requirements

[Baccalaureate Degree Requirements](#)

[Graduation Requirements](#) (including Graduation Checklists, Competency Requirements)

[Competency Requirements](#) (including Writing, Foreign Language, and "W" courses)

[Common Curriculum](#)

[Exploratory Curriculum](#)

[Major Curriculum](#)

[Curriculum for Special Programs](#)

[Check Your Degree Status](#) (Banner log in required)

### BACCALAUREATE DEGREE REQUIREMENTS

Though Seattle Pacific University makes every effort to provide students with effective academic advising, the final responsibility for meeting all academic and graduation requirements rests with each individual student. The *Undergraduate Catalog* under which the student enters serves as the official record of admission, general academic and general graduation requirements, with the exception of standards governing the completion of a major and/or minor.

The quarter in which a student is accepted 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. Advising by University personnel inconsistent with published statements is not binding. Reasonable substitutions for specific requirements may be requested through [petition](#) (PDF) to Student Academic Services in DH 120. (Read more information about student [academic appeals and exceptions](#) to academic policy.)

Degrees are awarded and posted to transcripts based on the date all degree requirements have been fulfilled. Degrees are posted within one quarter after the last quarter of enrollment.

#### Degree Requirements

Most undergraduate students entering Seattle Pacific University during the 2011-12 academic year follow the same general education curriculum to complete their undergraduate degrees. This curriculum includes the Common Curriculum (including the University Seminar, University Core, University Foundations, and Senior Capstone courses) and the Exploratory Curriculum.

Transfer students who have completed an associate degree through a community college in Washington, Oregon or California should refer to the [Transfer Student Information](#) in the Admissions section of this catalog for information about how the particular degree may apply toward fulfillment of SPU's Common and Exploratory Curriculum areas and competency requirements.

Once a student has begun classes at SPU the student should never enroll in a course at another institution without consulting a faculty advisor and an academic counselor, and completing a [study away approval form](#). Policies governing transfer credits are found in the [Admissions](#) section of the catalog. Items 3-14 under Students Entering From Regionally or ABHE Accredited Colleges and Universities apply to continuing SPU student taking courses at other institutions as well as to transfer students just entering the University.

### GRADUATION REQUIREMENTS

[2011-12 Graduation Requirements Checklist](#) (PDF)

[2011-12 Graduation Requirements Checklist \(University Scholars\)](#) (PDF)

[2011-12 Graduation Requirements Checklist \(Curriculum for Special Programs\)](#) (PDF)

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

1. A minimum of 180 college-level, quarter credits.
2. A cumulative grade point average of at least 2.0 in all courses applicable to the degree.
3. A cumulative grade point average of at least 2.0 in all courses taken at Seattle Pacific University.
4. At least 60 credits earned in courses numbered 3000–4999.

5. At least 45 college-level credits earned in residence as a matriculated student. Credits earned by examination do not satisfy the residence requirement. If only one year is taken at Seattle Pacific University, it must be the senior year.
6. "Pass" grades do not fulfill requirements in the major or minor, in the Exploratory Curriculum, in University Seminar, in University Foundations, in University Core, in General Education, or in the University Scholars curriculum.
7. The last 15 credits prior to degree completion must be earned in residence.
8. Satisfactory completion of an academic major. (*See specific standards regarding completion of a major and standards regarding completion of a minor below.*)
9. Achievement of satisfactory scores on the writing competency analysis, demonstration of competency through an approved alternative means, or completion of required remedial coursework.
10. Demonstration of competency in a foreign language, either through coursework or one of the means outlined under the Foreign Language Competency section below.
11. Students who enter SPU with freshman or sophomore standing are required to complete 8 credits in writing ("W") courses prior to graduation; those who enter as juniors are required to complete 5 credits; and students who enter SPU as seniors are required to complete 3 credits. (See the section on Writing Courses below.)
12. All degree requirements for a major or minor are determined by the *Undergraduate Catalog* in effect when the student is accepted to the major or minor. For example, a student accepted to a major in Autumn Quarter 2011 is subject to all major requirements listed in the 2011-12 *Undergraduate Catalog*. Students are expected to apply to a major by the start of their junior year. [Application forms for a major or minor \(PDF\)](#) are available here and in the school or division office. Students will be contacted by Student Academic Services if they have not been accepted to a major but have completed 105 or more credits.
13. Policies and procedures related to application for graduation and degree posting:
  - o Students must be accepted into a major prior to applying for graduation.
  - o Students are responsible for applying for graduation. Application is accomplished through the [Banner Information System](#) by selecting Student Menu then Graduation Menu. For application deadlines, see the [Graduation](#) section of this catalog.
  - o A transfer student with junior or senior status must apply for acceptance into a major after completing 15 SPU credits or as soon as admission criteria for the major are met.
  - o Students may change their application for graduation and should notify their undergraduate academic counselor of the change at least one quarter in advance of the previous intended quarter of graduation.
  - o Degrees will not be posted to student academic transcripts nor diplomas ordered until all requirements are completed, including any outstanding I and N grades.
  - o The official record of degree completion is the official SPU academic transcript.

## COMPETENCY REQUIREMENTS AND MATH PLACEMENT

Students must fulfill three areas of competency to receive a bachelor's degree from Seattle Pacific University. All undergraduate students at Seattle Pacific must demonstrate English writing competency early in their career at SPU and as a condition of graduation. In addition, foreign language competency and "W" writing requirements must be met before a degree is awarded. These required competencies may be fulfilled in a variety of ways.

**NOTE:** Unless stipulated by the student's major or minor, post-baccalaureate students are not required to fulfill competency requirements.

### Writing Competency

Prior to their first quarter at SPU, students coming directly from high school will have a writing score assigned them based on pre-college indicators. (*English composition credits awarded for AP, CLEP, and IB exams will exempt students from having a writing score assigned, as will credit awarded for a college composition course in which a grade of at least C [2.0] is earned.*)

Transfer students who have not already taken and passed, with a grade of C (2.0) or better, a college-level composition course must take the English Placement Test. To do so, they may contact the English Department at (206) 281-2036 to arrange testing. Students will not be permitted to register for their second quarter at SPU until the English Placement Test has been taken.

- Students whose scores indicate that they can write minimally at the college level but need a writing course in order to succeed in college will be required to take ENG 2201 Intermediate College Writing.
- Students whose score indicates they do not yet write on the college level will be required to enroll in a designated section of ENG 2201 Intermediate College Writing and simultaneously ENG 0102, a writing tutorial attached to this

section of ENG 2201. Taken in tandem, these courses are intended to raise students' writing ability to the college level. (Credits earned in ENG 0102 do not count toward the 180 minimum credits required for graduation.)

All required coursework in writing must be completed by the end of a student's first three quarters at SPU.

### Foreign Language Competency

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:

1. Show by your high school transcript that you have completed a third-year course in a foreign language (grades 9–12) with a minimum grade of C (2.0) in the final year or a minimum grade of C (2.0) in the final course.
2. Be a native speaker of a language other than English.
3. Attain a minimum grade of C (2.0) or a "pass" in the third quarter of the elementary level of an SPU foreign language course (with the exception of GRK 1103 and THEO 1203), or a higher level course, in a language other than modern English.
4. Obtain a professional reference attesting to proficiency in a language other than English. For example, a student who has lived for years in another culture might request a reference from a professional who has lived among or worked with the same language/culture group.
5. 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.
6. Take a proficiency test and achieve a "passing" rating in a language other than English. The test should be administered by a qualified testing center such as a college or university and the results sent to Student Academic Services. If the test is not administered by SPU, a description of the test with the criteria for achieving a passing rating should accompany the results.
7. Enter SPU with Advanced Placement test credits (awarded based on a minimum score of 3) in a language other than English.
8. Take a CLEP test in a language other than English and attain a score of at least 50.
9. American Sign Language (ASL) may be used to fulfill the SPU foreign language requirement if the time spent in classroom instruction is equal to the 15-credit requirement. No other forms of sign language satisfy the requirement.
10. Prior to matriculation at SPU, earn an approved direct transfer degree from a Washington, Oregon, California community college, or an associate degree from Central Christian College of Kansas. A degree earned in California must be accompanied by full completion of the IGETC curriculum. Information about approved degrees is available in the [Admissions](#) section of this catalog. *Note that completion of an associate degree will not exempt students from foreign language requirements within any major or minor that specifically requires foreign language proficiency.*

*Note: The languages offered through the regular curriculum for the Foreign Language Requirement at SPU are French, German, Latin, Russian, and Spanish. Other languages are offered through the College of Arts and Sciences in affiliation with the Washington Academy of Languages (WAL). Students who wish to meet the requirement with WAL courses should see an academic counselor regarding the level that must be reached at WAL to meet the SPU requirement -- generally, level IV. A student who wishes to meet the general education language requirement by a competency test in a language other than one that is part of the regular curriculum will be assessed a fee if SPU arranges for the test.*

### Foreign Language Substitution Policy for Documented Disability

Qualified students with current professional documentation of less than five years, which specifically certifies that 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.

### Writing ("W") Courses

Courses designated as writing courses (3000- and 4000-level) offer a substantial component of writing designed to reinforce students' earlier work in writing. At the same time, they provide instruction in the technical and stylistic requirements of writing appropriate to a particular discipline.

In these courses, students are expected to write at least two papers and a minimum of 3,000 words or about 12 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 normally provide opportunities for revision as well.

## Mathematics Placement

Students without transferred college mathematics credit or AP credit that meets the Exploratory Curriculum mathematics requirement will place into one or more of the following mathematics courses: MAT 0144, 0145, 1110, 1221, 1234, 1360, 1521, 1560, or 2700.

Appropriate placement depends upon the student's intended major as well as eligibility criteria. Eligibility can be demonstrated through an SAT or ACT math score, the Washington State Intermediate Math Placement Test or General Math Placement Test (MPT-I or MPT-G), or transfer of a college course. (Washington Math Placement Tests are given at high schools throughout the state and at college testing centers. See the [Math Department](#) for availability of the test at SPU.)

### Mathematics Placement Level A

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

1. Score 580 or above on the math portion of the SAT exam. Score 25 or above on the math portion of the ACT test. Score 145 or above\* on the MPT-I or MPT-G (the Washington State Intermediate or General Math Placement Test). 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.
2. Students admitted to SPU in 2009-10 or earlier may complete the Mathematics Competency Requirement.

Students who do not meet any of the criteria for Mathematics Placement Level A should begin by taking MAT 0144.

### Mathematics Placement Level B

To be eligible to enroll in MAT 1360, MAT 2700, MAT 1110, or SOC/PSY 2360, a student must meet at least one of the following criteria:

1. Score 580 or above on the math portion of the SAT exam. Score 25 or above on the math portion of the ACT test. Score 150 or above\* on the MPT-I or MPT-G (the Washington State Intermediate or General Math Placement Test). 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.
2. Students admitted to SPU in 2009-2010 or earlier may complete the Mathematics Competency Requirement.

\* The scoring system for the MPT-I changed from raw scores to scaled scores as of October 1, 2010. Students who took the test prior to October 1, 2010 need to score 15 or higher to meet Mathematics Placement Level A or 20 or higher to meet Mathematics Placement Level B.

*It is important for students to plan ahead for math classes, as students who do not meet eligibility criteria for a particular course may need to take two preparatory math courses, spanning two academic quarters, before fulfilling placement criteria.*

## THE COMMON CURRICULUM

The Common Curriculum is at the heart of a liberal arts education at Seattle Pacific University, and it includes eight required courses spread over four years. Those classes begin with the University Seminar and include University Core courses and University Foundations courses. The eighth course is the required capstone in every student's major.

*Note: Students admitted to special programs or University Scholars follow a different curriculum specific to their programs.*

### The Common Curriculum

**35  
credits**

#### University Seminar

USCH 1000 [University Scholars Seminar](#) (5)

USEM 1000 [University Seminar](#) (5)

*Note: Students in the University Scholars Program complete USCH 1000, and others complete USEM 1000, fall quarter of the freshman year.*

#### University Core

UCOR 1000 [Arts & Christian Community](#) (5)

UCOR 2000 [The West and the World](#) (5)

UCOR 3000 [Belief, Morality & Modern Mind](#) (5)

#### University Foundations

UFDN 1000 [Christian Formation](#) (5)

UFDN 2000 [Christian Scriptures](#) (5)  
 UFDN 3001 [Christian Scriptures](#) (5)  
 UFDN 3100 [Christian Theology](#) (5)

**Total**

**35**

### University Foundation Requirements

Students who enter SPU with junior or senior standing (90 transferable credits or more) are required to take only UFDN 3001 and UFDN 3100 to fulfill University Foundations requirements. Students who enter with freshman or sophomore standing must complete UFDN 1000, UFDN 2000 and UFDN 3100.

### THE EXPLORATORY CURRICULUM

Through the Exploratory Curriculum, all students are required to complete coursework in the arts, humanities, social sciences, natural sciences, and mathematics. Students working toward a bachelor of arts (B.A.) must complete 15 credits in the arts and humanities; students working toward a bachelor of science (B.S.) must complete 10 credits in arts and humanities.

Students working toward a bachelor of arts (B.A.) must earn 10 credits in the natural sciences, while students working toward a bachelor of science (B.S.) must earn 15 credits.

*Note: Students admitted to special programs or [University Scholars](#) follow a different curriculum specific to their programs.*

### The Exploratory Curriculum Arts and Humanities (AH)

**40 credits**

10 credits B.S., 15 credits B.A.

#### A. Arts (Art, Music, Theatre)

**3 credits  
 minimum**

Choose from among the following courses:

- ART 1102 [Drawing Studio:Observtn&Realism](#) (5)
- ART 1103 [Drawing Studio:Concept&Compstn](#) (5)
- ART 1104 [Drawing Studio:Perspective](#) (5)
- ART 1180 [The Visual Arts](#) (5)
- ART 2302 [Painting Studio:Still Life-Oil](#) (5)
- ART 2421 [Printmaking Studio](#) (3)
- ART 2422 [Metals Studio](#) (3)
- ART 2602 [West Trad I:Ancient&Medvl Art](#) (5)
- ART 2603 [West Trad II:Art since Renssnc](#) (5)
- ART 3605 [Topics in Modern Art](#) (5)
- ART 3606 [Cross-Cultural Encounters](#) (5)
- ART 3608 [Issues in Contemporary Art](#) (5)
- ART 3612 [Urban Spaces of Rome](#) (5)
- ART 3613 [Roman Church Architecture](#) (5)
- CHN 1110 [Introductn Chinese Calligraphy](#) (1)
- CHN 3100 [Chinese Arts and Culture](#) (2-3)
- COM 3780 [Introduction to Film](#) (5)
- EUR 3100 [Foundations of European Art](#) (3)
- FCS 1710 [Global Impacts of Design](#) (5)
- FCS 2870 [Seeing History Through Clothes](#) (5)
- FCS 3870 [History of Costume](#) (5)
- FPA 3160 [CCCU:Indian Arts & Painting](#) (3-6)
- FPA 3170 [CCCU: India Design](#) (3-6)
- INB 2000 [Chinese Music](#) (1-2)
- MUS 1250 [Begin Keyboard Cls\(Non-Majors\)](#) (2)
- MUS 1251 [Intrmed Keybrd Cls\(Non-Majors\)](#) (2)
- MUS 1255 [Intrmd Keybr Profic\(Music Maj\)](#) (2)
- MUS 1260 [Beginning Voice Class](#) (2)
- MUS 1270 [Beginning Folk Guitar](#) (1)
- MUS 1271 [Intermediate Folk Guitar](#) (1)
- MUS 1600 [Exploring & Understanding Mus](#) (5)
- MUS 2305 [Women's Choir](#) (2)
- MUS 2306 [Brass Ensemble](#) (1)

- MUS 2307 [Percussion Ensemble](#) (1-2)  
 MUS 2308 [Woodwind Ensmble \(Flute\)](#) (1)  
 MUS 2309 [String Ensemble](#) (1)  
 MUS 2311 [Jazz Ensemble](#) (2)  
 MUS 2312 [Men's Choir](#) (2)  
 MUS 2313 [Vocal Jazz Ensemble](#) (2)  
 MUS 2340 [Chamber Ensemble](#) (1)  
 MUS 2350 [Concert Choir](#) (2)  
 MUS 2351 [Symphonic Wind Ensemble](#) (2)  
 MUS 2353 [Symphony Orchestra](#) (2)  
 MUS 2402 [History & Appreciation of Jazz](#) (5)  
 MUS 2560 [Introduction to Music Therapy](#) (3)  
 MUS 2604 [Soundscape](#) (5)  
 MUS 2605 [Survey of Popular Music](#) (5)  
 MUS 2654 [World Music](#) (3)  
 MUS 2655 [World Music Lab](#) (2)  
 MUS 3401 [Music & Worship](#) (2)  
 MUS 3602 [Magic of Opera](#) (5)  
 MUS 4305 [Women's Choir](#) (2)  
 MUS 4306 [Brass Ensemble](#) (1)  
 MUS 4307 [Percussion Ensemble](#) (1-2)  
 MUS 4308 [Woodwind Ensmble \(Flute\)](#) (1)  
 MUS 4309 [String Ensemble](#) (1)  
 MUS 4311 [Jazz Ensemble](#) (2)  
 MUS 4312 [Men's Choir](#) (2)  
 MUS 4313 [Vocal Jazz Ensemble](#) (2)  
 MUS 4340 [Chamber Ensemble](#) (1)  
 MUS 4350 [Concert Choir](#) (2)  
 MUS 4351 [Symphonic Wind Ensemble](#) (2)  
 MUS 4353 [Symphony Orchestra](#) (2)  
 MUS 4401 [The Song of the Church](#) (3)  
 MUS 4402 [History & Appreciation of Jazz](#) (5)  
 TRE 1110 [The Theatre Experience](#) (5)  
 TRE 1310 [The Actor's Art](#) (5)  
 TRE 1340 [Acting I: Fundamentals](#) (5)  
 TRE 1930 [Performance Practicum](#) (2)  
 TRE 1931 [Production Practicum](#) (2)  
 TRE 2420 [Theatre & Drama:Tragedy](#) (5)  
 TRE 2421 [Theatre & Drama:Comedy](#) (5)  
 TRE 3780 [The Art of Film](#) (5)  
 TRE 3930 [Performance Practicum](#) (2)  
 TRE 3931 [Production Practicum](#) (2)

*Note: Only Integrated Studies majors may use credits earned in ART 3546, MUS 3501/3502, and/or TRE 3800 toward Exploratory Curriculum requirements.*

## **B. Humanities**

**(Classics, Communication, English, European Studies, Philosophy)**

**3 credits  
minimum**

Choose from among the following courses:

- CHN 3140 [Contmpry Chinese Cultr&Society](#) (4-6)  
 CLA 3100 [Ancient Civilization](#) (5)  
 CLA 3104 [Survey Ancient Greek Lit](#) (5)  
 CLA 3170 [Classical Civilization](#) (5)  
 CLA 3204 [Survey of Classical Latin Lit](#) (5)  
 COM 1101 [Intro to Interpersonal Commun](#) (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 [New International Fiction](#) (5)  
 ENG 3334 [American Ethnic Literature](#) (5)  
 ENG 3382 [South African Lit & Theater](#) (5)  
 EUR 1110 [Heritage of Europe](#) (5)  
 EUR 3287 [Mythology in Literature](#) (5)

- EUR 3500 [European Civilization](#) (5)
- FRE 2101 [Niveau Intermediaire](#) (5)
- FRE 2102 [Niveau Intermediaire](#) (5)
- FRE 2103 [Niveau Intermediaire](#) (5)
- FRE 3105 [Composition Conversation](#) (5)
- FRE 3205 [Topics: Francophone Literature](#) (5)
- GER 2101 [Intermediate German I](#) (5)
- GER 2102 [Intermediate German II](#) (5)
- GER 2103 [Intermediate German III](#) (5)
- GER 3206 [Topics in German Lang & Lit](#) (3-5)
- GRK 4920 [Indpdnt Readngs Classical Grk](#) (1-5)
- HIS 3100 [Ancient Civilization](#) (5)
- HIS 3170 [Classical Civilization](#) (5)
- HUM 3111 [Uganda: Literature](#) (3-6)
- HUM 3300 [CCCU: India Literature](#) (3-6)
- INB 3030 [History & Culture of China](#) (4)
- LAT 4920 [Indpdnt Readngs Classical Lat](#) (1-5)
- LIN 2100 [Foundations of Language Study](#) (5)
- PHI 1001 [Power of Logic](#) (5)
- PHI 1002 [History of Ethics](#) (5)
- PHI 1004 [Survey of Western Philosophy](#) (5)
- PHI 2500 [Philosophy of Science](#) (3)
- PHI 2999 [Aesthetics](#) (3)
- RUS 2207 [Modern Russian Culture thr Lit](#) (5)
- RUS 3100 [Intermediate Russian I](#) (5)
- RUS 3200 [Intermediate Russian II](#) (5)
- RUS 3300 [Intermediate Russian III](#) (5)
- SBS 4913 [Mid East Sem: Islam Modern Wrld](#) (6)
- SPN 2101 [Intermediate Spanish I](#) (5)
- SPN 2102 [Intermediate Spanish II](#) (5)
- SPN 2103 [Intermediate Spanish III](#) (5)
- SPN 4401 [Topics in Spanish Literature](#) (3,5)
- SPN 4501 [Topics in Latin American Lit](#) (3,5)

*Note: Only Integrated Studies majors may use credits earned in EDRD 4516 and/or 4517 toward Exploratory Curriculum requirements..*

**C. One Additional Course in a Third\* Arts or Humanities Subject      3 credits minimum**

B.A. degree students choose an additional course totaling at least 3 credits from either category A or B, since courses in at least three disciplines are required to complete the 15-credit arts and humanities requirements.

\***Note:** Students who take COM 3780 may count this course toward AHA or AHC, even if COM 1101 or COM 1321 was used for AHB. Students who take EUR 3100 may use this course toward AHA or AHC, even if EUR 1110, EUR 3287, EUR 3500 or EUR 4912 was used to fulfill AHB.

**Social Sciences (SS) 10 credits**

**A. Anthropology, Psychology, Sociology      5**

- ANT 1110 [General Anthropology](#) (5)
- ANT 2250 [Cultural Anthropology](#) (5)
- PSY 1180 [Gen Psych: Individual in Growth](#) (5)
- SBS 4915 [Public Policy Seminar](#) (6-12)
- SOC 1110 [Introduction to Sociology](#) (5)
- SOC 2310 [Foundations of Social Services](#) (5)

**B. Economics, Geography, History, Political Science      5**

Choose from among the following courses:

- BUS 1600 [Intro to Business Practice](#) (5)
- ECN 2101 [Principles of Microeconomics](#) (5)
- ECN 2102 [Principles of Macroeconomics](#) (5)
- ECN 2207 [Economic Geography](#) (5)
- GEO 1110 [World Regional Geography](#) (5)
- GEO 2000 [Intro to Global Development](#) (5)
- GEO 2207 [Economic Geography](#) (5)
- GEO 3677 [The Nature of Cities](#) (5)
- HIS 1200 [Ancient & Medieval Worlds](#) (5)
- HIS 2491 [Origins of Western Science](#) (5)



- HIS 2492 [Foundations of Modern Science](#) (5)
- HIS 2502 [The United States to 1876](#) (5)
- HIS 2503 [The United States Since 1876](#) (5)
- HIS 3345 [Modern Russia](#) (5)
- HIS 3440 [Internatnl Peace & World Order](#) (5)
- HIS 3501 [Col & Rev Am:Found of Am Civ](#) (5)
- HIS 3670 [Hist of Amer Foreign Relations](#) (5)
- HIS 3710 [Comparative Non-Western Histry](#) (5)
- HIS 3720 [Rise of Islamic Civilization](#) (5)
- HIS 3730 [Modern Middle East](#) (5)
- HIS 3765 [Traditional East Asia](#) (5)
- HIS 3785 [Modern East Asia](#) (5)
- POL 1110 [Introduction to Politics](#) (5)
- POL 1120 [American Government & Politics](#) (5)
- POL 2330 [International Relations](#) (5)
- POL 2641 [Christianity & Amer. Politics](#) (5)
- POL 3345 [Russia, The Caucasus&Cntrl Asia](#) (5)
- POL 3440 [War, Peace & World Order](#) (5)
- POL 3670 [Hist of Amer Foreign Relations](#) (5)
- SBS 3130 [Uganda:African Histry & Cultr](#) (3-6)
- SBS 3230 [CCCU: Contmp India Cultur&Soc](#) (3-6)
- SBS 4902 [China Studies:Hist,Culture,Geo](#) (3-5)
- SBS 4912 [Mid East Sem:Peopl & Cultures](#) (6)
- SBS 4914 [Mid East Sem:Conflict & Change](#) (6)
- SBS 4918 [LASP: Seminar I](#) (4-5)

**Natural Sciences (NS)**

10 credits B.A., 15 credits B.S.

**A. Biological Science**

5

Choose from among the following courses:

- BIO 1100 [Biological Science](#) (5)
- BIO 2101 [General Biology](#) (5)
- BIO 2102 [General Biology](#) (5)
- BIO 2103 [General Biology](#) (5)
- BIO 2129 [Human Anatomy & Physiology](#) (5)
- BIO 2130 [Human Anatomy & Physiology](#) (5)
- BIO 2569 [Introduction to Biology I](#) (3)
- BIO 2570 [Introduction to Biology II](#) (3)
- BIO 4917 [LASP: Science Seminar](#) (6)

**B. Physical Sciences**

5

Choose from among the following courses:

- CHM 1100 [Introduction to Chemistry](#) (5)
- CHM 1110 [Intro to the Nature of Science](#) (5)
- CHM 1211 [General Chemistry I](#) (5)
- CHM 1330 [Organic & Biological Chemistry](#) (5)
- CSC 1010 [Science and Technology](#) (5)
- PHY 1101 [General Physics](#) (5)
- PHY 1102 [General Physics](#) (5)
- PHY 1103 [General Physics](#) (5)
- PHY 1110 [Intro to the Nature of Science](#) (5)
- PHY 1121 [Physics for Sci & Engineering](#) (5)
- PHY 1122 [Physics for Sci & Engineering](#) (5)
- PHY 1123 [Physics for Sci & Engineering](#) (5)
- PHY 1135 [Astronomy:Individual & Univers](#) (5)
- PHY 1140 [Physics of Sound](#) (5)
- PHY 1142 [Earth System Science](#) (5)
- PHY 1145 [Oceanography](#) (5)
- PHY 1150 [Introduction to Geology](#) (5)
- PHY 2567 [Devlp Concepts Physcl Science I](#) (3)
- PHY 2568 [Devlp Concept Physcl Science II](#) (3)

**C. One Additional Natural Sciences Course**

**5 credits**

B.S. degree students choose an additional 5-credit course from the natural sciences to complete the 15-credit natural sciences requirement.

**Mathematics (MA)**

**5 credits**

Choose from among the following courses:

- CSC 1521 [Contemporary Math w/Computing](#) (5)
- EDU 2600 [Statistics Unleashed](#) (5)
- HSC 4044 [Biomed Tests, Measrmts & Stats](#) (5)
- MAT 1221 [Survey of Calculus](#) (5)
- MAT 1234 [Calculus I](#) (5)
- MAT 1235 [Calculus II](#) (5)
- MAT 1360 [Introduction to Statistics](#) (5)
- MAT 1521 [Intro:Contemporary Mathematics](#) (5)
- MAT 2561 [Statistical & Algebraic Reasnq](#) (4)
- MAT 2700 [Statistics for Business & Econ](#) (5)
- PSY 2360 [Intro to Stats Soc & Behav Sci](#) (5)
- SOC 2360 [Intro to Stats Soc & Behav Sci](#) (5)

*Students who complete MAT 2561 must also complete its prerequisite course, MAT 1560, in order to fulfill the Exploratory Curriculum mathematics requirement.*

### University Scholars

The [University Scholars](#) program is for students who have been invited into this special program.

#### University Scholars Program

*66 credits total, including one lab science course and a 5-credit mathematics course approved to fulfill the mathematics requirement in the Exploratory Curriculum*

- PHY 1111 [University Scholars Physics](#) (5)
- UFDN 1000 [Christian Formation](#) (5)
- UFDN 2000 [Christian Scriptures](#) (5)
- UFDN 3100 [Christian Theology](#) (5)
- USCH 1000 [University Scholars Seminar](#) (5)
- USCH 1111 [Texts and Contexts I](#) (5)
- USCH 1112 [Texts and Contexts II](#) (5)
- USCH 1113 [Texts and Contexts III](#) (5)
- USCH 1114 [Texts and Contexts IV](#) (5)
- USCH 3910 [Faith and Science I](#) (5)
- USCH 4910 [Faith and Science II](#) (5)
- USCH 4950 [Christianity and Scholarship](#) (2)
- USCH 4960 [Honors Project I](#) (2)
- USCH 4965 [Honors Project II](#) (2-4)

Math course from the Exploratory Curriculum above (5)

A combined total of no more than 4 credits is allowed in USCH 4960 and/or USCH 4965.

*Note: Students may satisfy the lab science requirement with PHY 1111 or any other college-level, lab-science course. Credits received for AP, IB, or CLEP scores will not fulfill this requirement.*

## THE MAJOR CURRICULUM

### Specific Standards Governing Completion of a Major

1. A major requires a minimum of 45 credits, although most programs require more. A minimum of 23 credits is required in courses numbered 3000–4999, although some programs require more. No more than 75 credits may be required or controlled by a school in designating requirements for a major without review and approval of the Undergraduate Policies and Evaluation Committee.
2. A student must complete a major to earn either a bachelor of arts or bachelor of science degree.
3. At least 15 of the required upper-division credits in a major must be earned at Seattle Pacific University.
4. Major requirements must be met in full. These requirements of proficiency in depth and breadth are specified in the sections of the *Undergraduate Catalog* assigned to the various schools or departments of the University. These requirements state total credits, upper-division credits, prescribed courses, supporting courses, and non-credit requirements.
5. Coursework with a P or a grade below C- (1.7) may not be applied to a major.
6. The student must apply for a major and be accepted by the school or department in which he or she plans to complete a major. The acceptance date determines the *Undergraduate Catalog* under which major requirements will be applied.
7. The school or department in which a student completes a major must certify to Student Academic Services that he or she has satisfactorily met the evaluative and proficiency standards for such a major.

8. A student may simultaneously complete a double major. Both majors may be in a B.A. category, or two majors in a B.S. category, or one in a B.A. category and one in a B.S. category. All requirements for each major must be completed prior to the granting of the bachelor's degree.

#### Specific Standards Governing Completion of a Minor

1. Except in the case of students majoring in professional studies, students are not obligated to complete a minor area of study in order to receive the B.A. or B.S. degree. However, a student must be working toward a major in order to earn a minor.
2. Acceptance into a minor is determined by the academic school or department. A minimum GPA is noted in the [Academic Program](#) section. 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.
3. A minor requires a minimum of 30 credits but may not require more than 45 credits. A minimum of 15 credits is required in courses numbered 3000–4999. Requirements for specific minors may be found in the school or department sections of this *Undergraduate Catalog*.
4. Coursework with a P or a grade below C- (1.7) will not be applied to a minor.
5. Students must earn a minimum of 15 credits toward their minor at SPU, including 10 upper-division credits.
6. In all cases it is necessary to apply for, and be accepted into, the minor field. The date of formal acceptance into a minor program determines the *Undergraduate Catalog* under which minor requirements will be applied.
7. The school or department in which a student completes a minor must certify to Student Academic Services that he or she has satisfactorily met all requirements for the minor.
8. If a student is pursuing a minor, all requirements for the minor must be completed prior to the awarding of the bachelor's degree.

#### Limitations on Credit Applicable Toward a Degree

1. Seattle Pacific University may accept up to 90 credits combined total from community colleges, junior colleges, unaccredited colleges or institutes, and AP/CLEP/IB exams toward a baccalaureate degree. See limits under Credit by Exam.
2. A student may earn up to 10 credits toward a baccalaureate degree in skills courses approved by the Undergraduate Policies and Evaluation Committee.
3. Students 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.
4. Credits in excess of 45 taken as a non-matriculated student will not apply toward an undergraduate degree.
5. Credits in excess of 15 credits taken as a non-matriculated student may not be applied to a post-baccalaureate degree.

#### Standards Governing Completion of a Second Bachelor's Degree

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 item 8 listed](#) under Specific Standards Governing the Completion of a Major. A second bachelor's degree may be earned upon completion of a minimum of 45 credits as a matriculated student at Seattle Pacific University subsequent to the granting of the first degree. The student must be accepted into a major; 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 the first degree was earned at SPU:

1. At least 15 of the 45 credits for the second degree must be taken at SPU.
2. At least 15 upper-division credits in the major must be earned at SPU.
3. No more than 15 credits taken as a non-matriculated student may apply toward the additional bachelor's degree.
4. Of the 45 credits required for the second degree, up to 15 credits may be earned 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, a student may be required to complete fewer than 45 credits for the second degree, but no fewer than 30 credits.
5. All specified requirements for the second degree must be fulfilled, including all requirements in the major.

If the first degree was earned at another institution:

1. A student who has not previously matriculated at SPU must earn at least 45 credits toward the second degree at SPU.
2. No more than 15 credits taken as a non-matriculated student may apply toward the additional bachelor's degree.
3. A student who at some prior point matriculated at SPU must earn at least 30 of the required 45 credits at SPU.

4. At least 15 upper-division credits in the major must be earned at SPU.
5. 5 credits in Christian Scriptures or Christian Theology must be completed at SPU.
6. All specified requirements for the second degree must be fulfilled, including all requirements in the major.



#### Graduation Checklist

Students may wish to track their progress toward graduation by downloading their Degree Status Check found in [Banner](#) under Student Menu/Grades and Transcripts Menu/UG Degree Status Check.

After downloading [Check Your Degree Status](#), a student may transfer information to the appropriate [graduation requirements checklist](#).


### USCH 1000: University Scholars Seminar

Prerequisite: Admission to the University Scholars Program. This seminar introduces University Scholars to the liberal arts at a Christian University through an exploration of the motif of cultural encounters in world history. As an introduction to the University Scholars' program, the course will encourage students to consider encounters they will experience during their educational journey. Students will write, speak, practice critical thinking, participate in group projects, and use electronic and print learning resources. Open to University Scholars only.

Term	CRN	Credits	Instructor(s)	Days	Time	Dates	Location	Fees	Open
Autumn	3640	5	<a href="#">Kevin Neuhouser</a>	Mon,Wed,Fri Final: Tue	9:30AM-10:50AM 8:00AM-10:00AM	09/26-12/02 12/06-12/06	<a href="#">Demaray Hall 261</a> <a href="#">Demaray Hall 261</a>		1 open seat 
<b>Special Approval:</b> Instructor Permission Required <b>Cross-listed Courses:</b> USEM 1000									
Autumn	3641	5	<a href="#">Don Holsinger</a>	Mon,Wed,Fri Final: Tue	9:30AM-10:50AM 8:00AM-10:00AM	09/26-12/02 12/06-12/06	<a href="#">Demaray Hall 259</a> <a href="#">Demaray Hall 259</a>		2 open seats 
<b>Special Approval:</b> Instructor Permission Required <b>Cross-listed Courses:</b> USEM 1000									

### USEM 1000: 21st-Century Technology for 21st-Century People

This seminar introduces first-year college students to the liberal arts at a Christian university through the investigation of a special topic. Students will write, speak, and practice critical thinking, participate in group projects, and use electronic and print learning resources. As an introduction to university life, the seminar helps students explore the meaning of Christian vocation and develop a love of learning. Seminar instructors will serve as faculty advisor to students in their seminar through the freshman year. Descriptions of particular seminars are available in the yearly class schedule.

Term	CRN	Credits	Instructor(s)	Days	Time	Dates	Location	Fees	Open
Autumn	2842	5	<a href="#">Mike Tindall</a>	Mon,Wed,Fri Final: Tue	9:30AM-10:50AM 8:00AM-10:00AM	09/26-12/02 12/06-12/06	<a href="#">Otto Miller Hall 246</a> <a href="#">Otto Miller Hall 246</a>		1 open seat 
<b>Restrictions:</b> Freshman students only.									

## UCOR 1000: Arts & Christian Community

This course considers the question "Who am I and for what have I been created?" Through examining literary and artistic works that have shaped cultures past and present, it explores how we are created to be unique persons and to be in community with others. Key themes are: artistic ways of knowing; individualism and conformity; and faith as a formative virtue.

Term	CRN	Credits	Instructor(s)	Days	Time	Dates	Location	Fees Open	
Autumn	3983	5	<a href="#">Tom Amorose</a>	Mon,Wed,Fri Final: Mon	1:30PM- 2:50PM 1:00PM- 3:00PM	09/26- 12/02 12/05- 12/05	<a href="#">Weter Memorial Hall 201</a> <a href="#">Weter Memorial Hall 201</a>	17 open seats	
Winter	22732	5	<a href="#">Kimberly Segall</a>	Mon,Wed,Fri Final: Thu	9:30AM- 10:50AM 8:00AM- 10:00AM	01/04- 03/12 03/15- 03/15	<a href="#">Cremona Classrooms 203</a> <a href="#">Cremona Classrooms 203</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									
Winter	22734	5	<a href="#">Andrew Ryder</a>	Mon,Wed,Fri Final: Thu	9:30AM- 10:50AM 8:00AM- 10:00AM	01/04- 03/12 03/15- 03/15	<a href="#">Demaray Hall 353</a> <a href="#">Demaray Hall 353</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									
Winter	22737	5	<a href="#">Julie Kae Sigars</a>	Mon,Wed,Fri Final: Thu	9:30AM- 10:50AM 8:00AM- 10:00AM	01/04- 03/12 03/15- 03/15	<a href="#">Demaray Hall 150</a> <a href="#">Demaray Hall 150</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									
Winter	24218	5	<a href="#">Karen Gutowsky- Zimmerman</a>	Mon,Wed,Fri Final: Thu	9:30AM- 10:50AM 8:00AM- 10:00AM	01/04- 03/12 03/15- 03/15	<a href="#">Art Center 5</a> <a href="#">Art Center 5</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									
Winter	24449	5	<a href="#">Tom Amorose</a>	Mon,Wed,Fri Final: Thu	9:30AM- 10:50AM 8:00AM- 10:00AM	01/04- 03/12 03/15- 03/15	<a href="#">Otto Miller Hall 119</a> <a href="#">Otto Miller Hall 119</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									

Winter	25502	5	<a href="#">Roger Feldman</a>	Mon,Wed,Fri Final: Thu	9:30AM-10:50AM 8:00AM-10:00AM	01/04-03/12 03/15-03/15	<a href="#">Cremona Classrooms 102</a> <a href="#">Cremona Classrooms 102</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									
Winter	26054	5	<a href="#">Cherie Hughes</a>	Mon,Wed,Fri Final: Thu	9:30AM-10:50AM 8:00AM-10:00AM	01/04-03/12 03/15-03/15	<a href="#">Crawford Music Building 201</a> <a href="#">Crawford Music Building 201</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									
Winter	28020	5	<a href="#">Debbie Pope</a>	Mon,Wed,Fri Final: Thu	9:30AM-10:50AM 8:00AM-10:00AM	01/04-03/12 03/15-03/15	<a href="#">Demaray Hall 356</a> <a href="#">Demaray Hall 356</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									
Spring	42337	5	<a href="#">Suzanne Wolfe</a>	Mon,Wed,Fri Final: Wed	9:30AM-10:50AM 8:00AM-10:00AM	03/28-06/01 06/06-06/06	<a href="#">Otto Miller Hall 119</a> <a href="#">Otto Miller Hall 119</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									
Spring	42338	5	<a href="#">Bill Purcell</a>	Mon,Wed,Fri Final: Wed	9:30AM-10:50AM 8:00AM-10:00AM	03/28-06/01 06/06-06/06	<a href="#">Bertona 6</a> <a href="#">Bertona 6</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									
Spring	42339	5	<a href="#">Susan VanZanten</a>	Mon,Wed,Fri Final: Wed	9:30AM-10:50AM 8:00AM-10:00AM	03/28-06/01 06/06-06/06	<a href="#">Marston Watson Hall 5/6</a> <a href="#">Marston Watson Hall 5/6</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									
Spring	42341	5	<a href="#">Carlene Brown</a>	Mon,Wed,Fri Final: Wed	9:30AM-10:50AM 8:00AM-10:00AM	03/28-06/01 06/06-06/06	<a href="#">Crawford Music Building 201</a> <a href="#">Crawford Music Building 201</a>	40 open seats	

<u>Restrictions:</u> Freshman students only.									
Spring	42342	5	<a href="#">Doug Thorpe</a>	Mon,Wed,Fri	9:30AM-10:50AM Final: Wed 8:00AM-10:00AM	03/28-06/01 06/06-06/06	<a href="#">Demaray Hall 356</a> <a href="#">Demaray Hall 356</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									
Spring	42975	5	<a href="#">Julie Kae Sigars</a>	Mon,Wed,Fri	9:30AM-10:50AM Final: Wed 8:00AM-10:00AM	03/28-06/01 06/06-06/06	<a href="#">Demaray Hall 150</a> <a href="#">Demaray Hall 150</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									
Spring	43421	5	<a href="#">Debbie Pope</a>	Mon,Wed,Fri	9:30AM-10:50AM Final: Wed 8:00AM-10:00AM	03/28-06/01 06/06-06/06	<a href="#">Weter Memorial Hall 202</a> <a href="#">Weter Memorial Hall 202</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									
Spring	45057	5	<a href="#">Cherie Hughes</a>	Mon,Wed,Fri	9:30AM-10:50AM Final: Wed 8:00AM-10:00AM	03/28-06/01 06/06-06/06	<a href="#">Crawford Music Building 211</a> <a href="#">Crawford Music Building 211</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									
Spring	46290	5	<a href="#">Stephen Newby</a>	Mon,Wed,Fri	9:30AM-10:50AM Final: Wed 8:00AM-10:00AM	03/28-06/01 06/06-06/06	<a href="#">Beegle Hall 201</a> <a href="#">Beegle Hall 201</a>	40 open seats	
<u>Restrictions:</u> Freshman students only.									

### UCOR 2000: The West and the World

Considers the question "From where have we come and where are we going?" Explores the history of interaction between the West and the world from the dawn of the modern global age (about 1500) to the present. How has Western civilization been influenced by and influenced other cultures? Key themes are ideas, inventions, and systems of interaction. The virtue of hope motivates service as the Christian response to a constantly changing world.

Term	CRN	Credits	Instructor(s)	Days	Time	Dates	Location	Fees	Open
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Autumn 3984	5	<a href="#">Zhiguo Ye</a>	Mon,Wed,Fri Final: Mon	1:30PM-2:50PM 1:00PM-3:00PM	09/26- 12/02 12/05- 12/05	<a href="#">Royal Brougham Pavillion/Gym CLSRM</a> <a href="#">Royal Brougham Pavillion/Gym CLSRM</a>	7 open seats	
<u>Restrictions:</u> Freshman students are excluded.								
Autumn 3985	5	<a href="#">Mike Hamilton</a>	Tue,Thu Final: Tue	2:30PM-4:50PM 1:00PM-3:00PM	09/26- 12/02 12/06- 12/06	<a href="#">Weter Memorial Hall 202</a> <a href="#">Weter Memorial Hall 202</a>	26 open seats	
<u>Restrictions:</u> Freshman students are excluded.								
Autumn 3986	5	<a href="#">David Stearns</a>	Tue,Thu Final: Tue	2:30PM-4:50PM 1:00PM-3:00PM	09/26- 12/02 12/06- 12/06	<a href="#">Demaray Hall 358</a> <a href="#">Demaray Hall 358</a>	31 open seats	
<u>Restrictions:</u> Freshman students are excluded.								
Autumn 5539	5	<a href="#">David Stearns</a>	Tue,Thu Final: Tue	10:30AM- 12:50PM 10:30AM- 12:30PM	09/26- 12/02 12/06- 12/06	<a href="#">Otto Miller Hall 128</a> <a href="#">Otto Miller Hall 128</a>	0 waitlisted	
<u>Restrictions:</u> Freshman students are excluded.								
Autumn 6149	5	<a href="#">Rebecca Hughes</a>	Mon,Wed Final: Wed	3:00PM-5:20PM 1:00PM-3:00PM	09/26- 12/02 12/07- 12/07	<a href="#">Demaray Hall 360</a> <a href="#">Demaray Hall 360</a>	1 waitlisted	
<u>Restrictions:</u> Freshman students are excluded.								
Autumn 6812	5	<a href="#">Katya Drozdova</a>	Tue,Thu Final: Tue	10:30AM- 12:50PM 10:30AM- 12:30PM	09/26- 12/02 12/06- 12/06	<a href="#">Otto Miller Hall 119</a> <a href="#">Otto Miller Hall 119</a>	9 open seats	
<u>Restrictions:</u> Freshman students are excluded.								
Winter 23122	5	<a href="#">Zhiguo Ye</a>	Mon,Wed,Fri Final: Fri	3:00PM-4:20PM 1:00PM-3:00PM	01/04- 03/12 03/16- 03/16	<a href="#">Demaray Hall 358</a> <a href="#">Demaray Hall 358</a>	40 open seats	
<u>Restrictions:</u> Freshman students are excluded.								



Winter	23123	5	<a href="#">Don Holsinger</a>	Mon,Wed,Fri Final: Wed	1:30PM-2:50PM 1:00PM-3:00PM	01/04-03/12 03/14-03/14	<a href="#">Peterson Hall 303</a> <a href="#">Peterson Hall 303</a>	40 open seats	
<u>Restrictions:</u> Freshman students are excluded.									
Winter	23125	5	<a href="#">Ruth Ediger</a>	Mon,Wed,Fri Final: Wed	8:00AM-9:20AM 8:00AM-10:00AM	01/04-03/12 03/14-03/14	<a href="#">Demaray Hall 358</a> <a href="#">Demaray Hall 358</a>	40 open seats	
<u>Restrictions:</u> Freshman students are excluded.									
Winter	23647	5	<a href="#">Rod Stiling</a>	Mon,Wed,Fri Final: Thu	9:30AM-10:50AM 8:00AM-10:00AM	01/04-03/12 03/15-03/15	<a href="#">McKenna Hall 117</a> <a href="#">McKenna Hall 117</a>	40 open seats	
<u>Restrictions:</u> Freshman students are excluded.									
Winter	24945	5	<a href="#">Alberto Ferreiro</a>	Mon,Wed,Fri Final: Wed	11:00AM-12:20PM 10:30AM-12:30PM	01/04-03/12 03/14-03/14	<a href="#">Cremona Classrooms 202</a> <a href="#">Cremona Classrooms 202</a>	40 open seats	
<u>Restrictions:</u> Freshman students are excluded.									
Winter	26539	5	<a href="#">Katya Drozdova</a>	Tue,Thu Final: Thu	10:30AM-12:50PM 10:30AM-12:30PM	01/04-03/12 03/15-03/15	<a href="#">Cremona Classrooms 101</a> <a href="#">Cremona Classrooms 101</a>	40 open seats	
<u>Restrictions:</u> Freshman students are excluded.									
Winter	27309	5	<a href="#">Walter Gustafson</a>	Tue,Thu Final: Thu	2:00PM-4:20PM 1:00PM-3:00PM	01/04-03/12 03/15-03/15	<a href="#">Otto Miller Hall 119</a> <a href="#">Otto Miller Hall 119</a>	40 open seats	
<u>Restrictions:</u> Freshman students are excluded.									
Spring	43105	5	<a href="#">Don Holsinger</a>	Mon,Wed,Fri Final: Tue	1:30PM-2:50PM 1:00PM-3:00PM	03/28-06/01 06/05-06/05	<a href="#">Demaray Hall 360</a> <a href="#">Demaray Hall 360</a>	40 open seats	

<u>Restrictions:</u> Freshman students are excluded.									
Spring	43911	5	<a href="#">Rod Stiling</a>	Mon,Wed,Fri Final: Wed	9:30AM- 10:50AM 8:00AM- 10:00AM	03/28- 06/01 06/06- 06/06	<a href="#">Demaray Hall 360</a> <a href="#">Demaray Hall 360</a>	40 open seats	
<u>Restrictions:</u> Freshman students are excluded.									
Spring	44301	5	<a href="#">Alberto Ferreiro</a>	Mon,Wed,Fri Final: Tue	11:00AM- 12:20PM 10:30AM- 12:30PM	03/28- 06/01 06/05- 06/05	<a href="#">Demaray Hall 353</a> <a href="#">Demaray Hall 353</a>	40 open seats	
<u>Restrictions:</u> Freshman students are excluded.									
Spring	44302	5	<a href="#">Walter Gustafson</a>	Tue,Thu Final: Wed	10:30AM- 12:50PM 10:30AM- 12:30PM	03/28- 06/01 06/06- 06/06	<a href="#">Bertona 1</a> <a href="#">Bertona 1</a>	40 open seats	
<u>Restrictions:</u> Freshman students are excluded.									
Spring	46243	5	<a href="#">Zhiguo Ye</a>	Mon,Wed,Fri Final: Tue	1:30PM-2:50PM 1:00PM-3:00PM	03/28- 06/01 06/05- 06/05	<a href="#">Cremona Classrooms 102</a> <a href="#">Cremona Classrooms 102</a>	40 open seats	
<u>Restrictions:</u> Freshman students are excluded.									

### UCOR 3000: Belief, Morality & Modern Mind

Prerequisite: UFDN 2000. This course considers the question "How do I know what is true and how should I act on that knowledge?" It explores questions about Christian faith and practice that arise from modern developments in philosophy and science. Key themes are authority, reason, personal meaning, ethics, and love as the Christian response to God's creation and humankind.

Term	CRN	Credits	Instructor(s)	Days	Time	Dates	Location	Fees	Open
Summer	60073	5	<a href="#">Patrick McDonald</a>	Mon,Tue,Wed,Thu	10:30AM- 1:20PM	07/11- 08/05	<a href="#">Peterson Hall 303</a>	\$595/cr	20 open seats
<u>Restrictions:</u> Junior, Senior students only. <u>Attributes:</u> Upper-Division									
Autumn	3591	5	<a href="#">Ken Himma</a>	Tue,Thu Final: Tue	10:30AM- 12:50PM 10:30AM-	09/26- 12/02 12/06-	<a href="#">Otto Miller Hall 118</a> <a href="#">Otto Miller Hall 118</a>		12 waitlisted

					12:30PM	12/06			
<u>Restrictions:</u> Junior, Senior students only. <u>Attributes:</u> Upper-Division									
Autumn	3592	5	<a href="#">Patrick McDonald</a>	Mon,Wed,Fri Final: Mon	11:00AM-12:20PM 10:30AM-12:30PM	09/26-12/02 12/05-12/05	<a href="#">Cremona Classrooms 202</a> <a href="#">Cremona Classrooms 202</a>	12 waitlisted	
<u>Restrictions:</u> Junior, Senior students only. <u>Attributes:</u> Upper-Division									
Autumn	3594	5	<a href="#">Tom Trzyna</a>	Tue,Thu Final: Tue	10:30AM-12:50PM 10:30AM-12:30PM	09/26-12/02 12/06-12/06	<a href="#">Bertona 1</a> <a href="#">Bertona 1</a>	1 waitlisted	
<u>Restrictions:</u> Junior, Senior students only. <u>Attributes:</u> Upper-Division									
Autumn	6034	5	<a href="#">Rod Stiling</a>	Mon,Wed,Fri Final: Mon	1:30PM-2:50PM 1:00PM-3:00PM	09/26-12/02 12/05-12/05	<a href="#">Cremona Classrooms 102</a> <a href="#">Cremona Classrooms 102</a>	12 waitlisted	
<u>Restrictions:</u> Junior, Senior students only. <u>Attributes:</u> Upper-Division									
Autumn	8391	5	<a href="#">Steve Layman</a>	Mon,Wed,Fri Final: Mon	1:30PM-2:50PM 1:00PM-3:00PM	09/26-12/02 12/05-12/05	<a href="#">Otto Miller Hall 118</a> <a href="#">Otto Miller Hall 118</a>	2 waitlisted	
<u>Restrictions:</u> Junior, Senior students only. <u>Attributes:</u> Upper-Division									
Winter	23360	5	<a href="#">Steve Layman</a>	Mon,Wed,Fri Final: Thu	9:30AM-10:50AM 8:00AM-10:00AM	01/04-03/12 03/15-03/15	<a href="#">Bertona 4</a> <a href="#">Bertona 4</a>	40 open seats	
<u>Restrictions:</u> Junior, Senior students only. <u>Attributes:</u> Upper-Division									
Winter	23362	5	<a href="#">Rebekah Rice</a>	Mon,Wed,Fri Final: Wed	11:00AM-12:20PM 10:30AM-12:30PM	01/04-03/12 03/14-03/14	<a href="#">Otto Miller Hall 118</a> <a href="#">Otto Miller Hall 118</a>	40 open seats	
<u>Restrictions:</u> Junior, Senior students only. <u>Attributes:</u> Upper-Division									
Winter	23766	5	<a href="#">Patrick McDonald</a>	Mon,Wed,Fri	1:30PM-2:50PM	01/04-03/12	<a href="#">Otto Miller Hall 245</a>	40 open	

				Final: Wed	1:00PM-3:00PM	03/14-03/14	<a href="#">Otto Miller Hall 245</a>	seats	
<u>Restrictions:</u> Junior, Senior students only. <u>Attributes:</u> Upper-Division									
Winter	23767	5	<a href="#">Ken Himma</a>	Tue,Thu Final: Thu	2:00PM-4:20PM 1:00PM-3:00PM	01/04-03/12 03/15-03/15	<a href="#">Otto Miller Hall 118</a> <a href="#">Otto Miller Hall 118</a>	40 open seats	
<u>Restrictions:</u> Junior, Senior students only. <u>Attributes:</u> Upper-Division									
Winter	28081	5	<a href="#">Tom Trzyna</a>	Tue,Thu Final: Thu	10:30AM-12:50PM 10:30AM-12:30PM	01/04-03/12 03/15-03/15	<a href="#">Demaray Hall 356</a> <a href="#">Demaray Hall 356</a>	40 open seats	
<u>Restrictions:</u> Junior, Senior students only. <u>Attributes:</u> Upper-Division									
Spring	42706	5	<a href="#">Steve Layman</a>	Mon,Wed,Fri Final: Tue	1:30PM-2:50PM 1:00PM-3:00PM	03/28-06/01 06/05-06/05	<a href="#">Demaray Hall 150</a> <a href="#">Demaray Hall 150</a>	40 open seats	
<u>Restrictions:</u> Junior, Senior students only. <u>Attributes:</u> Upper-Division									
Spring	43940	5	<a href="#">Tom Trzyna</a>	Tue,Thu Final: Wed	10:30AM-12:50PM 10:30AM-12:30PM	03/28-06/01 06/06-06/06	<a href="#">Otto Miller Hall 127</a> <a href="#">Otto Miller Hall 127</a>	40 open seats	
<u>Restrictions:</u> Junior, Senior students only. <u>Attributes:</u> Upper-Division									
Spring	44191	5	<a href="#">Rebekah Rice</a>	Mon,Wed,Fri Final: Tue	11:00AM-12:20PM 10:30AM-12:30PM	03/28-06/01 06/05-06/05	<a href="#">Weter Memorial Hall 202</a> <a href="#">Weter Memorial Hall 202</a> <a href="#">202</a>	40 open seats	
<u>Restrictions:</u> Junior, Senior students only. <u>Attributes:</u> Upper-Division									
Spring	45056	5	<a href="#">Patrick McDonald</a>	Mon,Wed,Fri Final: Tue	1:30PM-2:50PM 1:00PM-3:00PM	03/28-06/01 06/05-06/05	<a href="#">Weter Memorial Hall 202</a> <a href="#">Weter Memorial Hall 202</a> <a href="#">202</a>	40 open seats	
<u>Restrictions:</u> Junior, Senior students only. <u>Attributes:</u> Upper-Division									

Spring	46284	5	<a href="#">Paul Pardi</a>	Tue,Thu Final: Tue	6:00PM-8:20PM 6:00PM-8:20PM	03/28-06/01 06/05-06/05	<a href="#">Bertona 3</a> <a href="#">Bertona 3</a>		40 open seats	
<b>Restrictions:</b> Junior, Senior students only. <b>Attributes:</b> Upper-Division										

### UFDN 3001: Christian Scriptures

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. (It is not intended for first-quarter students who have just completed the DTA associate degree through the Running Start Program.) 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.

Term	CRN	Credits	Instructor(s)	Days	Time	Dates	Location	Fees	Open	
Summer	60345	5	<a href="#">Bo Lim</a>	Mon,Tue,Wed,Thu	10:30AM-1:20PM	06/13-07/08	<a href="#">Peterson Hall 303</a>	\$595/cr	-	
<b>Restrictions:</b> Junior, Post-Baccalaureate, Senior students only. <b>Cross-listed Courses:</b> UFDN 2000 <b>Attributes:</b> Upper-Division										
Autumn	5257	5	<a href="#">Ed Smyth</a>	Tue,Thu Final: Tue	2:30PM-4:50PM 1:00PM-3:00PM	09/26-12/02 12/06-12/06	<a href="#">Bertona 1</a> <a href="#">Bertona 1</a>		40 open seats	
<b>Restrictions:</b> Junior, Post-Baccalaureate, Senior students only. <b>Cross-listed Courses:</b> UFDN 2000 <b>Attributes:</b> Upper-Division										
Autumn	8690	5	<a href="#">Bo Lim</a>	Mon,Wed,Fri Final: Mon	8:00AM-9:20AM 8:00AM-10:00AM	09/26-12/02 12/05-12/05	<a href="#">Bertona 4</a> <a href="#">Bertona 4</a>		24 open seats	
<b>Restrictions:</b> Junior, Post-Baccalaureate, Senior students only. <b>Cross-listed Courses:</b> UFDN 2000 <b>Attributes:</b> Upper-Division										
Autumn	9321	5	<a href="#">Frank Spina</a>	Mon,Wed Final: Mon	6:00PM-8:20PM 6:00PM-8:20PM	09/26-12/02 12/05-12/05	<a href="#">Bertona 4</a> <a href="#">Bertona 4</a>		40 open seats	
<b>Restrictions:</b> Junior, Post-Baccalaureate, Senior students only. <b>Cross-listed Courses:</b> UFDN 2000 <b>Attributes:</b> Upper-Division										
Autumn	9378	5	<a href="#">Jan Fekkes III</a>	Tue,Thu Final: Tue	10:30AM-12:50PM 10:30AM-12:30PM	09/26-12/02 12/06-12/06	<a href="#">Otto Miller Hall 109</a> <a href="#">Otto Miller Hall 109</a>		23 open seats	
<b>Restrictions:</b> Junior, Post-Baccalaureate, Senior students only. <b>Cross-listed Courses:</b> UFDN 2000 <b>Attributes:</b> Upper-Division										
Winter	27402	5	<a href="#">Frank Spina</a>	Tue,Thu Final: Thu	6:00PM-8:20PM 6:00PM-8:20PM	01/04-03/12 03/15-03/15	<a href="#">Bertona 3</a> <a href="#">Bertona 3</a>		50 open seats	
<b>Restrictions:</b> Junior, Post-Baccalaureate, Senior students only. <b>Cross-listed Courses:</b> UFDN 2000 <b>Attributes:</b> Upper-Division										

Spring	43979	5	<a href="#">Bo Lim</a>	Mon,Wed,Fri Final: Tue	11:00AM-12:20PM 10:30AM-12:30PM	03/28-06/01 06/05-06/05	<a href="#">Demaray Hall 358</a> <a href="#">Demaray Hall 358</a>	50 open seats	
<b>Restrictions:</b> Junior, Post-Baccalaureate, Senior students only. <b>Cross-listed Courses:</b> UFDN 2000 <b>Attributes:</b> Upper-Division									

### UFDN 3100: Christian Theology

Prerequisite: UFDN 2000 or 3001. 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.

Term	CRN	Credits	Instructor(s)	Days	Time	Dates	Location	Fees	Open	
Summer	60346	5	<a href="#">Daniel Castelo</a>	Mon,Tue,Wed,Thu	1:30PM-4:20PM	07/11-08/05	<a href="#">Otto Miller Hall 118</a>	\$595/cr	11 open seats	
<b>Restrictions:</b> Junior, Post-Baccalaureate, Senior students only. <b>Attributes:</b> Upper-Division										
Autumn	4355	5	<a href="#">Kevin Watson</a>	Mon,Wed,Fri Final: Wed	3:00PM-4:20PM 1:00PM-3:00PM	09/26-12/02 12/07-12/07	<a href="#">Cremona Classrooms 101</a> <a href="#">Cremona Classrooms 101</a>		16 open seats	
<b>Restrictions:</b> Junior, Post-Baccalaureate, Senior students only. <b>Attributes:</b> Upper-Division										
Autumn	4356	5	<a href="#">Daniel Castelo</a>	Mon,Wed,Fri Final: Mon	8:00AM-9:20AM 8:00AM-9:20AM	09/26-12/02 12/05-12/05	<a href="#">Demaray Hall 358</a> <a href="#">Demaray Hall 358</a>		1 waitlisted	
<b>Restrictions:</b> Junior, Post-Baccalaureate, Senior students only. <b>Attributes:</b> Upper-Division										
Autumn	4360	5	<a href="#">Mike Langford</a>	Mon,Wed,Fri Final: Tue	9:30AM-10:50AM 8:00AM-10:00AM	09/26-12/02 12/06-12/06	<a href="#">Bertona 1</a> <a href="#">Bertona 1</a>		23 waitlisted	
<b>Restrictions:</b> Junior, Post-Baccalaureate, Senior students only. <b>Attributes:</b> Upper-Division										
Autumn	9322	5	<a href="#">Brian Bantum</a>	Mon,Wed,Fri Final: Mon	11:00AM-12:20PM 10:30AM-12:30PM	09/26-12/02 12/05-12/05	<a href="#">Demaray Hall 358</a> <a href="#">Demaray Hall 358</a>		3 waitlisted	

<u>Restrictions:</u> Junior, Post-Baccalaureate, Senior students only. <u>Attributes:</u> Upper-Division									
Autumn	9346	5	<a href="#">Kevin Watson</a>	Mon,Wed,Fri Final: Mon	1:30PM-2:50PM 1:00PM-3:00PM	09/26- 12/02 12/05- 12/05	<a href="#">Cremona Classrooms 101</a> <a href="#">Cremona Classrooms 101</a>	12 open seats	
<u>Restrictions:</u> Junior, Post-Baccalaureate, Senior students only. <u>Attributes:</u> Upper-Division									
Winter	23921	5	<a href="#">Daniel Castelo</a>	Mon,Wed,Fri Final: Wed	8:00AM-9:20AM 8:00AM- 10:00AM	01/04- 03/12 03/14- 03/14	<a href="#">Otto Miller Hall 128</a> <a href="#">Otto Miller Hall 128</a>	50 open seats	
<u>Restrictions:</u> Junior, Post-Baccalaureate, Senior students only. <u>Attributes:</u> Upper-Division									
Winter	23922	5	<a href="#">Brian Bantum</a>	Mon,Wed,Fri Final: Thu	9:30AM- 10:50AM 8:00AM- 10:00AM	01/04- 03/12 03/15- 03/15	<a href="#">Otto Miller Hall 128</a> <a href="#">Otto Miller Hall 128</a>	50 open seats	
<u>Restrictions:</u> Junior, Post-Baccalaureate, Senior students only. <u>Attributes:</u> Upper-Division									
Winter	23923	5	<a href="#">Doug Koskela</a>	Mon,Wed,Fri Final: Wed	11:00AM- 12:20PM 10:30AM- 12:30PM	01/04- 03/12 03/14- 03/14	<a href="#">Weter Memorial Hall 202</a> <a href="#">Weter Memorial Hall 202</a>	40 open seats	
<u>Restrictions:</u> Junior, Post-Baccalaureate, Senior students only. <u>Attributes:</u> Upper-Division									
Winter	27312	5	<a href="#">Daniel Castelo</a>	Mon,Wed,Fri Final: Wed	1:30PM-2:50PM 1:00PM-3:00PM	01/04- 03/12 03/14- 03/14	<a href="#">Bertona 6</a> <a href="#">Bertona 6</a>	50 open seats	
<u>Restrictions:</u> Junior, Post-Baccalaureate, Senior students only. <u>Attributes:</u> Upper-Division									
Winter	28096	5	<a href="#">Kevin Watson</a>	Mon,Wed,Fri Final: Fri	3:00PM-4:20PM 1:00PM-3:00PM	01/04- 03/12 03/16- 03/16	<a href="#">Bertona 1</a> <a href="#">Bertona 1</a>	50 open seats	
<u>Restrictions:</u> Junior, Post-Baccalaureate, Senior students only. <u>Attributes:</u> Upper-Division									
Winter	28097	5	<a href="#">Mike Langford</a>	Mon,Wed,Fri Final: Wed	11:00AM- 12:20PM 10:30AM-	01/04- 03/12 03/14-	<a href="#">Cremona Classrooms 102</a> <a href="#">Cremona Classrooms</a>	50 open seats	

					12:30PM	03/14	<a href="#">102</a>		
<u>Restrictions:</u> Junior, Post-Baccalaureate, Senior students only. <u>Attributes:</u> Upper-Division									
Winter	28098	5	<a href="#">Kerry Dearborn</a>	Mon,Wed,Fri Final: Wed	8:00AM-9:20AM 8:00AM-10:00AM	01/04-03/12 03/14-03/14	<a href="#">McKenna Hall 111</a> <a href="#">McKenna Hall 111</a>	40 open seats	
<u>Restrictions:</u> Junior, Post-Baccalaureate, Senior students only. <u>Attributes:</u> Upper-Division									
Spring	43134	5	<a href="#">Daniel Castelo</a>	Mon,Wed,Fri Final: Wed	9:30AM-10:50AM 8:00AM-10:00AM	03/28-06/01 06/06-06/06	<a href="#">Demaray Hall 358</a> <a href="#">Demaray Hall 358</a>	50 open seats	
<u>Restrictions:</u> Junior, Post-Baccalaureate, Senior students only. <u>Attributes:</u> Upper-Division									
Spring	43720	5	<a href="#">Kevin Watson</a>	Mon,Wed,Fri Final: Tue	11:00AM-12:20PM 10:30AM-12:30PM	03/28-06/01 06/05-06/05	<a href="#">Cremona Classrooms 102</a> <a href="#">Cremona Classrooms 102</a>	50 open seats	
<u>Restrictions:</u> Junior, Post-Baccalaureate, Senior students only. <u>Attributes:</u> Upper-Division									
Spring	43890	5	<a href="#">Kevin Watson</a>	Mon,Wed,Fri Final: Tue	8:00AM-9:20AM 8:00AM-10:00AM	03/28-06/01 06/05-06/05	<a href="#">Bertona 6</a> <a href="#">Bertona 6</a>	50 open seats	
<u>Restrictions:</u> Junior, Post-Baccalaureate, Senior students only. <u>Attributes:</u> Upper-Division									
Spring	43891	5	<a href="#">Mike Langford</a>	Mon,Wed,Fri Final: Tue	1:30PM-2:50PM 1:00PM-3:00PM	03/28-06/01 06/05-06/05	<a href="#">Bertona 4</a> <a href="#">Bertona 4</a>	50 open seats	
<u>Restrictions:</u> Junior, Post-Baccalaureate, Senior students only. <u>Attributes:</u> Upper-Division									
Spring	46311	5	<a href="#">TBA Staff</a>	Mon,Wed,Fri Final: Wed	9:30AM-10:50AM 8:00AM-10:00AM	03/28-06/01 06/06-06/06	<a href="#">Otto Miller Hall 128</a> <a href="#">Otto Miller Hall 128</a>	50 open seats	
<u>Restrictions:</u> Junior, Post-Baccalaureate, Senior students only. <u>Attributes:</u> Upper-Division									



## Baccalaureate Degree Requirements

### Baccalaureate Degree Requirements

#### Curriculum for Special Programs

2011-12 Graduation Requirements Checklist [PDF]

2011–12 Graduation Requirements Checklist (University Scholars) [PDF]

2011–12 Graduation Requirements Checklist (Curriculum for Special Programs) [PDF]

### Curriculum for Special Programs

Students in the Professional Studies program, R.N.-B.S. program, and the flex program in electrical engineering follow an alternative curriculum. Students eligible for these programs are specifically identified as such at the time of admission to the University.

Students completing the alternative curriculum must adhere to policies, complete requirements, and fulfill competency areas listed below under Graduation Requirements. This alternative curriculum replaces only the University Core courses and Exploratory Curriculum.

### Graduation Requirements

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

1. A minimum of 180 college-level credits.
2. A cumulative grade point average of at least 2.0 in all courses applicable to the degree.
3. A cumulative grade point average of at least 2.0 in all courses taken at Seattle Pacific University.
4. At least 60 credits earned in courses numbered 3000–4999.
5. At least 45 college-level credits earned in residence as a matriculated student. Credits earned by examination do not satisfy the residence requirement. If only one year is taken at Seattle Pacific University, it must be the senior year.
6. "Pass" grades do not fulfill requirements in the major or minor, in Foundation courses, in courses in the Exploratory Curriculum, in University Seminar, in University Foundations, in University Core, or in General Education.
7. The last 15 credits prior to degree completion must be earned in residence.
8. Achievement of satisfactory scores on the required proficiency test in mathematics and placement test in English, or completion of required remedial coursework.
9. Satisfactory completion of an academic major.
10. Incoming freshmen and sophomores are required to complete 8 credits in writing ("W") courses; incoming juniors are required to complete 5 credits; and incoming seniors are required to complete 3 credits. (See the section on Writing Courses below.)
11. Students are expected to apply to a major by the start of their junior year. Application for major forms are available in the school or division office. Students will be notified by Student Academic Services if they have not been accepted to a major but have completed 120 or more credits at SPU. All degree requirements for a major or minor are determined by the Undergraduate Catalog in effect when the student is accepted to the major or minor. For example, a student accepted to a major in Autumn Quarter 2009 is subject to all major requirements listed in the *2009–10 Undergraduate Catalog*.
12. Policies and procedures for baccalaureate degree completion are as follows:
  - Students must be accepted into a major prior to applying for graduation. Students are responsible for applying for graduation. Applications are available in Student Academic Services and may be accessed through the Banner Information System by selecting Student Menu then Academic Progress Menu. For application deadlines, see the [Graduation](#) section.
  - A transfer student with junior or senior status must apply for acceptance into a major after completing 15 SPU credits or as soon as admission criteria for the major are met.
  - Students may change their application for graduation and should notify their undergraduate academic counselor of the change at least one quarter in advance of the previous intended quarter of graduation.
  - Degrees will not be posted to student academic transcripts nor diplomas ordered until all requirements are completed, including any outstanding I and N grades.
  - The official record of degree completion is the official SPU academic transcript.

### Competency Requirements

There are three areas of competency students following the Curriculum for Special Programs must meet to receive a bachelor's degree from Seattle Pacific University. These competencies may be fulfilled in a variety of ways.

All undergraduate students at Seattle Pacific must demonstrate math and English competency early in their career at SPU and as a condition of graduation. To determine competency and assign any necessary remedial coursework, a math proficiency test is administered to incoming students.

- Math exams are to be taken during the first quarter of study at the University. They are administered at various times throughout the year.
- The English Placement Test is taken in the University Seminar (USEM 1000), during the first quarter of the student's freshman year.

Transfer students who are required to take the test may do so by scheduling an appointment with the [English Department](#).

Students will not be permitted to register for their second quarter until these tests have been taken or the student registers for all necessary remedial coursework. Math and English competencies must be completed within the first four quarters of attendance at SPU.

Foreign language competency and writing requirements must be met before a degree is awarded. Unless stipulated by their major, post-baccalaureate students are not required to take the proficiency or placement tests.

### **Math Skills Competency**

Competency in basic mathematics is essential in our technologically oriented society. Students may demonstrate competency in basic mathematics in one of the following ways:

1. By scoring 500 or more on the math portion of the SAT-I exam, if taken prior to April 1995.
2. By scoring 580 or more on the math portion of the SAT-I exam, if taken April 1995 or later.
3. By scoring 25 or more on the math portion of the ACT test.
4. By transferring (at entry to SPU) a college-level course, or its equivalent, that fulfills the Mathematics requirement in SPU's Exploratory Curriculum.
5. By passing the University's Mathematics Proficiency Examination.
6. By completing all 5 credits of work in MAT 0121–MAT 0125 at the required level of proficiency during the first year of enrollment. If after taking the University's Mathematics Proficiency Examination 5 credits are required, a student may take MAT 0131 (2 credits) and MAT 0132 (3 credits) to meet this competency.
7. Students holding an acceptable Direct Transfer Agreement A.A. degree from an approved community college have fulfilled this requirement. See Admissions section under [Transfer Students](#) for approved degrees.

The mathematics proficiency test covers pre-high school mathematics and emphasizes problem solving. An analysis of errors is done and areas of weakness are determined. Any student whose score on this test falls below accepted college entrance level norms will be required to strengthen these areas of weakness through work in arithmetic review courses during the first year of registration.

Before students are permitted to take any mathematics courses (other than arithmetic review) or any courses using mathematics, they must either pass the Mathematics Proficiency Exam or complete the required work in MAT 0121–MAT 0125, or in MAT 0131 (2 credits) and MAT 0132 (3 credits).

Arithmetic review courses are not considered college-level courses. Credits earned in MAT 0121–MAT 0125 or in MAT 0131 and MAT 0132 do not count toward the 180 minimum credits required for graduation. All required coursework in arithmetic review must be completed by the end of a student's fourth quarter at SPU.

### **Writing Skills Competency**

During their first quarter, students who have not already taken and passed, with a grade of C or better, a college-level writing (composition) course on a college or university campus are required to take the English Placement Test, which samples their writing. (AP, CLEP, and IB credit in English composition do not substitute in this context for a college-level writing course. Nor does any composition course taken as part of Running Start or other "college in the high schools" program.)

- Students whose score on this test indicates they do not yet write on the college level will be required during their first year of registration to enroll in a designated section of Intermediate College Writing (ENG 2201) and simultaneously ENG 0102, a writing tutorial attached to this section of ENG 2201. Taken in tandem, these courses are intended to raise students' writing ability to the college level. (Credits earned in ENG 0102 do not count toward the 180 minimum credits required for graduation.)
- Students whose scores indicate that they can write minimally at the college level but need the intermediate course in writing (ENG 2201) in order to succeed in college will be required to take that course.

All required coursework in writing must be completed by the end of a student's fifth quarter at SPU.

### Writing ("W") Courses

Courses designated as writing courses (3000- and 4000-level) offer a substantial component of writing designed to reinforce students' earlier work in writing. At the same time, they provide instruction in the technical and stylistic requirements of writing appropriate to a particular discipline.

In these courses, students are expected to write at least two papers and a minimum of 3,000 words or about 12 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 normally provide opportunities for revision as well.

### University Foundations

15 credits

UFDN 1000 [Christian Formation](#) (5)

UFDN 2000 [Christian Scriptures](#) (5)

UFDN 3001 [Christian Scriptures](#) (5)

UFDN 3100 [Christian Theology](#) (5)

*Note: Students who enter SPU with junior or senior standing (90 transferable credits or more) are required to take only UFDN 3001 and UFDN 3100.*

### General Education Requirements

53 credits

#### Composition (CMP)

3

Choose from among the following courses:

ENG 2201 [Intermediate College Writing](#) (3)

ENG 2215 [Imaginative Writing](#) (3)

ENG 3205 [Writing in the Professions](#) (3)

ENG 3301 [Advanced Expository Writing](#) (3)

ENG 3318 [Creative Nonfiction](#) (3)

#### Social Sciences (SS)

15 credits

Choose from among the following courses:

ANT 1110 [General Anthropology](#) (5)

ANT 2250 [Cultural Anthropology](#) (5)

PSY 1180 [Gen Psych:Individual in Growth](#) (5)

SBS 4915 [Public Policy Seminar](#) (6-12)

SOC 1110 [Introduction to Sociology](#) (5)

SOC 2310 [Foundations of Social Services](#) (5)

BUS 1600 [Intro to Business Practice](#) (5)

ECN 2101 [Principles of Microeconomics](#) (5)

ECN 2102 [Principles of Macroeconomics](#) (5)

ECN 2207 [Economic Geography](#) (5)

GEO 1110 [World Regional Geography](#) (5)

GEO 2000 [Intro to Global Development](#) (5)

GEO 2207 [Economic Geography](#) (5)

GEO 3677 [The Nature of Cities](#) (5)

HIS 1200 [Ancient & Medieval Worlds](#) (5)

HIS 2491 [Origins of Western Science](#) (5)

HIS 2492 [Foundations of Modern Science](#) (5)

HIS 2502 [The United States to 1876](#) (5)

HIS 2503 [The United States Since 1876](#) (5)

HIS 3345 [Modern Russia](#) (5)

HIS 3440 [Internatnl Peace & World Order](#) (5)

HIS 3501 [Col & Rev Am:Found of Am Civ](#) (5)

HIS 3670 [Hist of Amer Foreign Relations](#) (5)

HIS 3710 [Comparative Non-Western Histry](#) (5)

HIS 3720 [Rise of Islamic Civilization](#) (5)

HIS 3730 [Modern Middle East](#) (5)

HIS 3765 [Traditional East Asia](#) (5)

HIS 3785 [Modern East Asia](#) (5)

POL 1110 [Introduction to Politics](#) (5)

POL 1120 [American Government & Politics](#) (5)

- POL 2330 [International Relations](#) (5)
- POL 2641 [Christianity & Amer. Politics](#) (5)
- POL 3345 [Russia, The Caucasus & Cntrl Asia](#) (5)
- POL 3440 [War, Peace & World Order](#) (5)
- POL 3670 [Hist of Amer Foreign Relations](#) (5)
- SBS 3130 [Uganda: African Histry & Cultr](#) (3-6)
- SBS 3230 [CCCU: Contmp India Cultur & Soc](#) (3-6)
- SBS 4902 [China Studies: Hist, Culture, Geo](#) (3-5)
- SBS 4912 [Mid East Sem: Peopl & Cultures](#) (6)
- SBS 4914 [Mid East Sem: Conflict & Change](#) (6)
- SBS 4918 [LASP: Seminar I](#) (4-5)

## Natural Sciences (NS)

15 credits

### A. Biological Science

5

Choose from among the following courses:

- BIO 1100 [Biological Science](#) (5)
- BIO 2101 [General Biology](#) (5)
- BIO 2102 [General Biology](#) (5)
- BIO 2103 [General Biology](#) (5)
- BIO 2129 [Human Anatomy & Physiology](#) (5)
- BIO 2130 [Human Anatomy & Physiology](#) (5)
- BIO 2569 [Introduction to Biology I](#) (3)
- BIO 2570 [Introduction to Biology II](#) (3)
- BIO 4917 [LASP: Science Seminar](#) (6)

### B. Physical Sciences

5

Choose from among the following courses:

- CHM 1100 [Introduction to Chemistry](#) (5)
- CHM 1110 [Intro to the Nature of Science](#) (5)
- CHM 1211 [General Chemistry I](#) (5)
- CHM 1330 [Organic & Biological Chemistry](#) (5)
- CSC 1010 [Science and Technology](#) (5)
- PHY 1101 [General Physics](#) (5)
- PHY 1102 [General Physics](#) (5)
- PHY 1103 [General Physics](#) (5)
- PHY 1110 [Intro to the Nature of Science](#) (5)
- PHY 1121 [Physics for Sci & Engineering](#) (5)
- PHY 1122 [Physics for Sci & Engineering](#) (5)
- PHY 1123 [Physics for Sci & Engineering](#) (5)
- PHY 1135 [Astronomy: Individual & Univers](#) (5)
- PHY 1140 [Physics of Sound](#) (5)
- PHY 1142 [Earth System Science](#) (5)
- PHY 1145 [Oceanography](#) (5)
- PHY 1150 [Introduction to Geology](#) (5)
- PHY 2567 [Devlp Concppts Physcl Science I](#) (3)
- PHY 2568 [Devlp Concpct Physcl Science II](#) (3)

### C. Mathematics

5 credits

Choose from among the following courses:

- CSC 1521 [Contemporary Math w/Computing](#) (5)
- EDU 2600 [Statistics Unleashed](#) (5)
- HSC 4044 [Biomed Tests, Measrmts & Stats](#) (5)
- MAT 1221 [Survey of Calculus](#) (5)
- MAT 1234 [Calculus I](#) (5)
- MAT 1235 [Calculus II](#) (5)
- MAT 1360 [Introduction to Statistics](#) (5)
- MAT 1521 [Intro: Contemporary Mathematics](#) (5)
- MAT 2561 [Statistical & Algebraic Reasng](#) (4)
- MAT 2700 [Statistics for Business & Econ](#) (5)
- PSY 2360 [Intro to Stats Soc & Behav Sci](#) (5)
- SOC 2360 [Intro to Stats Soc & Behav Sci](#) (5)

## Arts and Humanities (AH)

20 credits

**A. Arts**

Choose from among the following courses:

- ART 1102 [Drawing Studio:Observtn&Realism](#) (5)
- ART 1103 [Drawing Studio:Concept&Compstn](#) (5)
- ART 1104 [Drawing Studio:Perspective](#) (5)
- ART 1180 [The Visual Arts](#) (5)
- ART 2302 [Painting Studio:Still Life-Oil](#) (5)
- ART 2421 [Printmaking Studio](#) (3)
- ART 2422 [Metals Studio](#) (3)
- ART 2602 [West Trad I: Ancient&Medvl Art](#) (5)
- ART 2603 [West Trad II: Art since Renssnc](#) (5)
- ART 3605 [Topics in Modern Art](#) (5)
- ART 3606 [Cross-Cultural Encounters](#) (5)
- ART 3608 [Issues in Contemporary Art](#) (5)
- ART 3612 [Urban Spaces of Rome](#) (5)
- ART 3613 [Roman Church Architecture](#) (5)
- CHN 1110 [Introductn Chinese Calligraphy](#) (1)
- CHN 3100 [Chinese Arts and Culture](#) (2-3)
- COM 3780 [Introduction to Film](#) (5)
- EUR 3100 [Foundations of European Art](#) (3)
- FCS 1710 [Global Impacts of Design](#) (5)
- FCS 2870 [Seeing History Through Clothes](#) (5)
- FCS 3870 [History of Costume](#) (5)
- FPA 3160 [CCCU: Indian Arts & Painting](#) (3-6)
- FPA 3170 [CCCU: India Design](#) (3-6)
- INB 2000 [Chinese Music](#) (1-2)
- MUS 1250 [Begin Keyboard Cls\(Non-Majors\)](#) (2)
- MUS 1251 [Intrmed Keybrd Cls\(Non-Majors\)](#) (2)
- MUS 1255 [Intrmd Keybr Profic\(Music Maj\)](#) (2)
- MUS 1260 [Beginning Voice Class](#) (2)
- MUS 1270 [Beginning Folk Guitar](#) (1)
- MUS 1271 [Intermediate Folk Guitar](#) (1)
- MUS 1600 [Exploring & Understanding Mus](#) (5)
- MUS 2305 [Women's Choir](#) (2)
- MUS 2306 [Brass Ensemble](#) (1)
- MUS 2307 [Percussion Ensemble](#) (1-2)
- MUS 2308 [Woodwind Ensmble \(Flute\)](#) (1)
- MUS 2309 [String Ensemble](#) (1)
- MUS 2311 [Jazz Ensemble](#) (2)
- MUS 2312 [Men's Choir](#) (2)
- MUS 2313 [Vocal Jazz Ensemble](#) (2)
- MUS 2340 [Chamber Ensemble](#) (1)
- MUS 2350 [Concert Choir](#) (2)
- MUS 2351 [Symphonic Wind Ensemble](#) (2)
- MUS 2353 [Symphony Orchestra](#) (2)
- MUS 2402 [History & Appreciation of Jazz](#) (5)
- MUS 2560 [Introduction to Music Therapy](#) (3)
- MUS 2604 [Soundscape](#) (5)
- MUS 2605 [Survey of Popular Music](#) (5)
- MUS 2654 [World Music](#) (3)
- MUS 2655 [World Music Lab](#) (2)
- MUS 3401 [Music & Worship](#) (2)
- MUS 3602 [Magic of Opera](#) (5)
- MUS 4305 [Women's Choir](#) (2)
- MUS 4306 [Brass Ensemble](#) (1)
- MUS 4307 [Percussion Ensemble](#) (1-2)
- MUS 4308 [Woodwind Ensmble \(Flute\)](#) (1)
- MUS 4309 [String Ensemble](#) (1)
- MUS 4311 [Jazz Ensemble](#) (2)
- MUS 4312 [Men's Choir](#) (2)
- MUS 4313 [Vocal Jazz Ensemble](#) (2)
- MUS 4340 [Chamber Ensemble](#) (1)
- MUS 4350 [Concert Choir](#) (2)
- MUS 4351 [Symphonic Wind Ensemble](#) (2)
- MUS 4353 [Symphony Orchestra](#) (2)

- MUS 4401 [The Song of the Church](#) (3)  
 MUS 4402 [History & Appreciation of Jazz](#) (5)  
 TRE 1110 [The Theatre Experience](#) (5)  
 TRE 1310 [The Actor's Art](#) (5)  
 TRE 1340 [Acting I: Fundamentals](#) (5)  
 TRE 1930 [Performance Practicum](#) (2)  
 TRE 1931 [Production Practicum](#) (2)  
 TRE 2420 [Theatre & Drama:Tragedy](#) (5)  
 TRE 2421 [Theatre & Drama:Comedy](#) (5)  
 TRE 3780 [The Art of Film](#) (5)  
 TRE 3930 [Performance Practicum](#) (2)  
 TRE 3931 [Production Practicum](#) (2)

## B. Humanities

10

Choose courses from among the following:

- CHN 3140 [Contmpry Chinese Cultr&Society](#) (4-6)  
 CLA 3100 [Ancient Civilization](#) (5)  
 CLA 3104 [Survey Ancient Greek Lit](#) (5)  
 CLA 3170 [Classical Civilization](#) (5)  
 CLA 3204 [Survey of Classical Latin Lit](#) (5)  
 COM 1101 [Intro to Interpersonal Commun](#) (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 [New International Fiction](#) (5)  
 ENG 3334 [American Ethnic Literature](#) (5)  
 ENG 3382 [South African Lit & Theater](#) (5)  
 EUR 1110 [Heritage of Europe](#) (5)  
 EUR 3287 [Mythology in Literature](#) (5)  
 EUR 3500 [European Civilization](#) (5)  
 FRE 2101 [Niveau Intermediaire](#) (5)  
 FRE 2102 [Niveau Intermediaire](#) (5)  
 FRE 2103 [Niveau Intermediaire](#) (5)  
 FRE 3105 [Composition Conversation](#) (5)  
 FRE 3205 [Topics: Francophone Literature](#) (5)  
 GER 2101 [Intermediate German I](#) (5)  
 GER 2102 [Intermediate German II](#) (5)  
 GER 2103 [Intermediate German III](#) (5)  
 GER 3206 [Topics in German Lang & Lit](#) (3-5)  
 GRK 4920 [Indpdnt Readngs Classical Grk](#) (1-5)  
 HIS 3100 [Ancient Civilization](#) (5)  
 HIS 3170 [Classical Civilization](#) (5)  
 HUM 3111 [Uganda: Literature](#) (3-6)  
 HUM 3300 [CCCU: India Literature](#) (3-6)  
 INB 3030 [History & Culture of China](#) (4)  
 LAT 4920 [Indpdnt Readngs Classical Lat](#) (1-5)  
 LIN 2100 [Foundations of Language Study](#) (5)  
 PHI 1001 [Power of Logic](#) (5)  
 PHI 1002 [History of Ethics](#) (5)  
 PHI 1004 [Survey of Western Philosophy](#) (5)  
 PHI 2500 [Philosophy of Science](#) (3)  
 PHI 2999 [Aesthetics](#) (3)  
 RUS 2207 [Modern Russian Culture thr Lit](#) (5)  
 RUS 3100 [Intermediate Russian I](#) (5)  
 RUS 3200 [Intermediate Russian II](#) (5)  
 RUS 3300 [Intermediate Russian III](#) (5)  
 SBS 4913 [Mid East Sem:Islam Modern Wrld](#) (6)  
 SPN 2101 [Intermediate Spanish I](#) (5)  
 SPN 2102 [Intermediate Spanish II](#) (5)  
 SPN 2103 [Intermediate Spanish III](#) (5)  
 SPN 4401 [Topics in Spanish Literature](#) (3,5)  
 SPN 4501 [Topics in Latin American Lit](#) (3,5)

## The Major Curriculum

### Specific Standards Governing Completion of a Major

1. A major requires a minimum of 45 credits, although most programs require more. A minimum of 23 credits is required in courses numbered 3000–4999, although some programs require more. No more than 75 credits may be required or controlled by a school in designating requirements for a major without review and approval of the Undergraduate Policies and Evaluation Committee.
2. A student must complete a major to earn either a bachelor of arts or bachelor of science degree. **Note:** Students in the Professional Studies Program have completed a major (called "Professional Studies") prior to entrance at SPU. These students must complete a minor rather than a major.
3. At least 15 of the required upper-division credits in a major must be earned at Seattle Pacific University.
4. Major requirements must be met in full. These requirements of proficiency in depth and breadth are specified in the sections of the Undergraduate Catalog assigned to the various schools or departments of the University. These requirements state total credits, upper-division credits, prescribed courses, and supporting courses.
5. Coursework with a P or a grade below C- (1.7) may not be applied to a major.
6. The student must apply for a major and be accepted by the school or department in which he or she plans to complete a major. The acceptance date determines the *Undergraduate Catalog* under which major requirements will be applied.
7. The school or department in which a student completes a major must certify to Student Academic Services that he or she has satisfactorily met the evaluative and proficiency standards for such a major.
8. A student may simultaneously complete a double major. Both majors may be in a B.A. category, or two majors in a B.S. category, or one in a B.A. category and one in a B.S. category. All requirements for each major must be completed prior to the granting of the bachelor's degree.

### Specific Standards Governing Completion of a Minor

1. Students are not obligated to complete a minor area of study in order to receive the B.A. or B.S. degree. However, a student must be working toward a major in order to earn a minor. **Note:** Students in the Professional Studies program are required to complete a minor, rather than a major, at SPU.
2. Acceptance into a minor is determined by the academic school or department. A minimum GPA is noted in the Academic Program section. 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.
3. A minor requires a minimum of 30 credits but may not require more than 45 credits. A minimum of 15 credits is required in courses numbered 3000–4999. Requirements for specific minors may be found in the school or department sections of this Undergraduate Catalog.
4. Coursework with a P or a grade below C- (1.7) will not be applied to a minor.
5. Students must earn a minimum of 15 credits toward their minor at SPU, including 10 upper-division credits.
6. In all cases it is necessary to apply for, and be accepted into, the minor field. The date of formal acceptance into a minor program determines the Undergraduate Catalog under which minor requirements will be applied.
7. The school or department in which a student completes a minor must certify to Student Academic Services that he or she has satisfactorily met all requirements for the minor.
8. If a student is pursuing a minor, all requirements for the minor must be completed prior to the awarding of the bachelor's degree.

### Limitations on Credit Applicable Toward a Degree

1. Seattle Pacific University may accept up to 90 credits combined total from community colleges, junior colleges, unaccredited colleges or institutes, and AP/CLEP/IB exams toward a baccalaureate degree. See limits under Credit by Exam.
2. A student may earn up to 10 credits toward a baccalaureate degree in skills courses approved by the Undergraduate Policies and Evaluation Committee.
3. Students 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.
4. Credits in excess of 45 taken as a non-matriculated student will not apply toward an undergraduate degree.
5. Credits in excess of 15 credits taken as a non-matriculated student may not be applied to a post-baccalaureate degree.

### Standards Governing Completion of a Second Bachelor's Degree

A second bachelor's degree may be earned upon completion of a minimum of 45 credits as a matriculated student at Seattle Pacific University subsequent to the granting of the first degree. The student must be accepted into a major; 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 the first degree was earned at SPU:

1. At least 15 of the 45 credits for the second degree must be taken at SPU.
2. At least 15 upper-division credits in the major must be earned at SPU.
3. No more than 15 credits taken as a non-matriculated student may apply toward the additional bachelor's degree.
4. Of the 45 credits required for the second degree, up to 15 credits may be earned 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, a student may be required to complete fewer than 45 credits for the second degree, but no fewer than 30 credits.
5. All specified requirements for the second degree must be fulfilled, including all requirements in the major.

If the first degree was earned at another institution:

1. A student who at some prior point matriculated at SPU must have at least 30 of the required 45 credits earned at SPU.
2. No more than 15 credits taken as a non-matriculated student may apply toward the additional bachelor's degree.
3. A student who has not previously matriculated at SPU must earn at least 45 credits toward the second degree at SPU.
4. At least 15 upper-division credits in the major must be earned at SPU.
5. 5 credits in Christian Scriptures or Christian Theology must be completed at SPU.
6. All specified requirements for the second degree must be fulfilled, including all requirements in the major.

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 item 8](#) listed under Specific Standards Governing the Completion of a Major.



## Academic Program

### [The Academic Program](#)

### [Academic Structure](#)

### [The Common Curriculum](#)

### [University Scholars](#)

### [Special Programs](#)

### [Special Studies](#)

### [Study Abroad](#)

### [Study Programs](#)

### [Visit/Transfer Program](#)

### [How to Read Catalog Course Information](#)

## THE ACADEMIC PROGRAM

### Scholarship Informed by Faith

The clear Christian commitment of Seattle Pacific University has remained the same for more than a century. 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 to students? It means that they are taught by professors who approach their discipline from a Christian perspective. But students are not told what to believe. Instead, through the educational process of inquiry, discussion, and experience, they are encouraged to develop a mature, personal faith.

Students are challenged at Seattle Pacific. But the University seeks to create an environment that balances freedom and support as they 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.

## Academic Structure

### College of Arts and Sciences

#### Division of Fine Arts

Art

Music

Theatre

#### Division of Humanities

Communication and Journalism

English

Foreign Languages and Literatures

Philosophy

#### Division of Science and Engineering

Biology

Chemistry

Computer Science

Engineering

Mathematics

Physics

Pre-Professional Programs

#### Division of Social and Behavioral Sciences

Family and Consumer Sciences

History

Physical Education and Exercise Science

Political Science

Sociology

#### Interdisciplinary

General Studies Major

Interdisciplinary Courses

Professional Studies Major

Student-Designed Majors

### **School of Business and Economics**

- Accounting
- Business Administration
- Economics
- Professional Development

### **School of Education**

- Elementary Certification
- Secondary Certification
- Special Education
- SPIRAL-Education Professional Development

### **School of Health Sciences**

- Nursing

### **School of Psychology, Family, and Community**

- Psychology

### **School of Theology**

- Christian Theology
- Educational Ministries

### **Special Programs**

- Summer School
- Distance Learning

## **Graduate Studies**

Graduate studies at Seattle Pacific University emphasize three principal aims: scholarship, research, and professional competence. Responsibility for graduate studies is vested in the Graduate Policy and Evaluation Committee by the Faculty Senate.

### **Degrees Offered**

#### **Master of Arts**

- Organizational Psychology (M.A.)
- Teaching (M.A.)
- Teaching English to Speakers of Other Languages (TESOL)
- Theology (M.A.)

#### **Master of Business Administration (M.B.A.)**

#### **Master of Divinity**

#### **Master of Education (M.Ed.)**

- Curriculum and Instruction
- Education Leadership
- School Counseling

#### **Master of Fine Arts (M.F.A.)**

- Creative Writing

#### **Master of Science in Nursing (M.S.N.)**

- Leadership in Advanced Nursing

#### **Master of Science (M.S.)**

- Marriage and Family Therapy
- Information Systems Management

#### **Doctor of Education (Ed.D.)**

#### **Doctor of Philosophy in Clinical Family Psychology (Ph.D.)**

#### **Doctor of Philosophy in Counselor Education (Ph.D.)**

#### **Doctor of Philosophy in Organizational Psychology (Ph.D.)**

### **Other Programs**

- Advanced R.N. Practitioner (School of Health Sciences)
- Principal Certification (School of Education)
- Nurse Practitioner Pathways (School of Health Sciences)
- Alternative Certification (School of Education)
- Superintendent Certification (School of Education)

For further information on graduate programs, visit the [Graduate Center website](#).

## Academic Program

[The Academic Program](#)

[Academic Structure](#)

**The Common Curriculum**

**University Scholars**

**Special Programs**

**Special Studies**

[Study Abroad](#)

[Study Programs](#)

[Visit/Transfer Program](#)

[How to Read Catalog Course Information](#)

### THE COMMON CURRICULUM

**Cynthia Price**, Associate Vice President for Curriculum and Assessment

The **Common Curriculum**, which includes eight required courses spread over four years, is at the heart of a liberal arts education at Seattle Pacific University.

- SPU students begin the Common Curriculum in the first quarter of their freshman year with University Seminar, an intensive exploration of a special interdisciplinary topic.
- The maximum of 20 students enrolled in each course form a “cohort” and attend other freshman classes in the Common Curriculum together.
- Their University Seminar professor serves as their academic advisor.

In their freshman, sophomore, and junior years at Seattle Pacific, students participate in two parallel sequences of required courses. As students move through the three University Core courses, they address key questions that pervade human life: “Who am I?” “From where have I come?” and “How do I know and act?”

As they confront these perennial human questions through the study of human culture, history, and thought, students are challenged to understand themselves, their heritage and traditions, and the world from the perspective of the Christian faith.

The three **University Foundations** courses are centered in the foundations of faith:

- Christian formation, which explores the lived experience of faith.
- Christian Scriptures, which provides a way of conceptualizing, reading, and practicing the truth of Scripture as the authority for Christian formation.
- Christian theology, which reflects upon the relationship between God and humankind as expressed in the Scriptures and experienced in a life of faith.

Each course in the University Core and University Foundations sequences includes common texts and objectives in order to ensure common learning.

All members of the community are encouraged to join in the common conversations around these works through Chapel programs, lectures, concerts, and other community events. Through shared experiences in a committed community of learners, the liberal arts at Seattle Pacific University has as its aim the formation of Christian character, which is evident in qualities of heart, mind, and action. [\[Back to top\]](#)

**UCOR 1000 The Arts and the Christian Community (5)** This course considers the question “Who am I and for what have I been created?” Through examining literary and artistic works that have shaped cultures past and present, it explores how we are created to be unique persons and to be in community with others. Key themes are artistic ways of knowing individualism, conformity, and faith as a formative virtue. Attribute: University Core. Class open to freshmen.

**UCOR 2000 The West and the World (5)** Considers the question “From where have we come and where are we going?” Explores the history of interaction between the West and the world from the dawn of the modern global age (about 1500) to the present. How has Western civilization been influenced by and influenced other cultures? Key themes are ideas, inventions, and systems of interaction. The virtue of hope motivates service as the Christian response to a constantly changing world. Attribute: University Core. Class not open to freshmen.

**UCOR 3000 Belief, Morality, and Modern Mind (5)** Prerequisite: UFDN 2000. This course considers the question “How do I know what is true and how should I act on that knowledge?” It explores questions about Christian faith and practice that arise from modern developments in philosophy and science. Key themes are authority, reason, personal meaning, ethics, and love as the Christian response to God’s creation and humankind. Attributes: University Core; and Upper-Division. Class open to juniors and seniors.

**UFDN 1000 Christian Formation (5)** This course introduces the processes and practices of Christian formation, as reflected throughout the history of the Christian church. Christian life is formed by distinctive beliefs, practices, attitudes, and virtues. Every student, regardless of religious background, will engage texts, written and non-written, ancient and modern, that foster these characteristics of the Christian life. Attribute: Foundation. Class open to freshmen and sophomores. [[Back to top](#)]

**UFDN 2000 Christian Scriptures (5)** Prerequisite: 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. Course cannot be taken for upper-division credit. May be repeated for credit 0 times. Course equivalent: UFDN 3001. Attribute: Foundation. Class not open to freshmen.

**UFDN 3001 Christian Scriptures (5)** This course is only open to transfer students who begin their studies at SPU as juniors or seniors. 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. May be repeated for credit 0 times. Course equivalent: UFDN 2000. Attributes: Foundation; and Upper-Division. Class open to juniors and seniors.

**UFDN 3100 Christian Theology (5)** Prerequisites: UFDN 1000 and UFDN 2000 or 3001. This course studies the basic doctrines and practices of historic Christianity, such as the being, attributes, and workings of the Triune God; the nature, fallness, 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. Attributes: Foundation; and Upper-Division. Class not open to freshmen. [[Back to top](#)]

**USEM 1000 University Seminar (5)** This seminar introduces firstyear college students to the liberal arts at a Christian university through the investigation of a special topic. Students will write, speak, and practice critical thinking; participate in group projects; and use electronic and print learning resources. As an introduction to university life, the seminar helps students explore the meaning of Christian vocation and develop a love of learning. Seminar instructors will serve as faculty advisor to students in their seminar through the freshman year. Descriptions of particular seminars are available in the yearly class schedule. Attribute: University Seminar. Class open to freshmen.

**USEM 3000 University Seminar (5)** Registration approval: Instructor. This seminar introduces professional studies program students to the liberal arts at a Christian university through the investigation of a special topic. Students will write, speak, and practice critical thinking, participate in group projects, and use electronic and print learning resources. As an introduction to university life, the seminar helps students explore the meaning of Christian vocation and develop a love of learning.

**USEM 4930 Practicum: Mentoring Freshmen (1–5)** Registration approval: Instructor. Serve as a mentor to freshmen in a University Seminar class under the direction of faculty. May be repeated for credit two times. Attribute: Upper-Division. Class not open to freshmen and sophomores.

## **UNIVERSITY SCHOLARS**

(The Honors Program)

**Luke Reinsma**, Director

The [University Scholars](#) program at Seattle Pacific University replaces — with the exception of the University Foundations courses and the [mathematics requirement](#) — the Common Curriculum and the Exploratory Curriculum for selected students who are highly motivated to pursue an intense academic program studying great works of art, literature, philosophy, social science, and natural science in their historical contexts.

University Scholars courses are rigorously interdisciplinary and offer intensive peer discussion. The program’s goal is to create a community of self-motivated scholars engaged in thoughtful cross-disciplinary conversation, writing, and action on issues facing the church and the world.

Admission is based on test scores and high school GPAs; a limited number of high school seniors are invited to apply to the program. Students who are highly motivated to participate in the program, but who do not receive an initial invitation at admission, should [contact the director](#) to apply directly for entry. A few students may be admitted into the program during their first year of study. [\[Back to top\]](#)

### Requirements for [University Scholars Program](#)

University Scholars must meet the same competency requirements in math, writing, and foreign language required of all undergraduates. Also, like all students, University Scholars must complete a major and have 180 credits to graduate, including 60 credits in courses numbered 3000 or above, 8 credits of which must be “W” credits.

In addition, University Scholars must complete PHY 1111, University Scholars Physics, or an approved science substitution, and they must complete a 5-credit mathematics courses selected from the list of mathematics courses approved for the Exploratory Curriculum. University Scholars are required to take a special sequence of USCH courses (listed below) that — with the exception of three University Foundations courses and the mathematics requirement — satisfies the requirements of the Common Curriculum and Exploratory Curriculum.

### University Scholars

51 credits including one lab science course and an approved 5-credit math course

<a href="#">USCH 1000 University Scholars Seminar</a>	5
<a href="#">USCH 1111 Texts and Contexts I</a>	5
<a href="#">USCH 1112 Texts and Contexts II</a>	5
<a href="#">USCH 1113 Texts and Contexts III</a>	5
<a href="#">USCH 1114 Texts and Contexts IV</a>	5
<a href="#">PHY 1111 University Scholars Physics</a>	5
<a href="#">USCH 3910 Faith and Science I</a>	5
<a href="#">USCH 4910 Faith and Science II</a>	5
<a href="#">USCH 4950 Christianity and Scholarship</a>	2
<a href="#">USCH 4960 Honors Project I</a>	0-2
<a href="#">USCH 4965 Honors Project II</a>	2-4
<a href="#">Mathematics</a> ( 5 credits selected from courses approved to fulfill mathematics in the Exploratory Curriculum)	5

### University Foundations

15 credits

<a href="#">UFDN 1000 Honors Christian Formation</a>	5
<a href="#">UFDN 2000 Christian Scriptures</a>	5
<a href="#">UFDN 3100 Christian Theology</a>	5
<b>Total</b>	<b>66</b>

Special features and conditions of the program:

1. Prior to enrolling in USCH 3910 Faith and Science I, University Scholars must take at least one quarter of physics (PHY 1111 or 1121); or they may take any other lab science course, such as BIO 1100 at the [Blakely Island Field Station](#). Although credit received for AP, IB, or CLEP scores will not fulfill this requirement, University
2. University Scholars must complete a 5-credit mathematics course, to be chosen from the list of courses approved for the Exploratory Curriculum.
3. University Scholars will take a special honors section of UFDN 1000 during their sophomore year. They will then enroll in any section of UFDN 2000 and 3100 that best fits their schedule.
4. The Honors Project involves 4 credits of individual scholarly work in a subject related to a student’s major, undertaken with the assistance of a faculty mentor and completed during the senior year. Projects or papers that fulfill this requirement must meet disciplinary standards, discuss the relationship of faith and learning, be approved by the director of University Scholars, and be completed prior to graduation. Honors Projects are given special recognition at Commencement. A maximum of 4 credits is allowed in Honors Project I and/or II.
5. University Scholars are required to maintain a minimum of a GPA of 3.2 or better to remain in the program.
6. Students wishing to leave the program must submit a letter of resignation to the director. They will immediately become subject to the Common Curriculum and Exploratory Curriculum requirements. They will not lose credit previously earned by successful completion of examinations, such as CLEP or Running Start. University Scholars courses taken in the first and second year transfer into either the Common Curriculum or the Exploratory Curriculum at Seattle Pacific.
7. Special service to the SPU community should be a high priority for University Scholars. Each year, the graduating senior who best exemplifies the high ideals of the USCH program is honored with the Wesley E. Lingren Award in honor of the founding director. [\[Back to top\]](#)

## SPECIAL PROGRAMS

### **Internships, ROTC, Senior Citizen Program, Special Studies, Study Abroad, Study Programs, Visit/Transfer Programs, Washington Academy of Languages**

#### **Internship Program**

Internships seek to integrate academic studies with practical work experience. Designed to be an integral part of students' academic program, the Internship program allows students to earn credits for learning gained in a work setting. Internships may be paid or unpaid.

Careful supervision of students' progress toward learning objectives is a key component of an internship, and a successful experience is built on a partnership between the student, faculty sponsor, and employer.

- Students participate in internships for **career exploration**, as well as to **gain essential professional experience**.
- Internship experiences facilitate students' **growth in skills** such as communication, problem solving, and analysis.
- Internships also give students growth in **skills specific to professional disciplines**.
- **Minimum requirements** for participating in the Internship program include matriculation at the University and completion of one quarter of coursework.

It is the quality of the placement and supervision and the emphasis on students' 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 many other types of organizations.

Postings of internship opportunities and information about how students can be involved are available in the [Career Development Center](#).

Interested students should address inquiries to the Center for Career and Calling, located in the [Student Union Building](#), Second Floor. They can send mail to the Career Development Center, Seattle Pacific University, 3307 Third Avenue W., Suite 216, Seattle, WA 98119-1950; or call 206-281-2485. [\[Back to top\]](#)

#### **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: Aerospace Studies.** 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 #220.

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.

**AFROTC: 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 male or female 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 Unit Admissions Officer, AFROTC Det 910, University of Washington, Box 353830, Seattle, WA 98195-3530. You can also visit the [UW AFROTC](#), or email [afrotc@u.washington.edu](mailto:afrotc@u.washington.edu).

**AFROTC: Commissioning Requirements.** Students who successfully complete the AFROTC program and receive an academic degree from the University are offered commissions as second lieutenants in the U.S. Air Force. They will serve at least four years in the military.

**AFROTC: General Military Course.** The basic courses consist of one classroom hour, 1.5 hours of physical training and 1.5 hours of leadership laboratory per week during the freshman and sophomore years.

- Uniforms and textbooks are provided.
- Students may enter at the start of Autumn, Winter or Spring Quarter.
- A four- or five-week field-training course, taken during the summer between the sophomore and junior years, is required for entry into the Professional Officer Course.
- Students receive pay and travel costs for field training.

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. [\[Back to top\]](#)

**AFROTC: Professional Officer Course (POC).** Cadets selected for enrollment in POC are enlisted in the Air Force Reserve and receive tax-free monthly subsistence pay of at least \$350.

- They are furnished texts and uniforms.
- Junior- and senior-level classes consist of three hours of academic classes, 1.5 hours of physical training, and 1.5 hours of leadership laboratory per week, in addition to a position within the cadet corps.

**AFROTC: Financial Assistance.** The Air Force offers two- and three-year scholarships to students with a GPA of at least 2.5. Students awarded scholarships from the Air Force ROTC Scholarship Board are eligible for a supplemental room grant. To take advantage of these scholarships, students should apply directly to AFROTC UW (address noted under General Program Requirements).

**AFROTC: Two-Year Program.** The two-year program is open to graduate students and other students who have two years remaining until graduation.

- Students in this program are required to attend a five-week field-training course at an Air Force base during the summer preceding program entry. The student is paid during the period.
- Upon return to the campus, students pursue the professional officer course.
- Uniform, texts and at least \$350 monthly subsistence are provided.
- Two-year scholarships are available for qualified students.

Students interested in this program should contact the AFROTC department during October–December prior to the Autumn Quarter they desire to enter. [\[Back to top\]](#)

#### **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.

**A S 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: A.

**A S 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: W.

**A S 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.

**A S 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: A.

**A S 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: W.

**A S 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.

### **Army ROTC: Military Science**

Army ROTC is offered to SPU students through an agreement with the University of Washington. The program offers the student several elective options for the attainment of an Army officer's commission in the reserves or in active forces while pursuing the academic degree of his or her choice.

Normally, all students participate in the following:

- One to two classes per week (two to three hours).
- Physical training one to three times per week.
- Three leadership laboratories per quarter.
- One overnight field exercise per quarter.

The program allows for scholarship assistance for selected students, a monthly stipend for all scholarship and third- and fourth-year students, and attendance at optional summer courses.

For further information on this University of Washington program, call 206-543-9010 or write Professor of Military Science, University of Washington, Box 353820, Seattle, WA 98195. You can also [send email](#).

**Army ROTC: Financial Aid.** Cadets receive financial aid in two forms:

- Two-, three-, and four-year scholarships are awarded annually to cover school expenses. The scholarships pay up to \$16,000 per year toward tuition and fees, and provide a book allowance, as well as a monthly allowance that ranges from \$250 for freshman up to \$450 for seniors.
- Assistance of a \$350 to \$450 per month allowance to all non-scholarship cadets enrolled in the advanced course.

In addition to this aid, students may apply for an SPU ROTC Academic Achievement Award through [Student Financial Services](#). [\[Back to top\]](#)

**Army ROTC Commissioning Requirements.** To be commissioned in the U.S. Army, a student must graduate with a minimum of a bachelor's degree and complete the military science curriculum, including successful completion of the five-week advanced camp during the summer prior to the senior year.

**ROTC Academic Achievement Award.** Students awarded ROTC scholarships by the Air Force and Army programs described in this section of the *Catalog* may qualify for an ROTC Academic Achievement Award at Seattle Pacific.

The award, which covers room-and-board costs, is offered to qualified top scholars who present a combination of high school grade point average and SAT Combined Math/Verbal Score, which meets University guidelines for this award and who demonstrate commitment to the Christian ideals of Seattle Pacific, including involvement in a local church. The award is renewable for a total of four consecutive years. To apply, contact [SPU Financial Services](#).



### **Senior Citizen Program**

In keeping with the goal of service, SPU 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 a bachelor's degree.

The only limitation to the program is the availability of space in particular classes. Registration for senior citizens who use this program commences on the second day of the quarter. Those wishing to apply work toward a degree must formally apply to the [Office of Undergraduate Admissions](#). Non-matriculated students need only register at [Student Academic Services](#).

### **Washington Academy of Languages**

Students who are at least 18 years of age and have earned a high school diploma may register to receive SPU credit, on an SPU transcript, for courses taken through [Washington Academy of Languages \(WAL\)](#).

Registration for SPU credits through WAL is separate from the normal registration process for WAL courses and carries extra fees which will be charged by SPU, separate from charges for regular SPU credits. Courses taken through WAL have limited financial aid opportunities.

Students who are not matriculated, not admitted to SPU may pursue an alternative loan. Fully admitted, matriculated SPU students may be eligible for federal, state, and private financial aid if the WAL courses directly transfer toward their SPU degree — students must receive prior approval of the transfer applicability of WAL courses and general financial aid eligibility if they wish to be considered for aid. All interested students should contact Student Financial Services at 206-281-2061 (option 6) or [sfsinfo@spu.edu](mailto:sfsinfo@spu.edu).

These credits do not count toward the minimum 12 credits required for SPU full-time status nor toward housing and scholarship eligibility. Students must seek prior approval from Student Academic Services in Demaray Hall 151 if they wish to exceed a quarterly credit load of 18 credits from SPU and WAL, combined.

Final grades for WAL courses taken for SPU credit will be awarded at the end of the SPU quarter in which the classes are taken. Students must earn a minimum grade of "C" (2.0) in Level IV of a WAL language course (transcripted through SPU) in order to fulfill SPU's foreign language proficiency requirement.

## **SPECIAL STUDIES**

### **Center for Relationship Development, Blakely Island Field Station (marine biology/ecology)**

These programs are registered at Seattle Pacific University and taken with SPU faculty.

#### **Center for Relationship Development**

Les Parrott and Leslie Parrott, Directors

Even more than academic standing, career prospects, and earnings potential, students are concerned about establishing healthy relational roots. They want to break the cycle of soured relationships they have frequently witnessed and experienced among family or friends.

In what may be a first for an American educational institution, Seattle Pacific University has established the [Center for Relationship Development \(CRD\)](#) to help students learn to build healthy, lasting relationships. Initially funded by grants from the Murdock Charitable Trust, the Center is dedicated to fostering positive relationships, whether they be with classmates, roommates, parents, teammates, siblings, bosses, or potential marriage partners. The Center aims to solve relationship problems before they begin. Its efforts focus on three major areas: education, outreach, and research.

**Education.** Along with Seattle Pacific's [School of Psychology, Family, and Community](#), the Center for Relationship Development annually sponsors two academic courses in relationship development.

- **Relationship Development I** focuses on practical principles for building healthy relationships. The class addresses such issues as the meaning of friendship, gender differences, family-of-origin concerns, unconscious relationship needs, and the dating process.

- **Relationship Development II** is an advanced course presenting a practical basis for making healthy relational commitments. It focuses on such topics as love, intimacy, mate selection, and the meaning of covenant relationships.

**Outreach.** The Center for Relationship Development also sponsors special programs designed to meet specific relationship needs. These include the following:

1. **Saving Your Marriage Before It Starts (SYMBIS).** This marriage preparation workshop is offered each spring for engaged and newlywed couples. Topics include “The Myths of Marriage,” “Sexuality and Marriage,” “Fighting the Good Fight,” and “Money Matters.”
2. **The Marriage Mentor Club.** A unique feature of the SYMBIS program links participants to married couples who serve as mentors during the newlywed’s first married year.
3. **Relationship Emphasis Week.** Each spring, the Center invites a nationally recognized speaker to campus for a series of presentations on relationship issues. Featured guests have included Stephen Arterburn, author of *Addicted to Love*, and Lewis Smedes, author of *Caring and Commitment*. Activities that focus on relationships during this week include Chapel, group, leadership forums, and faculty luncheons.

**Research and Evaluation.** The CRD conducts ongoing scholarly research on relationship issues and puts that information to work in its education and outreach efforts. It also continuously evaluates its programs to ensure their effectiveness.

*Note: Both PSY 1250 and PSY 2250 must be successfully completed for grades if the student desires to apply these courses toward a psychology major or minor. [\[Back to top\]](#)*

#### **Blakely Island Field Station**

Timothy Nelson, Director, [Biology Department](#)  
Blakely Island, Washington  
206-281-3640  
[www.spu.edu/blakely](http://www.spu.edu/blakely)

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.

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.

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 [website](#), or contact Dr. Timothy Nelson, field station director. You can also see information about the [biology major](#) for further information and course descriptions. [\[Back to top\]](#)

## Academic Program

[The Academic Program](#)

[Academic Structure](#)

[The Common Curriculum](#)

[University Scholars](#)

[Special Programs](#)

[Special Studies](#)

[Study Abroad](#)

[Study Programs](#)

[Visit/Transfer Program](#)

[How to Read Catalog Course Information](#)

### STUDY ABROAD

#### Responsible Travel Policy for Seattle Pacific University

Travel is a powerful tool for engaging the culture, changing the world, and contributing to the education or professional work of SPU students, faculty, and staff. Understanding that members of our institution provide a model of Christian values during their journeys, SPU holds to these principles:

1. To enter travel with an attitude of humility and respect for the people who we will encounter and to spend time in advance learning about the culture, current events, and social or environmental issues at our destinations.
2. To cultivate the habit of asking questions about local norms and customs for photographing people, places, and events; to inquire about environmental standards followed by tour operators or facilities managers.
3. To ensure benefits for local people by striving to engage in activities and purchases that will provide sustainable income for the local economy.
4. To avoid adverse environmental impacts and reinforcement of cultural stereotypes.
5. When feasible, to travel in small groups in order to minimize negative impacts of travel on other places.

As a community who seeks to reflect Christ in all we do, we pledge to bring these principles back home and apply them to the travel we experience throughout our lives.

#### SPU Faculty Led Programs

These programs are registered at Seattle Pacific University and taken with SPU faculty. For more information about any of these study trips, [visit the Study Abroad website](#).

**[British Isles Program](#)** (*Spring Quarter, even numbered years*)

Luke Reinsma, Coordinator, [English Department](#)

**[The British Isles Quarter](#)** (BIQ) is a biennial study-abroad program that offers students an opportunity to take regular English courses from an SPU professor while residing and traveling in Great Britain. Professors, courses, and locations vary.

**[China Studies Program](#)** (*Autumn Quarter*)

Gail DeBell, Coordinator, [Study Abroad](#)

China is an ideal study abroad destination for students wishing for a true cultural learning experience. Students across all majors will find opportunities to fulfill degree requirements on the China study abroad program.

Students of all majors are encouraged to study at [Sichuan University](#) in the city of [Chengdu](#), located in the Sichuan Province in southwest China. Sichuan University is a key national research university with a history of more than 100 years. The university is a comprehensive institution with the widest selection of disciplines in west China. Sichuan University enjoys a deep cultural background and eminent scholarly research tradition. The university is dedicated to the internationalization of China's higher education and international students are valued and warmly welcomed to pursue academic studies there. Business students will have the option to join SPU professors for a two-week seminar prior to the start of classes at Sichuan University. This program is designed to give students an opportunity to see how China's booming economy impacts businesses and nations around the world today.

To get a first-hand understanding of these global implications, students taking the pre-term session will depart in mid-August and visit the great cities of [Hong Kong](#), [Shanghai](#), and [Beijing](#). The seminar launches students into an in-depth study of international business and exploration of the culture and life of the people of China.

All students will meet in Beijing to attend a 4-day orientation program to begin autumn quarter abroad. Before continuing on to the city of Chengdu, students will see major sights in Beijing while preparing for the cultural and academic differences they will encounter in China.

**European Studies** (*Spring Quarter, odd numbered years*)

Kathryn Bartholomew and Michelle Beauclair, Coordinators, [Foreign Language Department](#)

[European Quarter](#) is a SPU sponsored study-abroad program held Spring Quarter. Sites vary depending on faculty leadership and may include France, Italy, Germany, Austria, Switzerland, and Spain.

Participants meet the expectations of a quarter's study in Europe both academically, earning a minimum of 12 credits, and culturally, through in-depth contact with the language/culture connection.

**Guatemala Program**

Kathleen Braden, [Political Science and Geography](#) and John Lindberg, [Physics](#) Coordinators (2011)

Based in the beautiful, historic city of Antigua and surrounding village communities, students will be placed with local Guatemalan host families and enjoy in-country excursions under the guidance of [Students International](#) — our Guatemalan partner organization — to places such as [Tikal National Park](#), home of the "lost city" of the ancient Mayan civilization. This 15-credit program immerses students in the Central American country of Guatemala. Students will:

- Choose between two 5-credit exploratory curriculum classes, each taught with a Guatemala "twist" by SPU faculty!
- Gain experiential education and applied skills through completion of internships at Guatemalan sites, working with Students International staff and local Guatemalan citizens.
- Study Spanish one-on-one at Centro Linguistico Maya, with evaluation directed by SPU language faculty, while working toward satisfying SPU's language proficiency requirement. *Students register for Intro to Spanish before leaving, are evaluated on site and registration is updated to reflect their language level upon their return to campus, after an interview with an SPU Spanish professor.*

**Korea/Japan (Summer)**

Jaiel Lee, Coordinator, [Family and Consumer Sciences Department](#)

The Korea/Japan Study Abroad Trip is an 11 day program in international retailing, manufacturing, and sourcing, focused on Korea and Japan. The course will be taught by [Professor Jaiel Lee](#) in the [Department of Family and Consumer Sciences, Clothing and Textiles](#).

The in-country portion of the program will include visits to [Chungnam National University](#) (CNU) in Korea and [Bunka Fashion College](#) in Japan for presentations, interaction with peers, and campus tours. The program will also visit headquarters of an electronic shopping company in Korea, a Korean cosmetics firm and a Korean fashion company, a state-of-the-art menswear factory, and retailing facilities in both Japan and Korea. In addition, the program includes visits to important cultural sites in each location.

**Kyoto, Japan** (*Early September, prior to the start of Autumn Quarter*)

Jeff and Diana Keuss, Coordinators, [School of Theology](#)

On the [Kyoto Study Abroad trip](#), students will take an intensive two-week course that includes readings, lectures, discussions, and tours that relate to the world's major religious traditions outside of Christianity — Shintoism and Buddhism.

Students are introduced to the historic roots, major doctrinal developments, and worship practices of each tradition and asked to reflect critically and comparatively to the Christian faith on each tradition. First undertaken in September 2008, the Kyoto study abroad trip is led by SPU theology faculty.

**Paris: French Culture and Cinema** (*Summer*)

Michelle Beauclair, Coordinator, [Foreign Language Department](#), and Todd Rendleman, Coordinator, [Communication and Journalism Department](#).

Students choose from two tracks, either French language or Communication on the [Paris, France program](#).

- Students in the French track will improve their spoken French and listening comprehension through activities both inside and outside the classroom.
- Students in the Communication track will develop an appreciation of film criticism and aesthetics, with a special emphasis on French filmmakers and cinema.

The program includes the study of European civilization using the museums, theaters, and historic sights of the city as our classroom. Students also participate in a weekend excursion to the D-Day beaches in Normandy, France.

### **Philippines (Winter)**

Sharlene Kato, Coordinator, [Family and Consumer Sciences Department](#)

The Philippines Study Abroad Program aims to provide service-learning opportunities for students while working with children and families in a cross-cultural environment. Students will have the opportunity to apply the [Family and Consumer Sciences](#) mission as they travel to Manila and participate in feeding programs, family and community service projects, and school programs, and as they interact with the children in an orphanage sponsored by [Kids International Ministries](#).

### **Rome: Art and Incarnation (Summer)**

Katie Kresser, Coordinator, [Art Department](#) and Jennifer Maier, Coordinator, [English Department](#)

The [Rome Program](#) is a study abroad experience for SPU students interested in creative writing, aesthetics, art, art history, theology, and the visual arts. Students spend a month exploring the incarnational aspects of artistic expression while visiting places such as the Roman Forum and the Sistine Chapel. Daily excursions will be accompanied by classroom instruction.

For their classroom component, participants may choose between: A writing/literature track or an art history track. Both tracks are grounded in the works of Christian artists and writers.

### **South Africa (Summer)**

Kimberly Segall, Coordinator, [English Department](#)

This four-week summer program tours several locations in [South Africa](#), including Capetown (once the prison site of Nelson Mandela), Addo Elephant Park, the Garden Route, and the National Arts Festival at Grahamstown. Students will visit museums, attend theatre performances, and participate in a service project.

### **Transcultural Nursing Program (Winter Quarter)**

Chris Henshaw, Coordinator, [School of Health Sciences](#)

The [Nursing Program](#) offers transcultural experiences for students on campus, locally, and abroad. Applications for the study-abroad experience are available to nursing students Winter Quarter of the junior year and are due in early March. The study abroad experience occurs during Winter Quarter of the senior year.

Transcultural programs may not be offered every year, depending upon the international travel conditions and opportunities available. In addition, the School of Health Sciences has close ties with Gunma University College of Medical Care and Technology and with Gunma Prefectural Health Sciences College in Japan, offering summer programs focused on nursing in the United States.

### **Tropical Marine Biology (Galapagos or Belize) (Winter Break)**

Tim Nelson, Coordinator, [Biology Department](#)

This two-week study [Tropical Biology Program](#) takes place annually between the end of Autumn Quarter and Christmas Eve. Destinations vary between the Caribbean and a site in the Pacific (e.g., the 2009 tour was to Belize and the 2010 tour will be to the Galapagos Islands.) The tour typically emphasizes fish, corals, and seaweeds typical of coral reef ecosystems or terrestrial natural history.

- This study is open to all students.
- General Education or Exploratory Curriculum credit may be earned in BIO 1100.
- Students with biology experience may take BIO 4950 for credit.
- Snorkeling and scuba diving are optional.

The course includes a cultural component. In Belize, for example, the Mayan ruins were part of the tour. [\[Back to top\]](#)

## BESTSEMESTER (CCCU) PROGRAMS

American Studies Program (Washington, D.C.); Australia Studies Centre; China Studies; Contemporary Music Center; India Studies; Latin American Studies; Los Angeles Film Study Center; Middle East Studies; Oxford Summer Programme; The Scholars' Semester in Oxford; Uganda Studies; Washington (D.C.) Journalism Center

Seattle Pacific University is a member of the [Council for Christian Colleges and Universities \(CCCU\)](#) and the [Christian College Consortium \(CCC\)](#). The purpose of the CCCU and CCC is to promote Christian higher education, and to provide programs for students and professional development opportunities for faculty and administration.

Applications and information for all programs are available on the [BestSemester website](#). These 12 study programs are semester-based, and students register for them at Seattle Pacific University through the Council for Christian Colleges and Universities program. SPU financial aid applies to these programs. [\[Back to top\]](#)

### **American Studies (Washington, D.C.)**

Reed Davis, Coordinator, [Political Science Department](#)

Founded in 1976, the American Studies Program (ASP) has served hundreds of students from council-member institutions as a "Washington, D.C., campus." The ASP uses Washington, D.C., as a stimulating educational laboratory where collegians gain hands-on experience with an internship in their chosen field and explore pressing national and international issues in public policy seminars that are issue-oriented, interdisciplinary, and led by ASP faculty and Washington professionals.

Internships are tailored to fit the student's talents and aspirations and are available in a wide range of fields. The ASP bridges classroom and marketplace, combining biblical reflection, policy analysis, and real-world experience.

Students are exposed to on-the-job learning that helps them build for their future and gain perspective on the calling of God for their lives. They are challenged in a rigorous course of study to discover for themselves the meaning of Christ's lordship in putting their beliefs into practice. The aim of the program is to help Council schools prepare their students to live faithfully in contemporary society as followers of Christ. Students earn 24 quarter hours of credit.

### **Course Descriptions**

SBS 4915 Public Policy Seminar (12) Registration approval: Travel Studies Form. Prerequisite: Acceptance in the American Studies Program. Taught through a semester-long program of the Council for Christian Colleges and Universities in Washington, D.C. An interdisciplinary examination of selected topics in the American political, historical and cultural context. Reviews both domestic and international issues. Attributes: Social Science A; and Upper-Division. Class not open to freshmen and non-matriculated students.

SBS 4945 Internship (12) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the American Studies Program. Taught through a semester-long program of the Council for Christian Colleges and Universities in Washington, D.C. Students may select part-time placements in Washington, D.C., in agencies or programs associated with communication, arts, urban ministries, marketing and corporate enterprise, legal matters, trade associations or federal policy formation. Attribute: Upper-Division. Class not open to freshmen and non-matriculated students.

### **Australia Studies Center (Sydney)**

Don Yanik, Coordinator, [Theatre Department](#)

The Australia Studies Centre (ASC) seeks to prepare students to live the Christian life in a world that is religiously and culturally pluralistic, whether in Australia, North America, or other parts of the world.

Students are encouraged to think through their role as kingdom builders in a Western world that is increasingly secular both intellectually and culturally. Students are further challenged to grapple with the meaning of being "salt" and "light" in the culture-shaping arena of the professional performing artist. Students earn 24 credit hours. [\[Back to top\]](#)

### **Course Descriptions**

MA 3000 Australia Studies: Culture (6) Registration approval: Travel Studies Form. See current description at [www.bestsemester.com](http://www.bestsemester.com). Attribute: Upper-Division

MA 3001 Australia Studies: Theology (3-6) Registration approval: Travel Studies Form. See current description at [www.bestsemester.com](http://www.bestsemester.com). May be repeated for credit up to 6 credits. Attribute: Upper-Division.

MA 3002 Australia Studies: Design (3-6) Registration approval: Travel Studies Form. See current description at [www.bestsemester.com](http://www.bestsemester.com). May be repeated for credit up to 6 credits. Attribute: Upper-Division.

MA 3003 Australia Studies: Dance (3-6) Registration approval: Travel Studies Form. See current description at [www.bestsemester.com](http://www.bestsemester.com). May be repeated for credit up to 6 credits. Attribute: Upper-Division.

MA 3004 Australia Studies: Drama (3-6) Registration approval: Travel Studies Form. See current description at [www.bestsemester.com](http://www.bestsemester.com). May be repeated for credit up to 6 credits. Attribute: Upper-Division.

MA 3005 Australia Studies: Music (3-6) Registration approval: Travel Studies Form. See current description at [www.bestsemester.com](http://www.bestsemester.com). May be repeated for credit up to 6 credits. Attribute: Upper-Division.

### **China Studies Program (Xiamen)**

Gail DeBell, Coordinator, [Study Abroad](#)

The China Studies Program (CSP), which began in the spring of 1999, allows students to engage this large and intriguing country from the inside. While living and experiencing Chinese civilization firsthand, students participate in seminar courses on the historical, cultural, religious, geographical, and economic realities of this strategic and populous nation.

In addition to the study of standard Chinese, students will assist Chinese students learning English, allowing one-on-one interaction. The China Studies program is hosted by [Xiamen University](#) located on the beautiful garden island of Xiamen in southeastern China.

The program introduces students to the diversity of China with trips to Beijing, Shanghai, Hong Kong, and Xi'an. This interdisciplinary, cross-cultural program of study enables Christian students to deal with this increasingly important part of the world in an informed, Christ-centered way. Students earn 24 quarter hours of credit.

### **Course Descriptions**

CHN 2000 China Studies: Conversational Chinese (4) Registration approval: Travel Studies Form. 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. Class not open to freshmen and non-matriculated students.

CHN 3000 China Studies: Chinese II (4-5) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the CCCU China Studies Program. For a current description, please see [www.bestsemester.com](http://www.bestsemester.com).

SBS 3100 China Studies: Contemporary Society (4-5) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the CCCU China Studies Program. For a current description, please see [www.bestsemester.com](http://www.bestsemester.com).

SBS 3102 China Studies: Eastern Philosophy and Religion(3-5) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the CCCU China Studies Program. For a current description, please see [www.bestsemester.com](http://www.bestsemester.com).

SBS 4902 China Studies: History, Culture and Geography (3-5) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the CCCU China Studies Program. Covers the history of China from its earliest beginnings to the present. Topics include Chinese philosophy, classics, history, geography, cultural customs and traditions, as well as religious traditions and life in rural China. Attributes: Social Science B; and Upper-Division. Class not open to freshmen and non-matriculated students.

SBS 4904 China Studies: Contemporary Society and Public Policy (5) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the CCCU China Studies Program. This course focuses on changes that have transformed society since the Reform Policies of 1979. Topics include changes in the educational system, religious policy, women's issues, population control, rights of ethnic minorities, legal reforms, Taiwan and Tibet, and Sino-U.S. diplomacy. Attribute: Upper-Division. Class not open to non-matriculated students. Class not open to freshmen.

SBS 4905 China Studies: Modernization and Economic Development (4) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the CCCU China Studies Program. This course focuses on the economic changes in China since the late 1970s. Various areas such as foreign exchange, private enterprise, stock market, rural development and economic policies are covered. Attribute: Upper-Division. Class not open to freshmen and non-matriculated students.

SBS 4906 China Studies: Local Customs (2) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the CCCU China Studies Program. Attribute: Upper-Division. Class not open to freshmen and non-matriculated students.

SBS 4907 China Studies: Tai Chi (2) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the CCCU China Studies Program. Tai chi, a gentle and stylized form of self-defense, tones the body and concentrates the mind. Students learn techniques, postures and routines. Attribute: Upper-Division.

SBS 4908 China Studies: Intercultural Communication (4-5) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the CCCU China Studies Program. This seminar introduces the fundamentals of language, communications and culture. Emphasis is on the bridges and barriers to cross-cultural communication, particularly between Chinese and Americans. Attribute: Upper-Division.

### **Contemporary Music (Nashville)**

Ramona Holmes, Coordinator, [Music Department](#)

The Contemporary Music Center offers students the opportunity to spend a semester studying, living, and working with faculty, music industry experts, and other students who share their interest in making and marketing contemporary music. It is a chance to devote serious time to discovering how God would have a student integrate his or her faith, love of music, and the music marketplace.

In addition to core courses investigating the music industry and the intersection of faith and culture, students can choose between the Artist track or the Music Executive track. They will get many hours of hands-on experience, plus lectures, seminars, directed study, and an intensive field experience in Nashville, Tennessee. When not in class, students will be in the studio or in music-business offices.

Together with classmates, students will make and market a CD of original music. The Center is located in Nashville, TN.

[\[Back to top\]](#)

### **Course Descriptions**

FPA 3000 Contemporary Christian Music: Faith, Music and Culture (5) Registration approval: Travel Studies Form. The purpose of this course is to help students develop a Christian approach to the creation, marketing and consumption of contemporary music. Attribute: Upper-Division.

FPA 3001 Contemporary Christian Music: Artist Management (4) Registration approval: Travel Studies Form. Through lecture, text and visiting music industry experts, executive track students will gain a thorough understanding of the economic, creative and spiritual elements critical to a career in contemporary music. Part of executive track. Attribute: Upper-Division.

FPA 3002 Contemporary Christian Music: Music Marketing and Sales (5) Registration approval: Travel Studies Form. Through classroom instruction and presentations by visiting industry experts, executive track students will become familiar with the role of packaging, retail point-of-purchase materials, publicity, advertising, radio and video promotion, Internet marketing and tour support in the marketing and sale of recorded music. Part of the executive track. Attribute: Upper-Division.

MUS 1000 Contemporary Christian Music: Inside the Music Industry(4) Registration approval: Travel Studies Form. Through readings, lectures, and seminars delivered by leading industry figures, the course will give up-to-the-minute insight into the inner workings of the music industry. Emphasis will be given to career possibilities, and the gifts and skills required to succeed in each of the major areas, including work as a performer.

MUS 3000 Contemporary Christian Music: Studio Recording (5) Registration approval: Travel Studies Form. Artists, via both the classroom and lab, will work with faculty, other students, and visiting experts to learn how to produce, record, mix, and edit recordings in a professional multi-track studio. Part of artist track. Attribute: Upper-Division.



MUS 3001 Contemporary Christian Music: Essentials of Songwriting (5) Registration approval: Travel Studies Form. Artists will receive classroom instruction, participate in directed study with staff, and work in collaboration with other students to develop their use of form, melody, harmony, rhythm, and lyric. Part of the artist track. Attribute: Upper-Division.

MUS 3002 Contemporary Christian Music: Performance (4) Registration approval: Travel Studies Form. In consultation with staff and executive track students, artists will develop a live concert presentation that best utilizes their gifts as musicians, entertainers, and communicators. Part of the artist track. Attribute: Upper-Division.

MUS 3003 Contemporary Christian Music: Artists and Repertoire (5) Registration approval: Travel Studies Form. Executives will learn how to create a label business plan; analyze and forecast trends in popular music; assemble a successful artist roster; and, in tandem with artists, they will plan, budget, and produce recording sessions. Part of executive track. Attribute: Upper-Division.

MUS 4935 Contemporary Christian Music: Practicum (1) Registration approval: Travel Studies Form. Each student will participate in an intensive weeklong practicum. Briefings, tours, and meetings will be arranged with leading record companies, artist management firms, booking agencies, recording studios, concert promoters, writers, producers, and artists. Attribute: Upper-Division.

### **Film Studies Program (Los Angeles)**

Kim Gilnett, Coordinator, [Fine Arts Department](#)

The Los Angeles Film Studies Center (LAFSC), a program of the Council for Christian Colleges and Universities, offers a semester-long liberal arts exposure to the workings of the film industry, exploring the ethical considerations and cultural influences that arise from the industry's operations and product.

- Enrollment in the program is competitive and limited to upper-division undergraduates.
- For those accepted into the program, a block of 24 SPU credits may be earned.
- Consult the film-studies coordinator for details.

The Los Angeles Film Studies Center, located in Burbank, California, provides students a unique opportunity to study the film industry in an "on location" intensified experience. Participants have opportunity to meet working professionals from all aspects of the film industry, to visit facilities found only in Southern California, and to utilize film research libraries unique to the area.

The curriculum is intended to appeal to students from a variety of academic disciplines with the intent of providing an interdisciplinary study of film and the film industry, and with a secondary goal of providing opportunity to investigate future academic and/or vocational opportunities. [\[Back to top\]](#)

### **Course Descriptions**

FLM 4100 CCCU: Film Studies - Theology in Hollywood (6) Registration approval: Travel Studies Form. 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. Attribute: Upper-Division.

FLM 4120 CCCU: Film Studies - Hollywood Production Workshop (4-5) Registration approval: Travel Studies Form. 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. Attribute: Upper-Division.

FLM 4140 Screenwriting (4-5) Registration approval: Travel Studies Form. 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. Attribute: Upper-Division.

FLM 4900 CCCU: Film Studies - Independent Study (4) Registration approval: Travel Studies Form. 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.

FLM 4910 CCCU: Film Studies - Motion Picture Production (4-5) Registration approval: Travel Studies Form. 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. Attribute: Upper-Division.

FLM 4943 Internship (8-10) Registration approval: Travel Studies Form. 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. Attribute: Upper-Division.

### **India Studies Program (Coimbatore)**

Gail DeBell, Coordinator, [Study Abroad](#)

"Unity in Diversity" is the hallmark of the nation of India. There are 28 states and 7 union territories, 22 officially recognized languages and numerous dialects, about 9 religions and nearly 2000 ethnic groups across India. The India Studies Program offers a unique opportunity to encounter one of today's most fascinating and diverse cultures. This diversity, as well as the call to be an obedient witness for Christ throughout the world, provides a rich and engaging setting to equip students to be servant-leaders in a pluralistic world of beliefs, cultures and needs.

In particular, the India Studies Program will challenge students to discover for themselves a variety of ways to address the needs of the poor and disenfranchised, acting as agent of salt and light in broken world.

The India Studies Program is structured to provide students with both immersion in a local community and broad exposure to a variety of peoples, places and customs in India including an extensive two-week travel portion of the program to provide students a close up look at India's diversity. Students will participate in two core courses designed to provide a broad overview of the historical, religious, geographical and economic landscape of India. Building on their basic understanding of India's past and contemporary realities students will have opportunities to explore a variety of issues -poverty, social justice, rapid social change, religious pluralism - through the eyes and experience of Indian Christians. Rounding out the semester experience, students will also have the opportunity to take courses in their major areas with Indian students and professors.

At its heart, the India Studies Program strives to encourage and equip students to effectively relate to India and its people in an informed, constructive and Christ-centered manner.

### **Course Descriptions**

*Are under development*

### **Latin American Studies Program (San Jose, Costa Rica)**

Robert Baah, Coordinator, [Foreign Language Department](#)

Students of Council member colleges have the opportunity to live and learn in Latin America through the Latin American Studies Program (LASP), based in San Jose, Costa Rica. The program seeks to introduce students to as wide a range of Latin American experiences as possible through the study of language, literature, culture, politics, history, economics, ecology, and religion of the region.

Living with a Costa Rican family, students experience and become a part of the day-to-day lives of typical Latin Americans. Students also participate in a service opportunity and travel for three weeks to nearby Latin American nations. In addition to the regular program of interdisciplinary offerings, three specialized academic tracks are available to qualified students:

- Advance Language and Literature Studies (limited to Spanish majors and offered both Autumn and Spring Quarters)
- International Business and Management (offered in only Autumn Quarter)
- Tropical Sciences (offered in only Spring Quarter).

Students in all tracks earn 24 quarter hours of credit.

### **Course Descriptions**

BIO 4917 Latin American Studies Program: Science Seminar (6) Registration approval: Travel Studies Form. 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 tropical science track. Attribute: Upper-Division. Class not open to freshmen and non-matriculated students.

BIO 4918 Latin American Studies Program: Field Research (3) Registration approval: Travel Studies Form. 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. Attribute: Upper-Division.

SBS 4911 Latin American Studies Program: Business Seminar (5) Registration approval: Travel Studies Form. Prerequisite: Acceptance in Latin American Studies Program. Taught through semester-long program of the Council of Christian Colleges and Universities in Costa Rica. Students investigate management and marketing in Latin America. Businesses explored include export commodities and multinationals marketing in Latin America. Special emphasis given to sources of information for planning. Part of the international business track. Attribute: Upper-Division. Class not open to freshmen and non-matriculated students.

SBS 4918 Latin American Studies Program: Seminar in Latin American Culture I: History, Contemporary Issues and Perspectives (5) Registration approval: Travel Studies Form. Prerequisite: Acceptance in the Latin American Studies Program. Taught through a semester-long program of the Council for Christian Colleges and Universities in Costa Rica. This seminar introduces students to the historical development of Latin America, the variety of analytical perspectives from which Latin American reality is explained, the character, past and present, of U.S. policy in the region, and the nature and impact of the economic crisis in the region. Attributes: Social Science B; and Upper-Division. Class not open to freshmen and non-matriculated students.

SBS 4919 Latin American Studies Program: Seminar in Latin American Culture II: Uniting Faith and Practice (4) Registration approval: Travel Studies Form. Prerequisite: Acceptance in the Latin American Studies Program. Taught through a semester-long program of the Council for Christian Colleges and Universities in Costa Rica. This course introduces students to several perspectives on faith and practice in the context of Latin America, considers the historical development and current character of the church in Latin America, helps students gain an understanding of approaches to Third World development and enables students to reflect biblically on these topics. Attribute: Upper-Division. Class not open to freshmen and non-matriculated students.

SBS 4920 Latin American Studies Program: Case Study/Project (4) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the Latin American Studies Program. Taught through a semester-long program of the Council for Christian Colleges and Universities in Costa Rica. Part of the international business track. Attribute: Upper-Division.

SBS 4921 Latin American Studies Program: Travel Practicum (1-2) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the Latin American Studies Program. Taught through a semester-long program of the Council for Christian Colleges and Universities in Costa Rica. Part of the tropical science track/advanced language and literature track/international business track. Attribute: Upper-Division.

SBS 4922 Latin American Studies Program: Literature and Language (5) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the Latin American Studies Program. Taught through a semester-long program of the Council for Christian Colleges and Universities in Costa Rica. Part of the advanced language and literature track. Attribute: Upper-Division.

SBS 4923 Latin American Studies Program: Work/Service Opportunity (4) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the Latin American Studies Program. Taught through a semester-long program of the Council for Christian Colleges and Universities in Costa Rica. Part of the advanced language and literature track. Attribute: Upper-Division.

SBS 4937 International Practicum (6) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the Latin American Studies Program. Taught through a semester-long program of the Council for Christian Colleges and Universities in Costa Rica. Opportunity to participate in a two-week, hands-on service project will be offered midway through the semester. Attribute: Upper-Division. Class not open to freshmen and non-matriculated students.

SPN 4000 Latin American Studies Program: Spanish Language Study (9) Registration approval: Travel Studies Form. 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. Attribute: Upper-Division.

### **Middle East Studies Program (Cairo, Egypt)**

Donald Holsinger, Coordinator, [History Department](#)

The Middle East Studies Program (MESP) based in Cairo, Egypt, allows Council students to explore and interact with the complex and strategic world of the modern Middle East. The interdisciplinary seminars give students the opportunity to explore the diverse religious, social, cultural, and literary traditions of Middle Eastern people.

- In addition to seminars, students study the Arabic language and work as volunteers with various organizations in Cairo.
- Through travel to Israel, Palestine, Jordan, and Turkey, students are exposed to the diversity and dynamism of the region.

The MESP encourages and equips students to relate to the Muslim world in an informed, constructive, and Christ-centered manner in a time of tension and change. Students earn 24 quarter hours of credit. [\[Back to top\]](#)

### **Course Descriptions**

ARAB 2000 Middle East: Introduction to Arabic Language (6) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the Middle East Studies Program. After a brief survey of the historical development of Arabic in the Middle East, both oral and written exercises form an integral part of the classroom program. This course incorporates the concept of communicative language acquisition to maximize the interaction of students with speakers of Arabic. Focusing on spoken Arabic, students are given a solid introduction to Egyptian colloquial grammar and a substantial amount of vocabulary. Students' involvement in weekly service opportunities further facilitates language acquisition. Class not open to freshmen and non-matriculated students.

SBS 4912 Middle East Seminar: People and Cultures (6) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the Middle East Studies Program. Autumn or spring semester study in Cairo, Egypt, with the Middle East Studies Program of the Council of Christian Colleges and Universities. Interdisciplinary introduction to the cultural, political and religious characteristics of Middle Eastern peoples. Attributes: Social Science B; and Upper-Division. Class not open to freshmen and non-matriculated students.

SBS 4913 Middle East Seminar: Islamic Thought and Practice (6) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the Middle East Studies Program. Taught through semester-long program of the Council for Christian Colleges and Universities in Cairo, Egypt. This course examines the doctrines, rituals, jurisprudence and historical vision of Islam with an emphasis on contemporary expressions of Islam in the Middle East. Special attention is given to the historical origins of religious traditions that are still alive today, namely Sunni, Shi'ite (Zaydi, Isma'ili and Twelver) and Sufi Islam, as well as the central features of Islamic theology and jurisprudence: the Qur'an, the Hadith, Kalaam and legal reasoning. Attributes: Arts and Humanities B; and Upper-Division. Class not open to freshmen and non-matriculated students.

SBS 4914 Middle East Seminar: Conflict and Change (6) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the Middle East Studies Program. Taught through a semester-long program of the Council for Christian Colleges and Universities in Cairo, Egypt. Interdisciplinary exploration of political, economic and cultural origins of conflict, in

particular, the Arab-Israeli conflict. May include study trip to Israel and the West Bank. Attributes: Social Science B; and Upper-Division. Class not open to freshmen and non-matriculated students.

### **The Scholars' Semester in Oxford (Oxford)**

Luke Reinsma, Coordinator, [English Department](#)

Honors students from the Council for Christian Colleges and Universities have the opportunity to study in England in an interdisciplinary semester at Oxford University in England. The rigorous academic program, aimed at increasing critical-thinking skills and scholarship from a Christian perspective, allows participants to choose from a wide variety of tutorial study programs in numerous disciplines, including the arts, religion, history, literature, and philosophy.

- In addition to two Oxford tutorials, students participate in a seminar and an integrative course through which they produce a scholarly project or term paper.
- Field trips provide opportunities for experiential learning in England's rich historical setting.
- Students earn 24 quarter hours of credit as a member of Wycliffe Hall and visiting student of Oxford University.

### **Course Descriptions**

SBS 4951 Oxford: Tutorial I (6-9) See current description at [www.bestsemester.com](http://www.bestsemester.com). Attribute: Upper-Division. Class not open to graduate students. Class not open to freshmen.

SBS 4952 Oxford: Tutorial II (4-6) See current description at [www.bestsemester.com](http://www.bestsemester.com). Class not open to graduate students. Class not open to freshmen.

SBS 4953 Oxford Integrative Seminar (5-6) See current description at [www.bestsemester.com](http://www.bestsemester.com). Attribute: Upper-Division. Class not open to graduate students. Class not open to freshmen.

### **Oxford Summer School (Oxford)**

Luke Reinsma, Coordinator, [English Department](#)

Students spend a summer term studying at the Centre for Medieval and Renaissance Studies (CMRS) of Keble College at Oxford University in England. The program includes multi-disciplinary study of the Renaissance and Reformation through examination of philosophy, art, literature, science, music, politics, and religion of early modern Europe in a choice of lectures, seminars, and fieldtrips. Students earn 9–13.5 quarter credits, which are administered directly to member institutions by CMRS credits. [\[Back to top\]](#)

### **Course Descriptions**

FPA 4951 Oxford Arts Tutorial (6) Prerequisite: Admission to Oxford Honors. Taught through the historic one-to-one learning experience characteristic of the Oxford and Cambridge systems in England, this tutorial may include art, architecture, art history, drama and classics from the Medieval and Renaissance era and beyond in the framework of liberal arts exploration. Attributes: Arts and Humanities C; and Upper-Division. Class not open to graduate students. Class not open to freshmen.

RS 3000 Oxford: Christianity and Culture (3-6) Registration approval: Travel Studies Form. See current description at [www.bestsemester.com](http://www.bestsemester.com). Attribute: Upper-Division.

RS 4950 Oxford Summer Programme: Topical Seminar (1-2) Registration approval: Travel Studies Form. See current description at [www.bestsemester.com](http://www.bestsemester.com). May be repeated for credit up to 4 credits. Attribute: Upper-Division.

RS 4980 Oxford Summer Programme: Field Seminar (1-2) Registration approval: Travel Studies Form. See current description at [www.bestsemester.com](http://www.bestsemester.com). May be repeated for credit up to 4 credits. Attribute: Upper-Division.

### **Uganda Studies Program (Mukono)**

Kerry Dearborn, Coordinator, [School of Theology](#)

The Uganda Studies Program (USP) seeks to prepare students to live the Christian life in a world that is religiously and culturally pluralistic, whether in Africa, North America, or other parts of the world.

The USP seeks to introduce students to the dynamic world of the global south, focused in the vibrant East African nation of Uganda. Christianity there is joyful and growing rapidly, even as it engages Islam and secularization. USP students will move through this society first in the classes and dormitories of Uganda Christian University and then as learners observing places and people of interest around the country. Students earn 24 quarter hours of credit.

## Course Descriptions

HUM 3111 Uganda Studies Program: African Literature (3-6) Registration approval: Travel Studies Form. See current description at [www.bestsemester.com](http://www.bestsemester.com). Attributes: Arts and Humanities B; and Upper-Division.

RS 3100 Uganda Studies Program: Faith and Practice (3-6) Registration approval: Travel Studies Form. See current description at [www.bestsemester.com](http://www.bestsemester.com). Attribute: Upper-Division.

RS 3101 Uganda Studies Program: Religions, Christianity and Islam in Contemporary Africa (3-6) Registration approval: Travel Studies Form. See current description at [www.bestsemester.com](http://www.bestsemester.com). Attribute: Upper-Division.

RS 3120 Uganda: Forming a Christian Worldview (1-6) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the CCCU Uganda Studies Program. For a current description, please see [www.bestsemester.com](http://www.bestsemester.com).

RS 3121 Uganda: African Christian Theology (1-6) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the CCCU Uganda Studies Program. For a current description, please see [www.bestsemester.com](http://www.bestsemester.com).

RS 3122 Uganda: Theory and Practice Missions (1-6) Prerequisite: Acceptance into the CCCU Uganda Studies Program. For a current description, please see [www.bestsemester.com](http://www.bestsemester.com).

SBS 3120 Uganda Studies Program: Elective Studies (1-6) Registration approval: Travel Studies Form. See current description at [www.bestsemester.com](http://www.bestsemester.com). May be repeated for credit up to 6 credits. Attribute: Upper-Division.

SBS 3121 Uganda: Geography (1-6) Registration approval: Travel Studies Form. Prerequisite: Acceptance into the CCCU Uganda Studies Program. For a current description, please see [www.bestsemester.com](http://www.bestsemester.com).

SBS 3130 Uganda Studies Program: African History and Culture (3-6) Registration approval: Travel Studies Form. See current description at [www.bestsemester.com](http://www.bestsemester.com). Attributes: Social Science B; and Upper-Division.

### **Washington Journalism Center (Washington, D.C.)**

Rick Jackson, Coordinator, [Communication Department](#)

The Washington Journalism Center is an advanced, experiential semester on Capitol Hill that will cultivate professional news skills and encourage students to think through the implications of being a Christian working in the news media in a city that is home to the powerful and the powerless. [\[Back to top\]](#)

## Course Descriptions

JRN 4950 CCCU: Special Topics in Journalism (1-6) Registration approval: Coordinator. CCCU: Special Topics in Journalism may be repeated for credit up to 6 credits. Attribute: Upper-Division.

## VISIT/TRANSFER PROGRAMS

Clark Atlanta, Consortium Visitor Program, Daystar, FIT, FIDM, Soongsil University

Students can register for the following programs through SPU agreements. Those interested in one of these programs will meet with the designated contact at SPU, but will register for classes through the institution they visit.

### **Clark Atlanta University (Atlanta, Georgia)**

Seattle Pacific University and [Clark Atlanta University](#) are sister schools. Students are able to study at each institution with the permission of the vice president for academic affairs. Information is available from the [Office of Student Life](#). [\[Back to top\]](#)

### **Consortium Visitor Program (Various Locations)**

Students 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, Houghton College, Malone College, Messiah College, Taylor University, Trinity International University, Westmont College and Wheaton College.

Applications should be filed through Student Academic Services. This program is eligible to students who have completed one year in residence at SPU and in good academic standing. The deadline for Autumn Quarter is March 1; for Winter Quarter and Spring Quarter, the deadline is October 1. Information is available in Student Academic Services on campus, and by [clicking here](#).

**Daystar Program (Nairobi, Kenya)** (*Suspended due to travel advisory warnings issued by the U.S. Department of State*). The Christian College Consortium also sponsors a study program at [Daystar University](#) in Nairobi, Kenya. Programs of study include communications, business administration and management, education, community development, and Bible and Christian ministries.

All instruction is in the English language, offered by a faculty composed primarily of African nationals. Admission to Daystar is limited to Consortium students in their junior or senior years. [\[Back to top\]](#)

#### **Fashion Institute of Design and Merchandising (FIDM) Program (Los Angeles)**

Students have an option of pursuing a concentrated year of training in interior design by participating in the liaison program with the [Fashion Institute of Design and Merchandising](#)(FIDM) in Los Angeles.

Students electing to participate in the FIDM liaison should apply in their junior year and attend during their senior year. Students considering this option should seek advisement early in their academic careers in order to meet the requirements of both FIDM and SPU.

#### **Fashion Institute of Technology (FIT) Program (New York, New York)**

Students in the textiles and clothing program who have major status and have maintained a satisfactory grade-point average may select from nine additional specializations if they are accepted into the liaison program with the [Fashion Institute of Technology](#) (FIT) in New York City.

Those students who choose the FIT option must be accepted into the major and work closely with their advisor in selecting courses that best prepare them for their chosen major. Specializations offered through the liaison program with FIT include: accessories design; advertising and communication; advertising design; manufacturing management; fashion design; fashion buying and merchandising; jewelry design; textile/surface design; and textile development and marketing.

## **Academic Program**

[The Academic Program](#)

[Academic Structure](#)

[The Common Curriculum](#)

[University Scholars](#)

[Special Programs](#)

[Special Studies](#)

[Study Abroad](#)

[Study Programs](#)

[Visit/Transfer Program](#)

**[How to Read Catalog Course Information](#)**

### **HOW TO READ CATALOG COURSE INFORMATION**

The following information is provided to help you understand course listings:

**Subject Code:** This contains the abbreviation of the discipline of the class, (e.g., MAT for mathematics).

**Subject Number:** This is the course number that accompanies the discipline. Courses numbered 0001–0999 are used to designate continuing education units or courses offered for credit that are not applicable toward a degree. Courses numbered 1000–2999 are designed primarily for freshmen and sophomores, and courses numbered 3000–3999 are designed primarily for juniors. Courses numbered 4000–4999 are primarily for seniors, but may also be suitable for fifth-year and other post-baccalaureate students. Courses numbered 5000–5999 are considered primarily for professional development and cannot be applied toward fulfillment of an undergraduate degree. Courses numbered 6000–6999 are

designed for master's degree programs and 7000–7999 for doctoral degree programs. Note: 3000- and 4000-level courses fulfill upper-division degree requirements.

**Title:** Title of the course.

**Credit:** Lists the number of quarter credit hours granted for the class. Variable credit classes will be listed with a hyphen or comma, e.g., 3–5 (3 to 5); 3,5 (3 or 5). Students need to determine the number of credits they wish to earn for the class at the time of registration.

**Description:** A statement that provides information about the course. Some courses will contain additional information related to prerequisites or course fees. Prerequisites need to be fulfilled prior to registering for the listed course.

**Repeat Limits:** Courses that may be repeated for credit state the number of times the course may be repeated or the maximum number of repeatable credits. Courses that have been identified as repeatable will appear multiple times on a transcript and will have the credits and GPAs calculated into the quarterly and cumulative grade point information until the limit has been reached. Once reached, the repeat rules in [Repeat/Substitute Courses](#) will be applied.

**Corequisite:** Classes noted as corequisites require concurrent registration with the original listing. Students must enroll during the same quarter for all courses listed as corequisites.

**Course Equivalent:** Classes noted as equivalent mean the courses are the same and that students will not receive credit toward graduation if they enroll in both courses. However, equivalent courses may substitute for one another during the degree audit process or when repeating a class (see [Repeat/Substitute Courses](#)).

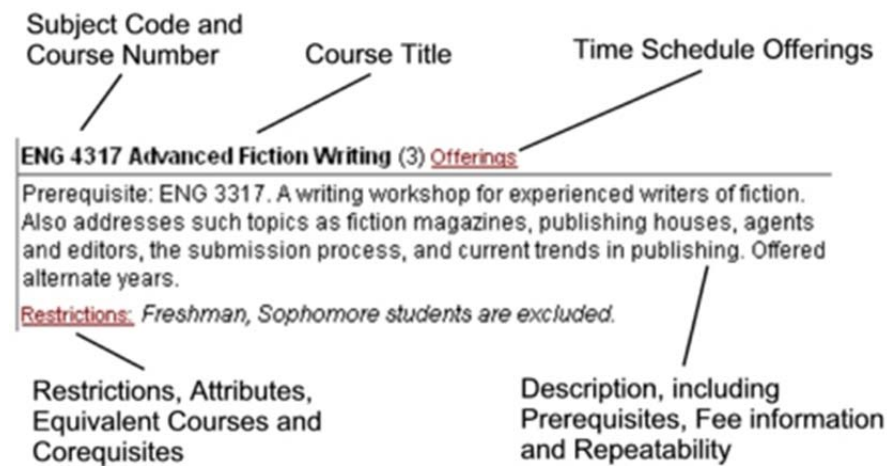
**Attributes:** This information details how the course will be applied when conducting a graduation evaluation (degree audit).

**Registration Restrictions:** Registration restrictions have been designated for certain courses. 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. The registration restrictions may be based on student level, student classification, or declared major.

**Fees:** Any class fees will be assessed at the time of registration. Fees may be charged at a flat rate (e.g., \$10) or per credit rate (e.g., \$10/credit). Fees are noted by the statement "Extra Fees."

### Sample Catalog Description

(For illustration purposes only.)





## Areas of Instruction at Seattle Pacific University

Seattle Pacific University awards the B.A. and B.S. degrees in the subject areas listed below. Some certificate programs and certifications are also available.

Information about [Seattle Pacific University's graduate degrees](#) — M.A., M.B.A., M.Ed., M.F.A., M.S., M.S.N., Ed.D., and Ph.D. — is also available.

### COLLEGE OF ARTS AND SCIENCES

#### CAS Undergraduate Majors

[Applied Human Biology](#)  
[Art](#)  
[Biochemistry](#)  
[Biology](#)  
[Cellular and Molecular Biology](#)  
[Chemistry](#)  
[Classics](#)  
[Clothing and Textiles](#)  
[Communication](#)  
[Computational Mathematics](#)  
[Computer Engineering](#)  
[Computing Sciences](#)  
[Ecology](#)  
[Electrical Engineering](#)  
[Engineering](#)  
[English](#)  
[Exercise Science](#)  
[Family & Consumer Sciences](#)  
[Food and Nutritional Sciences](#)  
[General Studies](#)  
[Global Development Studies](#)  
[History](#)  
[Individual and Family Development](#)  
[Integrated Studies](#)  
[Interior Design](#)  
[Information Systems](#)  
[Languages](#)  
[European Studies: Europe](#)  
[European Studies: French](#)  
[European Studies: German](#)  
[European Studies: Latin](#)  
[European Studies: Linguistics](#)  
[European Studies: Russian](#)  
[European Studies: Spanish](#)  
[Latin American Studies: Spanish](#)  
[Linguistics and Cultural Studies](#)  
[Mathematics](#)  
[Music](#)  
[Music Therapy](#)  
[Philosophy](#)  
[Physical Education](#)  
[Physical Science: 3/2 Program](#)  
[Physics](#)  
[Physiology](#)  
[Political Science](#)  
[Pre-Law](#)  
[Pre-Professional Health Programs](#)  
[Professional Studies](#)  
[Sociology](#)  
[Student-Designed Major](#)  
[Theatre](#)  
[Visual Communication](#)

### BUSINESS AND ECONOMICS

#### SBE Undergraduate Majors

[Accounting](#)  
[Business Administration](#)  
[Economics](#)

#### SBE Undergraduate Minors

[Business Administration](#)  
[Economics](#)  
[Entrepreneurship](#)

#### EDUCATION

[Elementary Certification Requirements](#)  
[Secondary Certification Requirements](#)  
[K-12 Certification Requirements for Art, Drama, Music, and Health/Fitness](#)  
[Special Education \(P-12\)](#)

#### HEALTH SCIENCES; Lydia Green Nursing Program

[Nursing](#)  
[R.N. to B.S. Degree Completion](#)

#### PSYCHOLOGY, FAMILY, AND COMMUNITY

#### SPFC Undergraduate Major

[Psychology](#)

#### SPFC Undergraduate Minor

[Psychology](#)

#### THEOLOGY

#### SOT Undergraduate Majors

[Educational Ministry](#)  
[Christian Theology](#)

#### SOT Undergraduate Minors

[Christian Scriptures](#)  
[Christian Spirituality](#)  
[Christian Theology](#)  
[Educational Ministry](#)  
[Youth Ministry](#)  
[Global and Urban Ministry](#)  
[Reconciliation](#)

## **CAS Undergraduate Minors**

- [Anthropology](#)
- [Art \(Studio Arts\)](#)
- [Biology](#)
- [Chemistry](#)
- [Classics](#)
- [Clothing and Textiles](#)
- [Communication](#)
- [Computer Engineering](#)
- [Computer Science](#)
- [Electrical Engineering](#)
- [English \(Literature, Creative Writing, Professional Writing\)](#)
- [European Studies: Europe](#)
- [European Studies: French](#)
- [European Studies: German](#)
- [European Studies: Latin](#)
- [European Studies: Linguistics](#)
- [European Studies: Russian](#)
- [European Studies: Spanish](#)
- [Exercise Science](#)
- [Food and Nutritional Sciences](#)
- [Geopolitics](#)
- [History](#)
- [Journalism](#)
- [Individual and Family Development](#)
- [Latin American Studies](#)
- [Leadership Studies](#)
- [Linguistics and Cultural Studies](#)
- [Mathematics](#)
- [Music](#)
- [Music and Worship Arts](#)
- [Philosophy](#)
- [Physical Education](#)
- [Physics](#)
- [Political Science](#)
- [Sociology](#)
- [Theatre](#)
- [Women's Studies](#)

## College of Arts and Sciences

Demaray Hall  
206-281-2166  
[spu.edu/depts/cas/](http://spu.edu/depts/cas/)

**Bruce D. Congdon**, Dean of the College of Arts and Sciences

The College of Arts and Sciences (CAS) at Seattle Pacific University offers undergraduate majors in 18 different disciplines and two graduate programs. 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 our mission is contributing to the formation of a mature Christian faith and the development of the whole person. Graduates of the College of Arts and Sciences are prepared for lives of continuing learning and responsiveness to a changing world.

A complete list of CAS departments is below; visit the department for detailed information about admission to its major(s) and minor(s), faculty members, contact information, and course listings.

### COLLEGE OF ARTS AND SCIENCES

#### Division of Fine and Performing Arts

[Art](#)

[Music](#)

[Theatre](#)

#### Division of Humanities

[Classics](#)

[Communication and Journalism](#)

[English](#) (Literature\* and Writing\*)

[Languages](#)

[European Studies: Europe](#)

[French](#)

[German](#)

[Latin](#)

[Linguistics](#)

[Linguistics and Cultural Studies](#)

[Russian](#)

[Spanish](#)

[Latin American Studies: Spanish](#)

[Philosophy](#)

#### Division of Science and Engineering

[Biology](#)

[Chemistry and Biochemistry](#)

[Computing Sciences](#)

[Engineering](#)

[Mathematics](#)

[Physics](#)

[Pre-Professional Health Programs](#)

**Division of Social and Behavioral Sciences**

[Family and Consumer Sciences](#)

[History](#)

[Physical Education and Exercise Science](#)

[Political Science and Geography](#)

[Pre-Law](#)

[Sociology](#)

**Interdisciplinary**

[General Studies Major](#)

[Integrated Studies Major](#)

Interdisciplinary Courses

[Professional Studies Major](#)

[Student-Designed Major](#)

[University Scholars Program](#)

[Women's Studies\\*](#)

Need to know when a course is being offered? Check the [2011-12 Time Schedule](#).

## BIOLOGY

Science Building  
206-281-2351  
[spu.edu/depts/biology](http://spu.edu/depts/biology)

**FACULTY:** [Janet Bester-Meredith](#), [Cindy Bishop](#), [Bruce Congdon](#), [Ryan Ferrer](#), [Cindy Fitch](#), [Eric Long](#), [Tim Nelson](#), [Charlotte Pratt](#), [Rick Ridgway](#), [Cara Wall-Scheffler](#), [Derek Wood](#)

The primary goals of the Department of Biology:

- Cultivate students who understand and respect scientific approaches to the study of life.
- Produce graduates who demonstrate excellence in their scientific training.
- Prepare graduates to think critically, to communicate biological principles effectively, and to make informed decisions based on a solid understanding of science and their Christian worldview.
- Embolden faculty and students to lead lives of grace-filled wholeness, and personal and professional integrity.

### Admission to the Majors

The application for major status should be made by the beginning of the junior year, after completion of the sequence in general biology. Transfer students are eligible to apply after successful completion of one 5-credit upper-division biology course at SPU.

Applications are considered individually by the biology faculty, but the normal minimum requirement for admission will be a GPA of 2.5 in biology courses. A student must complete the major requirements in effect when the student is admitted to the major.

### Admission to the Minor

Applications for a minor in biology are considered individually by the biology faculty, but the normal minimum requirement for admission to the minor will be a GPA of 2.0 in biology courses. A student must complete the minor requirements in effect when the student is admitted to the minor.

### Description of Majors

The Department of Biology offers a total of six different majors, including B.S. degrees in biology, cellular and molecular biology, ecology, physiology, and applied human sciences and a B.A. degree in biology.

The requirements for each major are described below and in the summary tables linked on the left. Students wishing to "double major" in any combination of the above fields must complete at least 20 credits' worth of work that is unique to each additional major.

### B.S. in Biology

*104 credits; 35 upper-division in biology*

This major provides preparation for graduate studies or professional careers in biology. It places special emphasis on undergraduate research. Depending upon interests and professional goals, a student may choose the core and elective coursework to emphasize botany, cellular and molecular biology, ecology, marine biology, physiology, or zoology.

In addition to the core and supporting requirements indicated below, 14 credits of biology elective courses are also required. Elective courses should be discussed with biology faculty advisors. General physics is also strongly recommended.

As a part of either core requirements or electives, students are required to take a minimum of 3 credits of field biology, taught primarily in the field and emphasizing field methods. Seattle Pacific field biology courses are listed within the major requirements found through the link below.

Similarly, as part of either the core requirements or electives a student is required to take at least one botany course (generally chosen from BIO 3453, 4415, or 4744). An undergraduate research project is required for graduation. Each student will collaborate with a faculty member on an investigation that requires a formal proposal (BIO 4978 Biological Research Proposal), and original research and presentation of results (BIO 4979). No more than 6 credits of courses numbered from BIO 4900 through 4999 may be applied to this major. [Requirements for the B.S. in Biology](#)

### **B.S. in Ecology**

*105 credits, 40 upper-division*

This program is intended for students interested in ecology and related larger-scale sub-disciplines of biology, including marine biology, forestry, fisheries, agriculture, behavioral ecology, wildlife management, etc. Students in this track will most likely be considering attending graduate school or working as a biologist after graduation. Elective courses should be discussed with biology faculty advisors.

Students interested in graduate school should consult with their advisor as to whether coursework beyond degree requirements (e.g., physics, cell biology, etc.) would be appropriate. BIO 4950 Special Topics in Biology may be used to meet certain stated requirements if the topic is determined to be appropriate by the Department of Biology in advance. For example, BIO 4950 Introduction to GIS can substitute for a quantitative supporting course. As a part of either core requirements or electives, students are required to take a minimum of 3 credits of field biology, taught primarily in the field and emphasizing field methods.

Seattle Pacific field biology courses are listed within the major requirements found through the link below. An undergraduate research project is required for graduation. Each student will collaborate with a faculty member on an investigation that requires a formal proposal (BIO 4978 Biological Research Proposal), and original research and presentation of results (BIO 4979). No more than 6 credits of courses numbered from BIO 4900 through 4999 may be applied to this major. [Requirements for the B.S. in Ecology](#)

### **B.S. in Physiology**

*105-107 credits; 35 upper-division in biology*

The program is intended for students with an interest in physiology, and thus provides a sound foundation for [pre-professional training](#) for medicine, dentistry, optometry, pharmacy, veterinary medicine, as well as certain other health-related and applied-biology fields. Some students interested in pursuing graduate education in physiology may also choose this major.

Students interested in professional health-science training or graduate school should consult with their advisor as early as possible to determine what other courses in chemistry, physics, and mathematics should be taken to meet the demand of the student's individual plans or career goals.

All students in this track must either take one of the specified courses in ethics or complete an undergraduate research project. The course in ethics is strongly recommended for students interested in medical school or other professional health-science training, while the research project is essential for students interested in graduate school. No more than 6 credits of courses numbered from BIO 4900 through 4999 may be applied to this major. [Requirements for the B.S. in Physiology](#)

### **B.S. in Cellular and Molecular Biology**

*108 credits; 26–28 upper-division in biology*

This program is intended for students interested in cellular and molecular biology. Students in this track will most likely be considering attending graduate school or working as a biologist after graduation. Elective courses should be discussed with biology faculty advisors.

Students interested in graduate school should consult with their advisor as to whether coursework beyond degree requirements (e.g., physics) would be appropriate. Each student will collaborate with a faculty member on an investigation that requires a formal proposal (BIO 4978 Biological Research Proposal), and original research and presentation of results (BIO 4979). No more than 6 credits of courses numbered from BIO 4900 through 4999 may be applied to this major. [Requirements for the B.S. in Cellular and Molecular Biology](#)

### **B.S. in Applied Human Biology**

*108 credits; 23 upper-division*

This program is designed primarily for those students planning to enter a doctoral degree program in physical therapy.

This interdisciplinary curriculum will satisfy the basic requirements for entry into physical therapy as outlined by the [American Association of Physical Therapists](#). BIO 3899 is recommended, but not required for this degree. No more than 6 credits of courses numbered from BIO 4900 through 4999 may be applied to this major. [Requirements for the B.S. in Applied Human Biology](#)

### **B.A. in Biology**

*81 credits; 30 upper-division in biology*

This program is designed to provide a broad foundation in biology for liberal arts students and those preparing for the teaching profession at the junior high school or secondary level.

Students preparing for biology teaching careers should become familiar with Washington state endorsement requirements prior to selecting core and elective options.

No more than 6 credits of courses numbered from BIO 4900 through 4999 may be applied to this major. [Requirements for the B.A. in Biology](#)

### Secondary Teacher Certification

Students seeking secondary (junior or senior high school) certification should pursue one of the majors in Biology.

### Requirements for Secondary Certification

#### Integrated Studies Major with a concentration in Natural Sciences (For students seeking K-8 certification)

Students who are planning to obtain elementary school certification and are interested in biology must major in the [integrated studies major](#) with a concentration in natural sciences.

- The concentration consists of courses in biology, physics, and chemistry.
- [Application \(PDF\)](#) to this major is through the advisor for the natural sciences concentration, Dr. Eleanor Close ([closee@spu.edu](mailto:closee@spu.edu)).
- Further information on the [elementary certification program](#) is available in the [School of Education](#) section of the *Undergraduate Catalog*.

### Requirements for Integrated Studies: Natural Sciences concentration

### Requirements for Elementary Certification

### Blakely Island Field Station

For information about the program at Blakely Island Field Station, see [Special Studies in Academic Programs](#).

### Courses offered at Blakely Island Field Station

BIO 1100 Biological Science (5)  
BIO 4117 Birds of the Pacific Northwest (5)  
BIO 4256 Environmental Physiology (5)  
BIO 4735 Marine Biology (5)  
BIO 4740 Marine Invertebrate Zoology (5)  
BIO 4744 Marine Botany (5)  
BIO 4810 Marine Ecology (5)  
BIO 4815 Aquatic Ecology (5)  
BIO 4825 Forest Ecology (5)  
BIO 4835 Conservation Biology (5)  
BIO 4880 Blakely Field Studies (1-5)

### BA IN BIOLOGY

81 Credits Minimum, Including 30 Upper Division (UD)

#### Suggested Course Sequence

General Core Requirements	
Course	Credits
BIO 1859 <a href="#">Biology Cornerstone Seminar</a>	1
BIO 2101 <a href="#">General Biology</a> (5)	15
BIO 2102 <a href="#">General Biology</a> (5)	
BIO 2103 <a href="#">General Biology</a> (5)	
BIO 3325 <a href="#">Genetics</a>	5

BIO 4330 <a href="#">Evolutionary Mechanisms</a>	5
BIO 4256 <a href="#">Environmental Physiology</a> (5) BIO 4413 <a href="#">Animal Physiology</a> (5) BIO 4415 <a href="#">Plant Physiology</a> (5)	5
BIO 3000 <a href="#">Intro Biological Anthropology</a> (5) BIO 3320 <a href="#">Principles of Development</a> (5) BIO 3432 <a href="#">Biodiversity:Vertebrate Biology</a> (5) BIO 3453 <a href="#">Biodiversity:Plant Ident &amp; Tax</a> (5) BIO 3456 <a href="#">Mycology</a> (5) BIO 4435 <a href="#">Biodiversity:Parasites &amp; Pests</a> (5) BIO 4740 <a href="#">Marine Invertebrate Zoology</a> (5) BIO 4744 <a href="#">Marine Botany</a> (5)	5
BIO 3310 <a href="#">Ecology</a> (5) BIO 4810 <a href="#">Marine Ecology</a> (5) BIO 4815 <a href="#">Aquatic Ecology</a> (5) BIO 4825 <a href="#">Forest Ecology</a> (5)	5
BIO 4615 <a href="#">Issues &amp; Values in Biology</a>	3
BIO 4899 <a href="#">Natural Sciences Seminar</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>46</b>
<b>Required Supporting Courses</b>	
<b>Course</b>	<b>Credits</b>
CHM 1211 <a href="#">General Chemistry I</a> (5) CHM 1212 <a href="#">General Chemistry II</a> (5)	10
CHM 1330 <a href="#">Organic &amp; Biological Chemistry</a> OR CHM 3371 <a href="#">Organic Chemistry I</a> (5) CHM 3372 <a href="#">Organic Chemistry II</a> (5)	5  10
MAT 1360 <a href="#">Introduction to Statistics</a> (5) HSC 4044 <a href="#">Biomed Tests, Measrmts &amp; Stats</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>20</b>
<b>Botany Requirement (may be met in General Core or elec.)</b>	
<b>Course</b>	<b>Credits</b>
BIO 3453 <a href="#">Biodiversity:Plant Ident &amp; Tax</a> (5) BIO 4415 <a href="#">Plant Physiology</a> (5) BIO 4744 <a href="#">Marine Botany</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Electives in Biology Courses</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>81</b>

### BS IN APPLIED HUMAN BIOLOGY

108 Credits Minimum, Including 23 Upper Division (UD)

#### [Suggested Course Sequence](#)

##### General Core Requirements

Course	Credits
BIO 1859 <a href="#">Biology Cornerstone Seminar</a>	1
BIO 2101 <a href="#">General Biology</a> (5) BIO 2102 <a href="#">General Biology</a> (5) BIO 2103 <a href="#">General Biology</a> (5)	15



BIO 2129 <a href="#">Human Anatomy &amp; Physiology</a> (5)	10
BIO 2130 <a href="#">Human Anatomy &amp; Physiology</a> (5)	
BIO 3351 <a href="#">General Microbiology</a>	5
BIO 4899 <a href="#">Natural Sciences Seminar</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>33</b>
<b>Required Supporting Courses</b>	
<b>Course</b>	<b>Credits</b>
CHM 1211 <a href="#">General Chemistry I</a> (5)	10
CHM 1212 <a href="#">General Chemistry II</a> (5)	
CHM 1330 <a href="#">Organic &amp; Biological Chemistry</a>	5
CHM 2540 <a href="#">Introductory Inorganic Chemistry</a>	5
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	5
HSC 4044 <a href="#">Biomed Tests, Measurements &amp; Stats</a> (5)	
PHY 1101 <a href="#">General Physics</a> (5)	15
PHY 1102 <a href="#">General Physics</a> (5)	
PHY 1103 <a href="#">General Physics</a> (5)	
OR	
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a> (5)	15
PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PSY 1180 <a href="#">Gen Psych: Individual in Growth</a>	5
PSY 2470 <a href="#">Life Span Developmental Psych</a> (5)	5
PSY 4420 <a href="#">Adolescent Developmental Psych</a> (5)	
PSY 4460 <a href="#">Abnormal Psychology</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>55</b>
<b>Choose 10 credits from the following</b>	
<b>Course</b>	<b>Credits</b>
PES 3570 <a href="#">Biomechanics</a>	5
FCS 3340 <a href="#">Human Nutrition</a>	5
PES 1301 <a href="#">Wellness and Physical Activity</a> (3)	8
PES 3580 <a href="#">Exercise Physiology</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Electives in Biology Courses</b>	
<b>Course</b>	<b>Credits</b>
BIO 3000 <a href="#">Intro Biological Anthropology</a>	5
OR	
BIO 3320 <a href="#">Principles of Development</a>	5
OR	
BIO 3325 <a href="#">Genetics</a>	5
OR	
BIO 3432 <a href="#">Biodiversity: Vertebrate Biology</a>	5
OR	
BIO 3434 <a href="#">Animal Behavior</a>	5
OR	
BIO 4256 <a href="#">Environmental Physiology</a>	5
OR	

BIO 4413 <a href="#">Animal Physiology</a>	5
OR	
BIO 4418 <a href="#">Neurobiology</a>	5
OR	
BIO 4420 <a href="#">Histology &amp; Microscopic Tech</a>	5
OR	
BIO 4435 <a href="#">Biodiversity:Parasites &amp; Pests</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>108</b>

## BS IN BIOLOGY

104 Credits Minimum, Including 35 Upper Division (UD)

### Suggested Course Sequence

<b>General Core Requirements</b>	
<b>Course</b>	<b>Credits</b>
BIO 1859 <a href="#">Biology Cornerstone Seminar</a>	1
BIO 2101 <a href="#">General Biology</a> (5)	15
BIO 2102 <a href="#">General Biology</a> (5)	
BIO 2103 <a href="#">General Biology</a> (5)	
BIO 3325 <a href="#">Genetics</a>	5
BIO 3899 <a href="#">Scientific Literature</a>	1
BIO 4352 <a href="#">Cell Biology</a>	5
BIO 4330 <a href="#">Evolutionary Mechanisms</a>	5
BIO 4413 <a href="#">Animal Physiology</a> (5)	5
BIO 4415 <a href="#">Plant Physiology</a> (5)	
BIO 4256 <a href="#">Environmental Physiology</a> (5)	
BIO 4978 <a href="#">Biological Research Proposal</a>	1
BIO 4979 <a href="#">Biological Research</a>	2
BIO 4899 <a href="#">Natural Sciences Seminar</a>	2
BIO 3310 <a href="#">Ecology</a> (5)	5
BIO 4810 <a href="#">Marine Ecology</a> (5)	
BIO 4815 <a href="#">Aquatic Ecology</a> (5)	
BIO 4825 <a href="#">Forest Ecology</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>47</b>

### **Five credits from the following courses:**

<b>Course</b>	<b>Credits</b>
BIO 3000 <a href="#">Intro Biological Anthropology</a>	5
OR	
BIO 3320 <a href="#">Principles of Development</a>	5
OR	
BIO 3432 <a href="#">Biodiversity:Vertebrate Biolgy</a>	5
OR	
BIO 3453 <a href="#">Biodiversity:Plant Ident &amp; Tax</a>	5
OR	
BIO 3456 <a href="#">Mycology</a>	3
OR	

BIO 4435 <a href="#">Biodiversity:Parasites &amp; Pests</a>	5
OR	
BIO 4740 <a href="#">Marine Invertebrate Zoology</a>	5
OR	
BIO 4744 <a href="#">Marine Botany</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Required Supporting Courses</b>	
<b>Course</b>	<b>Credits</b>
CHM 1211 <a href="#">General Chemistry I</a> (5)	10
CHM 1212 <a href="#">General Chemistry II</a> (5)	
CHM 3371 <a href="#">Organic Chemistry I</a> (5)	15
CHM 3372 <a href="#">Organic Chemistry II</a> (5)	
CHM 3373 <a href="#">Organic Chemistry III</a> (5)	
CHM 2540 <a href="#">Introductory Inorganic Chemistry</a> (5)	5
CHM 3225 <a href="#">Chemical Equilibrium &amp; Analysis</a> (5)	
BIO 4360 <a href="#">Biostatistics</a> (5)	
MAT 1221 <a href="#">Survey of Calculus</a>	5
OR	
MAT 1234 <a href="#">Calculus I</a> (5)	10
MAT 1235 <a href="#">Calculus II</a> (5)	
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	5
HSC 4044 <a href="#">Biomed Tests, Measurements &amp; Stats</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>40</b>
<b>Field Bio Requirement (may be met in General Core or elec.)</b>	
<b>Course</b>	<b>Credits</b>
BIO 3301 <a href="#">Tropical Biology</a> (3-5)	3
BIO 4117 <a href="#">Birds of the Pacific Northwest</a> (5)	
BIO 4735 <a href="#">Marine Biology</a> (5)	
BIO 4740 <a href="#">Marine Invertebrate Zoology</a> (5)	
BIO 4810 <a href="#">Marine Ecology</a> (5)	
BIO 4815 <a href="#">Aquatic Ecology</a> (5)	
BIO 4820 <a href="#">Ecomorphology</a> (5)	
BIO 4825 <a href="#">Forest Ecology</a> (5)	
BIO 4830 <a href="#">Ecological Restoration Workshop</a> (2)	
BIO 4835 <a href="#">Conservation Biology</a> (5)	
BIO 4880 <a href="#">Blakely Field Studies</a> (1-5)	
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Botany Requirement (may be met in General Core or elec.)</b>	
<b>Course</b>	<b>Credits</b>
BIO 3453 <a href="#">Biodiversity:Plant Ident &amp; Tax</a> (5)	5
BIO 4415 <a href="#">Plant Physiology</a> (5)	
BIO 4744 <a href="#">Marine Botany</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>UD BIO Electives-incl 5cr w/ substantial lab/field component</b>	<b>12</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>104</b>

**BS IN CELLULAR AND MOLECULAR BIOLOGY**  
 108 Credits Minimum, Including 26 Upper Division (UD)

Suggested Course Sequence

**General Core Requirements**

Course	Credits
BIO 1859 <u>Biology Cornerstone Seminar</u>	1
BIO 2101 <u>General Biology</u> (5) BIO 2102 <u>General Biology</u> (5) BIO 2103 <u>General Biology</u> (5)	15
BIO 2600 <u>Biotechnology Seminar</u>	1
BIO 3325 <u>Genetics</u>	5
BIO 3350 <u>Immunology</u>	3
BIO 3899 <u>Scientific Literature</u>	1
BIO 3351 <u>General Microbiology</u> (5) BIO 4340 <u>Advanced Microbiology</u> (5)	5
BIO 4325 <u>Molecular Biology</u>	5
BIO 4352 <u>Cell Biology</u>	5
BIO 4413 <u>Animal Physiology</u> (5) BIO 4415 <u>Plant Physiology</u> (5) BIO 4418 <u>Neurobiology</u> (5) BIO 4256 <u>Environmental Physiology</u> (5)	5
BIO 4361 <u>Biochemistry</u> (5) BIO 4362 <u>Biochemistry</u> (5)	10
BIO 4615 <u>Issues &amp; Values in Biology</u>	3
BIO 4940 <u>Internship in Biology</u>	3
BIO 4899 <u>Natural Sciences Seminar</u>	2
<b>SECTION CREDITS REQUIRED</b>	<b>64</b>

**Required Supporting Courses**

Course	Credits
CHM 1211 <u>General Chemistry I</u> (5) CHM 1212 <u>General Chemistry II</u> (5)	10
CHM 3371 <u>Organic Chemistry I</u> (5) CHM 3372 <u>Organic Chemistry II</u> (5) CHM 3373 <u>Organic Chemistry III</u> (5)	15
CHM 3225 <u>Chemical Equilibrium &amp; Analytcs</u>	5
MAT 1221 <u>Survey of Calculus</u>	5
OR	
MAT 1234 <u>Calculus I</u> (5) MAT 1235 <u>Calculus II</u> (5)	10
MAT 1360 <u>Introduction to Statistics</u> (5) HSC 4044 <u>Biomed Tests, Measrmts &amp; Stats</u> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>40</b>
<b>Required from Shoreline CC: BIOL 249 (4)</b>	<b>4</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>108</b>

**BS IN ECOLOGY**

105 Credits Minimum, Including 40 Upper Division (UD)

Suggested Course Sequence**General Core Requirements**

Course	Credits
BIO 1859 <a href="#">Biology Cornerstone Seminar</a>	1
BIO 2101 <a href="#">General Biology</a> (5) BIO 2102 <a href="#">General Biology</a> (5) BIO 2103 <a href="#">General Biology</a> (5)	15
BIO 3310 <a href="#">Ecology</a>	5
BIO 3325 <a href="#">Genetics</a>	5
BIO 3453 <a href="#">Biodiversity:Plant Ident &amp; Tax</a>	5
BIO 3899 <a href="#">Scientific Literature</a>	1
BIO 4256 <a href="#">Environmental Physiology</a> (5) BIO 4413 <a href="#">Animal Physiology</a> (5) BIO 4415 <a href="#">Plant Physiology</a> (5)	5
BIO 4330 <a href="#">Evolutionary Mechanisms</a>	5
BIO 4360 <a href="#">Biostatistics</a>	5
BIO 4810 <a href="#">Marine Ecology</a> (5) BIO 4815 <a href="#">Aquatic Ecology</a> (5) BIO 4825 <a href="#">Forest Ecology</a> (5) BIO 4835 <a href="#">Conservation Biology</a> (5)	5
BIO 4978 <a href="#">Biological Research Proposal</a>	1
BIO 4979 <a href="#">Biological Research</a>	2
BIO 4899 <a href="#">Natural Sciences Seminar</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>57</b>

**Supporting Courses**

Course	Credits
CHM 1211 <a href="#">General Chemistry I</a> (5) CHM 1212 <a href="#">General Chemistry II</a> (5)	10
CHM 1330 <a href="#">Organic &amp; Biological Chemistry</a> (5) CHM 3371 <a href="#">Organic Chemistry I</a> (5) CHM 3372 <a href="#">Organic Chemistry II</a> (5)	5
MAT 1360 <a href="#">Introduction to Statistics</a>	5
MAT 1221 <a href="#">Survey of Calculus</a> (5) MAT 1234 <a href="#">Calculus I</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>25</b>

**Two of the following:**

Course	Credits
MAT 1235 <a href="#">Calculus II</a> (5) MAT 1236 <a href="#">Calculus III</a> (5) CHM 2540 <a href="#">Introductory Inorganic Chemistry</a> (5) CHM 3372 <a href="#">Organic Chemistry II</a> (5) CHM 3373 <a href="#">Organic Chemistry III</a> (5) CSC 1230 <a href="#">Problem Solving &amp; Programming</a> (5) CSC 2430 <a href="#">Data Structures I</a> (5) CSC 2431 <a href="#">Data Structures II</a> (5) PHY 1101 <a href="#">General Physics</a> (5) PHY 1102 <a href="#">General Physics</a> (5)	10

PHY 1103 <a href="#">General Physics</a> (5)	
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 1145 <a href="#">Oceanography</a> (5)	
PHY 1150 <a href="#">Introduction to Geology</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Restricted Electives</b>	
<b>Course</b>	<b>Credits</b>
BIO 3000 <a href="#">Intro Biological Anthropology</a> (5)	
BIO 3432 <a href="#">Biodiversity:Vertebrate Biology</a> (5)	
BIO 3434 <a href="#">Animal Behavior</a> (5)	
BIO 3456 <a href="#">Mycology</a> (3)	
BIO 3899 <a href="#">Scientific Literature</a> (1)	
BIO 4117 <a href="#">Birds of the Pacific Northwest</a> (5)	
BIO 4256 <a href="#">Environmental Physiology</a> (5)	
BIO 4735 <a href="#">Marine Biology</a> (5)	
BIO 4740 <a href="#">Marine Invertebrate Zoology</a> (5)	
BIO 4744 <a href="#">Marine Botany</a> (5)	13
BIO 4810 <a href="#">Marine Ecology</a> (5)	
BIO 4815 <a href="#">Aquatic Ecology</a> (5)	
BIO 4820 <a href="#">Ecomorphology</a> (5)	
BIO 4825 <a href="#">Forest Ecology</a> (5)	
BIO 4830 <a href="#">Ecological Restoration Workshp</a> (2)	
BIO 4835 <a href="#">Conservation Biology</a> (5)	
BIO 4880 <a href="#">Blakely Field Studies</a> (1)	
BIO 4979 <a href="#">Biological Research</a> (1-4)	
<b>SECTION CREDITS REQUIRED</b>	<b>13</b>
<b>Field Bio Requirement (may be met in General Core or elec.)</b>	
<b>Course</b>	<b>Credits</b>
BIO 3301 <a href="#">Tropical Biology</a> (3-5)	
BIO 4117 <a href="#">Birds of the Pacific Northwest</a> (5)	
BIO 4735 <a href="#">Marine Biology</a> (5)	
BIO 4740 <a href="#">Marine Invertebrate Zoology</a> (5)	
BIO 4810 <a href="#">Marine Ecology</a> (5)	
BIO 4815 <a href="#">Aquatic Ecology</a> (5)	3
BIO 4820 <a href="#">Ecomorphology</a> (5)	
BIO 4825 <a href="#">Forest Ecology</a> (5)	
BIO 4830 <a href="#">Ecological Restoration Workshop</a> (2)	
BIO 4835 <a href="#">Conservation Biology</a> (5)	
BIO 4880 <a href="#">Blakely Field Studies</a> (1-5)	
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>105</b>

## BS IN PHYSIOLOGY

105 Credits Minimum, Including 35 Upper Division (UD)

### [Suggested Course Sequence](#)

#### General Core Requirements

Course	Credits
BIO 1859 <a href="#">Biology Cornerstone Seminar</a>	1
BIO 2101 <a href="#">General Biology</a> (5)	
BIO 2102 <a href="#">General Biology</a> (5)	15
BIO 2103 <a href="#">General Biology</a> (5)	
BIO 3325 <a href="#">Genetics</a>	5

BIO 3899 <a href="#">Scientific Literature</a>	1
BIO 4352 <a href="#">Cell Biology</a>	5
BIO 4899 <a href="#">Natural Sciences Seminar</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>29</b>
<b>Physiology Core. Select 15 credits from the following:</b>	
<b>Course</b>	<b>Credits</b>
BIO 2129 <a href="#">Human Anatomy &amp; Physiology</a> (5)	15
BIO 2130 <a href="#">Human Anatomy &amp; Physiology</a> (5)	
BIO 4256 <a href="#">Environmental Physiology</a> (5)	
BIO 4413 <a href="#">Animal Physiology</a> (5)	
BIO 4415 <a href="#">Plant Physiology</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Mol/Cel/Micro Core. Select 13-15 credits from the following:</b>	
<b>Course</b>	<b>Credits</b>
BIO 3320 <a href="#">Principles of Development</a> (5)	13
BIO 3350 <a href="#">Immunology</a> (3)	
BIO 3351 <a href="#">General Microbiology</a> (5)	
BIO 4325 <a href="#">Molecular Biology</a> (5)	
BIO 4361 <a href="#">Biochemistry</a> (5)	
BIO 4362 <a href="#">Biochemistry</a> (5)	
BIO 4418 <a href="#">Neurobiology</a> (5)	
BIO 4420 <a href="#">Histology &amp; Microscopic Tech</a> (5)	
BIO 4435 <a href="#">Biodiversity:Parasites &amp; Pests</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>13</b>
<b>Ecology and Evolution Core - Select 5 credits from below</b>	
<b>Course</b>	<b>Credits</b>
BIO 3000 <a href="#">Intro Biological Anthropology</a> (5)	5
BIO 3301 <a href="#">Tropical Biology</a> (3-5)	
BIO 3310 <a href="#">Ecology</a> (5)	
BIO 3432 <a href="#">Biodiversity:Vertebrate Biolgy</a> (5)	
BIO 3434 <a href="#">Animal Behavior</a> (5)	
BIO 3453 <a href="#">Biodiversity:Plant Ident &amp; Tax</a> (5)	
BIO 3456 <a href="#">Mycology</a> (3)	
BIO 4117 <a href="#">Birds of the Pacific Northwest</a> (5)	
BIO 4330 <a href="#">Evolutionary Mechanisms</a> (5)	
BIO 4735 <a href="#">Marine Biology</a> (5)	
BIO 4740 <a href="#">Marine Invertebrate Zoology</a> (5)	
BIO 4744 <a href="#">Marine Botany</a> (5)	
BIO 4810 <a href="#">Marine Ecology</a> (5)	
BIO 4815 <a href="#">Aquatic Ecology</a> (5)	
BIO 4820 <a href="#">Ecomorphology</a> (5)	
BIO 4825 <a href="#">Forest Ecology</a> (5)	
BIO 4830 <a href="#">Ecological Restoration Workshp</a> (2)	
BIO 4835 <a href="#">Conservation Biology</a> (5)	
BIO 4880 <a href="#">Blakely Field Studies</a> (1-5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Ethics, Health Sciences or Research - Select 3 credits below</b>	
<b>Course</b>	<b>Credits</b>
BIO 4615 <a href="#">Issues &amp; Values in Biology</a>	3
OR	
HSC 3395 <a href="#">Health Care Delivery Systems</a>	3
OR	

HSC 3000 <a href="#">Issues in Women's Health</a>	3
OR	
WST 3000 <a href="#">Issues in Women's Health</a>	3
OR	
PHI 2222 <a href="#">Social Ethics</a>	3
OR	
BIO 4978 <a href="#">Biological Research Proposal</a> (1)	3
BIO 4979 <a href="#">Biological Research</a> (2)	
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Required Supporting Courses</b>	
<b>Course</b>	<b>Credits</b>
CHM 1211 <a href="#">General Chemistry I</a> (5)	10
CHM 1212 <a href="#">General Chemistry II</a> (5)	
CHM 2540 <a href="#">Introductory Inorganic Chemistry</a>	5
CHM 3371 <a href="#">Organic Chemistry I</a> (5)	15
CHM 3372 <a href="#">Organic Chemistry II</a> (5)	
CHM 3373 <a href="#">Organic Chemistry III</a> (5)	
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	5
HSC 4044 <a href="#">Biomed Tests, Measrmts &amp; Stats</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>35</b>
<b>Required Math. Select 5 credits from the following:</b>	
<b>Course</b>	<b>Credits</b>
MAT 1221 <a href="#">Survey of Calculus</a>	5
OR	
BIO 4360 <a href="#">Biostatistics</a>	5
OR	
MAT 1234 <a href="#">Calculus I</a> (5)	10
MAT 1235 <a href="#">Calculus II</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Recommended Courses</b>	
<b>Course</b>	<b>Credits</b>
PHY 1101 <a href="#">General Physics</a> (5)	15
PHY 1102 <a href="#">General Physics</a> (5)	
PHY 1103 <a href="#">General Physics</a> (5)	
OR	
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a> (5)	15
PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>0</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>105</b>

#### BIOLOGY MINOR

34 Credits Minimum, Including 15 Upper Division (UD)

#### Biology Minor Core

Course	Credits
BIO 2101 <a href="#">General Biology</a>	5



BIO 2102 <a href="#">General Biology</a>	5
BIO 2103 <a href="#">General Biology</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Upper-division BIO course, including lab. or field exp.</b>	<b>5</b>
<b>10 upper-division BIO credits</b>	<b>10</b>
<b>4 upper- or lower-division BIO credits</b>	<b>4</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>34</b>

**COURSE DESCRIPTIONS:**

[BIO 1100](#) | [BIO 1859](#) | [BIO 2101](#) | [BIO 2102](#) | [BIO 2103](#) | [BIO 2129](#) | [BIO 2130](#) | [BIO 2569](#) | [BIO 2570](#) | [BIO 2979](#) | [BIO 3000](#) | [BIO 3301](#) | [BIO 3310](#) | [BIO 3320](#) | [BIO 3325](#) | [BIO 3350](#) | [BIO 3351](#) | [BIO 3432](#) | [BIO 3434](#) | [BIO 3453](#) | [BIO 3456](#) | [BIO 3899](#) | [BIO 4117](#) | [BIO 4256](#) | [BIO 4325](#) | [BIO 4330](#) | [BIO 4340](#) | [BIO 4352](#) | [BIO 4360](#) | [BIO 4361](#) | [BIO 4362](#) | [BIO 4363](#) | [BIO 4413](#) | [BIO 4415](#) | [BIO 4418](#) | [BIO 4420](#) | [BIO 4435](#) | [BIO 4615](#) | [BIO 4735](#) | [BIO 4740](#) | [BIO 4744](#) | [BIO 4810](#) | [BIO 4815](#) | [BIO 4825](#) | [BIO 4830](#) | [BIO 4835](#) | [BIO 4840](#) | [BIO 4880](#) | [BIO 4899](#) | [BIO 4900](#) | [BIO 4917](#) | [BIO 4918](#) | [BIO 4930](#) | [BIO 4940](#) | [BIO 4950](#) | [BIO 4970](#) | [BIO 4978](#) | [BIO 4979](#) | [BIO 4982](#) | [VIEW ALL](#)

<b>BIO 1100: Bio Sci:Tropcl Bio/Coral Reef (5) <a href="#">Offerings</a></b>
<b>BIO 1100: Bio Science: (5) <a href="#">Offerings</a></b>
<b>BIO 1100: Bio Science: Animal Biology (5) <a href="#">Offerings</a></b>
<b>BIO 1100: Bio Science: Biology of Birds (5) <a href="#">Offerings</a></b>
<b>BIO 1100: Bio Science: Human Biology (5) <a href="#">Offerings</a></b>
<b>BIO 1100: Bio Science: Marine Biology (5) <a href="#">Offerings</a></b>

Intended for non-biology majors. Emphasis varies quarterly: human nutrition, animal biology, environmental biology, biological diversity, marine biology, and others. Basic concepts include the chemistry of living things, their structure and function, and their interactions with the environment. Applications to current issues are considered from a Christian perspective. No credit will be given for students who have taken BIO 2101, 2102, 2103, 2129, 2130, or who have advanced placement biology credit. Also offered at Blakely Island Field Station and as a study tour.

Attributes: *Natural Science A*

**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 developing critical thinking skills in research design and in the application of the scientific method. This seminar provides an introduction to biological research being conducted at Seattle Pacific University and investigates the role of Christian faith in scientific discovery.

**BIO 2101: General Biology (5) [Offerings](#)**

**BIO 2101: General Biology-Lab (0) [Offerings](#)**

Prerequisite: CHM 1100 or 1211 or score of 30 or higher on the Chemistry Placement Exam. 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: *Natural Science A*

**BIO 2102: General Biology (5) [Offerings](#)**

**BIO 2102: General Biology-Lab (0) [Offerings](#)**

Prerequisite: BIO 2101 or permission of instructor. Intended for students majoring in biology. Surveys animal classification, structure, function, development, and behavior. Includes laboratory. Extra fee.

Attributes: *Natural Science A*

**BIO 2103: General Biology (5) [Offerings](#)**

**BIO 2103: General Biology-Field Experience (0) [Offerings](#)**

**BIO 2103: General Biology-Lab (0) [Offerings](#)**

Prerequisite: BIO 2101 or permission of instructor. 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: *Natural Science A*

**BIO 2129: Human Anatomy & Physiol-Lab (0) [Offerings](#)**

**BIO 2129: Human Anatomy & Physiology (5) [Offerings](#)**

Prerequisite: CHM 1100 or 1211 or score of 30 or higher on the Chemistry Placement Exam. Studies the structure and function of the human organism. Includes cells and tissues, skeletal, integumentary, muscular, and nervous systems. Includes laboratory. Extra fee.

Attributes: *Natural Science A*

**BIO 2130: Human Anatomy & Physiol-Lab (0) [Offerings](#)**

**BIO 2130: Human Anatomy & Physiology (5) [Offerings](#)**

Prerequisite: BIO 2129. Studies the structure and function of the human organism. Emphasizes the circulatory, immune, respiratory, digestive, endocrine, renal, and reproductive systems. Includes laboratory. Extra fee.

Attributes: *Natural Science A*

**BIO 2569: Introduction to Biology I (3) [Offerings](#)**

**BIO 2569: Introduction to Biology I-Lab (0) [Offerings](#)**

Prerequisites: PHY 2567 or CHM 1100 or (CHM 1211 or a score of 30 or above on the Chemistry Placement Test). Intended for students majoring in Integrated Studies. Surveys scientific method, chemistry of living organisms, organization of cells, foundations of genetics and molecular biology, and physiology. Includes laboratory. Extra fee.

Attributes: *Natural Science A*

**BIO 2570: Introduction to Biology II (3) [Offerings](#)**

**BIO 2570: Introduction to Biology II-Lab (0) [Offerings](#)**

Prerequisite: BIO 2569. Intended for students majoring in Integrated Studies.

Surveys evolution, ecology, and diversity. Includes laboratory. Extra fee.

Attributes: *Natural Science A*

**BIO 2979: Intro 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 up to 2 credits.

**BIO 3000: Intro Biological Anthropology (5) [Offerings](#)**

Prerequisite: BIO 1100 or 2103 or 2567. 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.

Cross-listed Courses: *ANT 3000* Attributes: *Upper-Division*

**BIO 3301: Tropical Bio:Coral Reef Ecology (3-5) [Offerings](#)**

Prerequisite: BIO 2101 or 2567. This is a study tour course to a tropical location. The focus of the course may change from year to year. Recent courses have focused on Caribbean coral reef ecology and the natural history of the Galapagos Islands. May be repeated for credit 1 time.

Attributes: *Upper-Division*

**BIO 3310: Ecology (5) [Offerings](#)**

**BIO 3310: Ecology-Field Experience (0) [Offerings](#)**

**BIO 3310: Ecology-Lab (0) [Offerings](#)**

Prerequisites: (MAT 1360 and BIO 2101 and 2103), or BIO 2567. Explores the factors and mechanisms responsible for population dynamics, community structure, and the function of ecosystems. Includes laboratory.

Attributes: *Upper-Division, Writing "W" Course*

**BIO 3320: Principles of Development (5) [Offerings](#)**

**BIO 3320: Principles of Development-Lab (0) [Offerings](#)**

Prerequisites: BIO 2101 and 2102, or equivalent. Surveys principles of developmental biology in vertebrates and representative invertebrate models. Required laboratory is devoted to experimental and descriptive approaches to the study of development. Extra fee.

Attributes: *Upper-Division*

**BIO 3325: Genetics (5) [Offerings](#)**

**BIO 3325: Genetics-Lab (0) [Offerings](#)**

Prerequisites: BIO 2101, and MAT 1360 or HSC 4044, and student must be accepted into a major. Introduces inheritance of specific traits through the study of transmission genetics. Focuses on the biology of genes and chromosomes, including DNA replication, transcription, and translation. Biotechnology and its applications are also presented. Biological statistics are emphasized throughout the course. Includes laboratory. Extra fee.

Attributes: *Upper-Division* Restrictions: *Applied Human Biology, Biochemistry, Biology, Cellular and Molecular Biology, Chemistry, Ecology, Physiology Majors only.*

**BIO 3350: Immunology (3) [Offerings](#)**

Prerequisites: BIO 2101, or BIO 2129 and 2130. 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. No laboratory.

Attributes: *Upper-Division*

**BIO 3351: General Microbiology (5) [Offerings](#)**

**BIO 3351: General Microbiology-Lab (0) [Offerings](#)**

Prerequisite: BIO 2101, or (BIO 2129 and 2130), or BIO 2568. Gives an overview of the field of microbiology with an emphasis on the bacterial, viral and fungal organisms that cause disease in humans and animals. Required laboratory focuses on the appropriate handling, growth, and processing of microorganisms for clinical applications. Extra fee.

Attributes: *Upper-Division*

**BIO 3432: Biodiversity:Vertebrate Biolgy (5) [Offerings](#)**

Prerequisites: (BIO 2102 and 2103) or (BIO 2567 and 2568). Examines vertebrate life in an evolutionary context through the study of adaptations, comparative anatomy, paleontology, and natural history. Includes laboratory. Offered alternate years.

Attributes: *Upper-Division*

**BIO 3434: Animal Behavior (5) [Offerings](#)**

**BIO 3434: Animal Behavior-Lab (0) [Offerings](#)**

Prerequisites: BIO 2102 and 2103, or BIO 2568. 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. Offered alternate years.

Attributes: *Upper-Division, Writing "W" Course*

**BIO 3453: Biodiversity:Plant Ident & Tax (5) [Offerings](#)**

**BIO 3453: Biodvrsty:Plant Ident &Tax-Lab (0) [Offerings](#)**

Prerequisite: BIO 2103 or (BIO 2567 and 2568). Explores sampling, identification, and systematics of the major plant families with special emphasis on the flora of the Pacific Northwest. Includes laboratory/field studies. Offered alternate years.

Attributes: *Upper-Division*

**BIO 3456: Mycology (3) [Offerings](#)**

Prerequisite: (BIO 2101 and 2103) or (BIO 2567 and 2568). Considers the members of the Kingdom Fungi and some pseudofungal organisms. We will consider the taxonomy, identification, morphology, ultrastructure, ecology, environmental importance, and commercial value of fungi.

Attributes: *Upper-Division*

**BIO 3899: Scientific Literature (1) [Offerings](#)**

Prerequisites: BIO 2101, 2102 and 2103. The course will involve reading and discussing recent journal articles in a particular subdiscipline of biology. The focus of the course will change from quarter to quarter, depending on the interests of the professor and students. May be repeated for credit 2 times.

Attributes: *Upper-Division*

**BIO 4117: Birds of the Pacific Northwest (5) [Offerings](#)**

Prerequisite: BIO 2102 or (BIO 2567 and 2568). Study of birds common to the Puget Sound area and adjacent regions. Class activities include field observations, lectures, library research, and laboratory study. Offered alternate years; includes field trips to Blakely campus and other locales. Extra fee.

Attributes: *Upper-Division*

**BIO 4256: Environmental Physiology (5) [Offerings](#)**

Prerequisites: BIO 2102 and 2103. Studies organisms in relation to the physical factors of the environment. Examines physiological and biochemical aspects of adaptation. Includes laboratory. Offered alternate years.

Attributes: *Upper-Division, Writing "W" Course*

**BIO 4325: Molecular Biology (5) [Offerings](#)**

**BIO 4325: Molecular Biology-Lab (0) [Offerings](#)**

Prerequisites: BIO 2101, 3325. Explores gene regulation and expression in several organisms including bacteria, viruses, yeast, plants, and animals. Principles of molecular genetics and genetic engineering including gene mapping, DNA isolation and amplification, gene cloning, gel electrophoresis,

PCR, and sequencing. Advanced topics in molecular biological research will be presented. Includes intensive laboratory. Extra fee.

Attributes: *Upper-Division, Writing "W" Course*

**BIO 4330: Evolutionary Mechanisms (5)** [Offerings](#)

**BIO 4330: Evolutionary Mechanisms-Lab (0)** [Offerings](#)

Prerequisites: BIO 2103, 3325, and MAT 1360. 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.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Non-Matriculated are excluded.*

**BIO 4340: Advanced Microbiology (5)** [Offerings](#)

Prerequisite: BIO 2101 and (BIO 3325 or 4361). Broad coverage of advanced microbiology themes, including genomics, diversity, biochemistry, genetics, and ecology of microbial systems. Required laboratory focuses on independent student research projects using microbial model systems. Extra fee.

Attributes: *Upper-Division*

**BIO 4352: Cell Biology (5)** [Offerings](#)

**BIO 4352: Cell Biology-Lab (0)** [Offerings](#)

Prerequisites: BIO 3325 and CHM 3371. Examines structure and functions of bacteria, plants, and animals, emphasizing cellular specialization, organelle models, and chemical dynamics. Includes laboratory. Extra fee.

Cross-listed Courses: *EGR 4352* Attributes: *Upper-Division, Writing "W" Course*

**BIO 4360: Biostatistics (5)** [Offerings](#)

Prerequisite: MAT 1360. 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, Physiology Majors only.*

<b>BIO 4361: Biochemistry (5)</b> <a href="#">Offerings</a>
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<b>BIO 4361: Biochemistry-Lab (0)</b> <a href="#">Offerings</a>
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Prerequisite: CHM 3373. 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.

Cross-listed Courses: *CHM 4361* Attributes: *Upper-Division*

<b>BIO 4362: Biochemistry (5)</b> <a href="#">Offerings</a>
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<b>BIO 4362: Biochemistry-Lab (0)</b> <a href="#">Offerings</a>
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Prerequisite: BIO 4361. Continuation of BIO 4361. Studies chemical properties of biological compounds: carbohydrates, lipids, amino acids, proteins, and nucleic acids. Metabolism: biochemical energetics, enzymes, electron transport, and oxidative phosphorylation. Integration of metabolism: biochemical genetics, metabolic regulation. Includes laboratory. Extra fee.

Cross-listed Courses: *CHM 4362* Attributes: *Upper-Division*

<b>BIO 4363: Biochemistry (3)</b> <a href="#">Offerings</a>
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Prerequisite: BIO 4362 or permission of instructor. Explores selected topics including immunoglobulins and the immune system; bacterial cell walls; membrane transport; hormone action; control of expression; genetic code; muscle contraction; cell physiology; drug action; protein folding; HIV mechanisms; and mechanisms of infectious disease. Seminar format with leading researchers presenting current work. No laboratory.

Cross-listed Courses: CHM 4363 Attributes: Upper-Division

**BIO 4413: Animal Physiology (5) [Offerings](#)**

**BIO 4413: Animal Physiology-Lab (0) [Offerings](#)**

Prerequisites: (BIO 2101 and 2102) or (BIO 2129 and 2130), and (CHM 1330 or CHM 3372). Investigates the integrative physiology of invertebrate and vertebrate animals. The endocrine, neuromuscular, cardiovascular, respiratory, digestive and urogenital systems will be discussed. Includes laboratory. Extra fee.

Attributes: Upper-Division, Writing "W" Course

**BIO 4415: Plant Physiology (5) [Offerings](#)**

**BIO 4415: Plant Physiology-Lab (0) [Offerings](#)**

Prerequisites: BIO 2101 and 2103. 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. Extra fee.

Attributes: Upper-Division, Writing "W" Course

**BIO 4418: Neurobiology (5) [Offerings](#)**

Prerequisites: (BIO 2101 and 2102) or (BIO 2129 and 2130). 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. Offered alternate years. Extra fee.

Attributes: Upper-Division

**BIO 4420: Histology & Microscopic Tech (5) [Offerings](#)**

**BIO 4420: Histology&Microscopic Tech-Lab (0) [Offerings](#)**

Prerequisites: BIO 2101 and 2102. BIO 4352 recommended. Examines microscopic anatomy of cells, tissues, and organ/systems, examining their structure and the morphological evidences of their function. Emphasizes human histology. Includes laboratory. Offered alternate years. Extra fee.

Attributes: *Upper-Division*

**BIO 4435: Biodiversity:Parasites & Pests (5) [Offerings](#)**

**BIO 4435: Biodvrsty:Parasites &Pests-Lab (0) [Offerings](#)**

Prerequisites: BIO 2101, 2102, and 2103. 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. Offered alternate years. Extra fee.

Attributes: *Upper-Division*

**BIO 4615: Issues & Values in Biology (3) [Offerings](#)**

Examines ethical aspects of current issues in biology that help shape a Christian worldview and value system.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman, Sophomore students are excluded.*

**BIO 4735: Marine Biology (5) [Offerings](#)**

Prerequisites: (BIO 2102 and 2103) or (BIO 2567 and 2568). Study of the marine environment and the identification, unique features, and natural history of the organisms inhabiting it. Extra fee.

Attributes: *Upper-Division*

**BIO 4740: Marine Invertebrate Zoology (5) [Offerings](#)**

Prerequisites: BIO 2102, or (BIO 2567 and 2568). Provides a field and laboratory course emphasizing identification, life histories, habitats, and interrelationships of Pacific Northwest marine invertebrates. Includes laboratory. Normally taught

Summer Quarter at Blakely Island. Extra fee.

Attributes: *Upper-Division*

**BIO 4744: Marine Botany (5) [Offerings](#)**

Prerequisites: (BIO 2101 and 2103) or (BIO 2567 and 2568). 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. Normally taught in summer at Blakely Island Field Station. Extra fee.

Attributes: *Upper-Division*

**BIO 4810: Marine Ecology (5) [Offerings](#)**

Prerequisites: (BIO 2102 and 2103) or (BIO 2567 and 2568). 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. Offered during the Summer Quarter at Blakely Island Field Station. Extra fee.

Attributes: *Upper-Division, Writing "W" Course*

**BIO 4815: Aquatic Ecology (5) [Offerings](#)**

Prerequisites: (BIO 2101, 2102, and 2103) or (BIO 2567 and 2568). 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. Offered Summer Quarter at Blakely Island Field Station. Extra fee.

Attributes: *Upper-Division*

**BIO 4825: Forest Ecology (5) [Offerings](#)**

Prerequisite: BIO 2103 or (BIO 2567 and 2568). 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. Normally offered Summer Quarter at Blakely Island Field Station. Extra fee.

Attributes: *Upper-Division*

**BIO 4830: Ecological Restoration Workshop (2) Offerings**

A workshop providing practical experience in restoring damaged forest or wetland sites on Blakely Island, combined with readings and discussions of technical, social, and spiritual issues related to the emerging interdisciplinary area of ecological restoration. Normally offered Summer Quarter at Blakely Island Field Station. Extra Fee.

Attributes: *Upper-Division*

**BIO 4835: Conservation Biology (5) Offerings**

Prerequisites: (BIO 2101, 2102, and 2103) or (BIO 2567 and 2568) or equivalent. 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. Extra fee.

Attributes: *Upper-Division*

**BIO 4840: Chemical Ecology (5) Offerings**

Prerequisites: BIO 2101, 2102, and 2103. 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. Extra fee.

Attributes: *Upper-Division, Writing "W" Course*

**BIO 4880: Blakely Island Field: Freshwater Biology (1-5) Offerings**

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. Offered at Blakely Island Field Station. Extra fee. Course may only be repeated for credit if a different topic is studied. May be repeated for credit up to 5 credits.

Attributes: *Upper-Division*

**BIO 4899: Natural Sciences Capstone Sem (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 up to 3 credits.

Cross-listed Courses: CHM 4899, PHY 4899 Attributes: Upper-Division Restrictions: Senior students only.

**BIO 4900: Independent Study in Biology (1-5) [Offerings](#)**

**BIO 4900: Intro to Biolgl Science I-IS (1-5) [Offerings](#)**

Directed readings and/or investigation on special topics. May be repeated for credit up to 5 credits.

Attributes: Upper-Division

**BIO 4917: LASP: 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: Natural Science A, Upper-Division Restrictions: Freshman, Non-Matriculated students are excluded.

**BIO 4918: LASP: 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](#)**

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*

**BIO 4940: Internship in Biology (1-5) [Offerings](#)**

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*

**BIO 4950: Special Studies in Biology (1-5) [Offerings](#)**

**BIO 4950: Top: Intro to Geo Info Systems (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](#)**

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. Extra fee. May be repeated for credit up to 15 credits.

*[Attributes:](#) Upper-Division*

**BIO 4978: Biological Research Proposal (1) [Offerings](#)**

The student will prepare a proposal including a literature review and methods

description for a biological research project.

Attributes: *Upper-Division, Writing "W" Course*

**BIO 4979: Biological Research (1-4) Offerings**

Prerequisite: BIO 4978. 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*

**BIO 4982: Advanced Biological Research (1-5) Offerings**

Prerequisite: 12 credits of BIO 4979. 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*



## ART

Art Center  
3 West Cremona  
206-281-2079  
[spu.edu/depts/viscom/](http://spu.edu/depts/viscom/)

**FACULTY:** [Gala Bent](#), [Roger Feldman](#), [Karen Gutowsky-Zimmerman](#), [Katie Kresser](#), [Laura Lasworth](#)

**ART DEPARTMENT ADJUNCT FACULTY:** Carolyn Autenrieth, Juanita Brautlacht, Virginia Causey, Laurence Chen Charlie Choo, Gloria DeArcangelis, Jamie Fleming, Brian Glassco, Susan Harris, Andrea Harrison, Hovie Hawk, Kayo Nakamura, Anna MacDonald, Paulette Manson, Christen Mattix, David Peacock, Erin Pierce, Andy Petterson, and Natalie St. Martin

### The purpose of the art program:

- Acquaint students with the fundamental elements and principles of the visual arts and design and their use in either studio art, illustration/new pictures, art history, or visual communication.
- Develop students' skills in the use of various traditional and experimental forms of studio and technological media.
- Encourage application of skills in a manner that engages contemporary culture.
- Build cultural literacy through exposure to art history and critical theory.
- Encourage students' exploration of the spiritual nature of art and design as an expression of their faith. The curriculum provides training in studio arts, illustration, visual communication and art history, and aims to prepare students for both professional practice and advanced study.

### Admission to the Major or Minor

Formal application for admission to a major or minor in art should be made upon completion of the specified freshman drawing and design course sequences (see specific major requirements). Students pursuing the art history emphasis may apply after completion of two art history courses. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

In the case of a transfer student with class status beyond the sophomore level, application to the studio art or visual communication major or art minor can be made after confirmation of successful completion of equivalent drawing and design course sequences.

Applications are reviewed on the third Tuesday of April and the first Tuesday of September. At the time of application the student must:

- Designate her or his intention to pursue studies in studio arts, illustration/new pictures, art history or visual communication, or to pursue a minor in studio arts.
- Submit a specified portfolio for review.
- Submit a current transcript, showing a minimum 2.5 GPA in art courses.
- Have completed three of the designated foundational courses.
- Submit a specified essay for review.

### Requirements for the Art Major, Art Minor, and Visual Communication Major

There are two majors in the Art Department: visual communication and art. The art major consists of three tracks:

- Studio art
- Illustration/new pictures
- Art history

All art majors (excluding art history emphasis), as a condition of graduation, are required to participate in a Senior Exhibition during Spring Quarter of their senior year. All senior visual communication majors, as a condition of graduation, are required to participate during Spring Quarter of their senior year in the Visual Communication Portfolio Exhibition.

Senior art majors (excluding art history emphasis) must also, as a condition of graduation, provide the Art Department with a comprehensive photographic portfolio of work completed during their studies. The images will be retained by the Art Department as part of the department image bank.

The minimum upper-division credit requirement for the art major and for the visual communication major is 30 credits. At least 15 upper-division credits must be completed for the art minor.

**Integrated Studies Major with a concentration in The Arts  
(For students seeking K-8 certification)**

Students who are planning to obtain elementary school certification and are interested in art must major in the [integrated studies major](#) with a concentration in The Arts.

- The concentration consists of courses in art, music, and theatre.
- [Application \(PDF\)](#) to this major is through the advisor for The Arts concentration, Dr. Andrew Ryder ([aryder@spu.edu](mailto:aryder@spu.edu)).
- Further information on the [elementary certification program](#) is available in the [School of Education](#) section of the *Undergraduate Catalog*.

[Requirements for Integrated Studies: The Arts concentration](#)  
[Requirements for Elementary Certification](#)

**ART MAJOR EMPHASIS IN ART HISTORY AND VISUAL STUDIES**

71 Credits Minimum, Including 30 Upper Division (UD)

[Suggested Course Sequence](#)

**Two Studio Foundation Courses**

Course	Credits
ART 1102 <a href="#">Drawing Studio:Observtn&amp;Realism</a> (5)	10
ART 1103 <a href="#">Drawing Studio:Concept&amp;Compstn</a> (5)	
ART 1104 <a href="#">Drawing Studio:Perspective</a> (5)	
ART 1202 <a href="#">Design Studio-2 Dimensional</a> (5)	
ART 1205 <a href="#">Design Studio Color</a> (5)	
ART 2302 <a href="#">Painting Studio:Still Life-Oil</a> (5)	

**SECTION CREDITS REQUIRED 10**

**History Emphasis Courses**

Course	Credits
ART 2602 <a href="#">West Trad I: Ancient&amp;Medvl Art</a>	5
ART 2603 <a href="#">West Trad II: Art since Renssnc</a>	5
ART 3605 <a href="#">Topics in Modern Art</a>	5
ART 3606 <a href="#">Cross-Cultural Encounters</a>	5
ART 3608 <a href="#">Issues in Contemporary Art</a>	5
ART 3611 <a href="#">Art Theory &amp; Historiography</a>	3
ART 4897 <a href="#">Senior Capstone: Art History</a>	3

**SECTION CREDITS REQUIRED 31**

**Courses in Philosophy**

Course	Credits
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PHI 1004 <a href="#">Survey of Western Philosophy</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Two courses in FRE, GER or ITL (beyond minimum competency)</b>	<b>10</b>
<b>Approved HIS, ENG, CLA, THEO, EUR, or PHI courses, incl 9 UD</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>71</b>

**Additional Requirements:**

### ART MAJOR EMPHASIS IN ILLUSTRATION/NEW PICTURES

94 Credits Minimum, Including 30 Upper Division (UD)

#### Suggested Course Sequence

<b>Foundational Courses</b>	
<b>Course</b>	<b>Credits</b>
ART 1102 <a href="#">Drawng Studio:Observtn&amp;Realism</a>	5
ART 1103 <a href="#">Drawing Studio:Concept&amp;Compstn</a>	5
ART 1104 <a href="#">Drawing Studio:Perspective</a>	5
ART 1202 <a href="#">Design Studio-2 Dimensional</a>	5
ART 1203 <a href="#">Design Studio-3 Dimensional</a>	5
ART 1205 <a href="#">Design Studio Color</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>30</b>
<b>Core Courses</b>	
<b>Course</b>	<b>Credits</b>
ART 2201 <a href="#">Introduction to Computer Art</a>	3
ART 2302 <a href="#">Painting Studio:Still Life-Oil</a>	5
ART 2112 <a href="#">Drawing Studio: Beginng Figure</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>11</b>
<b>Illustration Emphasis Courses</b>	
<b>Course</b>	<b>Credits</b>
ART 2205 <a href="#">Image Capture</a>	3
ART 2502 <a href="#">Illustration</a>	5
ART 2602 <a href="#">West Trad I:Ancient&amp;Medvl Art</a>	5
ART 2603 <a href="#">West Trad II:Art since Renssnc</a>	5
ART 3200 <a href="#">Intro: Typography&amp;Letterforms</a>	3
ART 3502 <a href="#">Image and Narration</a>	5
ART 3608 <a href="#">Issues in Contemporary Art</a> (5)	5
ART 3610 <a href="#">Histy Graphic Design/Illustrn</a> (5)	
ART 4505 <a href="#">Illustration Studio: Digital</a>	3
ART 4898 <a href="#">Senior Capstone:Studio Arts</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>37</b>

<b>Art Electives (choose 12 credits)</b>	
<b>Course</b>	<b>Credits</b>
ART 2421 <a href="#">Printmaking Studio</a> (3)	
ART 3302 <a href="#">Painting Studio: Oil &amp; Acrylic</a> (3)	
ART 3303 <a href="#">Painting Studio: Figure</a> (3)	
ART 3315 <a href="#">Water Based Media</a> (3)	
ART 3700 <a href="#">Digital Media in Art</a> (3)	12
ART 4208 <a href="#">Interactive Media I-Web Design</a> (5)	
ART 4302 <a href="#">Painting Studio: New Pictures</a> (3)	
ART 4502 <a href="#">Illustratn Studio: Portraiture</a> (3)	
ART 4507 <a href="#">Illustration Studio Digital</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>Senior Project (2) &amp; Internship (2), or Senior Project (4)</b>	
<b>Course</b>	<b>Credits</b>
ART 4966 <a href="#">Senior Studio Project</a>	4
OR	
ART 4943 <a href="#">Art Internship</a> (2)	4
ART 4966 <a href="#">Senior Studio Project</a> (2)	
<b>SECTION CREDITS REQUIRED</b>	<b>4</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>94</b>

#### ART MAJOR EMPHASIS IN STUDIO ARTS

91 Credits Minimum, Including 30 Upper Division (UD)

[Suggested Course Sequence](#)

<b>Foundational Courses: Drawing Studio</b>	
<b>Course</b>	<b>Credits</b>
ART 1102 <a href="#">Drawng Studio:Observtn&amp;Realism</a>	5
ART 1103 <a href="#">Drawing Studio:Concept&amp;Compstn</a>	5
ART 1104 <a href="#">Drawing Studio:Perspective</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Foundational Courses: Design Studio</b>	
<b>Course</b>	<b>Credits</b>
ART 1202 <a href="#">Design Studio-2 Dimensional</a>	5
ART 1203 <a href="#">Design Studio-3 Dimensional</a>	5
ART 1205 <a href="#">Design Studio Color</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Foundational Courses</b>	
<b>Course</b>	<b>Credits</b>
ART 2112 <a href="#">Drawing Studio: Beginnng Figure</a>	3
ART 2201 <a href="#">Introduction to Computer Art</a>	3
ART 2205 <a href="#">Image Capture</a> (3)	3
ART 2421 <a href="#">Printmaking Studio</a> (3)	
ART 2302 <a href="#">Painting Studio:Still Life-Oil</a>	5
ART 2722 <a href="#">Sculpture Studio</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>19</b>

<b>Studio Arts Emphasis Courses</b>	
<b>Course</b>	<b>Credits</b>
ART 3608 <a href="#">Issues in Contemporary Art</a> (5)	17
ART 3700 <a href="#">Digital Media in Art</a> (3)	
ART 4208 <a href="#">Interactive Media I-Web Design</a> (5)	
ART 4898 <a href="#">Senior Capstone:Studio Arts</a> (3)	
ART 4966 <a href="#">Senior Studio Project</a> (6)	
<b>SECTION CREDITS REQUIRED</b>	<b>17</b>
<b>Art History</b>	
<b>Course</b>	<b>Credits</b>
ART 2602 <a href="#">West Trad I: Ancient&amp;Medvl Art</a>	5
ART 2603 <a href="#">West Trad II: Art since Renssnc</a>	5
ART 3605 <a href="#">Topics in Modern Art</a> (5)	3
ART 3606 <a href="#">Cross-Cultural Encounters</a> (5)	
ART 3611 <a href="#">Art Theory &amp; Historiography</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>13</b>
<b>Four 3-credit, upper-division ART elective courses</b>	<b>12</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>91</b>

<b>Additional Requirements:</b>
Participation in Senior Exhibition
Submission of comprehensive portfolio

**ART MINOR IN STUDIO: 3-D**  
38 Credits Minimum, Including 17 Upper Division (UD)

<b>Choose two courses</b>	
<b>Course</b>	<b>Credits</b>
ART 1102 <a href="#">Drawing Studio: Observtn&amp;Realism</a> (5)	8
ART 1103 <a href="#">Drawing Studio: Concept&amp;Compstn</a> (5)	
ART 1104 <a href="#">Drawing Studio: Perspective</a> (5)	
ART 2112 <a href="#">Drawing Studio: Beginnng Figure</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Required Courses</b>	
<b>Course</b>	<b>Credits</b>
ART 1203 <a href="#">Design Studio-3 Dimensional</a>	5
ART 2422 <a href="#">Metals Studio</a>	3
ART 2722 <a href="#">Sculpture Studio</a>	5
ART 3608 <a href="#">Issues in Contemporary Art</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>UD Required Courses</b>	
<b>Course</b>	<b>Credits</b>
ART 3422 <a href="#">Metals Studio - Advanced I</a>	3
ART 3722 <a href="#">Sculpture Studio-Installtn Art</a>	3
ART 4422 <a href="#">Metals Studio - Advanced II</a>	3

ART 4722 <a href="#">Sculpture Studio - New Media</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>38</b>

**Additional Requirements:**

**ART MINOR IN STUDIO: DRAWING/PAINTING**

33 Credits Minimum, Including 15 Upper Division (UD)

<b>Choose one course</b>	
Course	Credits
ART 1102 <a href="#">Drawing Studio:Observtn&amp;Realism</a> (5)	5
ART 1103 <a href="#">Drawing Studio:Concept&amp;Compstn</a> (5)	
ART 1104 <a href="#">Drawing Studio:Perspective</a> (5)	

<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
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**Required Courses**

Course	Credits
ART 1205 <a href="#">Design Studio Color</a>	5
ART 2112 <a href="#">Drawing Studio: Beginnng Figure</a>	3
ART 2302 <a href="#">Painting Studio:Still Life-Oil</a>	5

<b>SECTION CREDITS REQUIRED</b>	<b>13</b>
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**UD Required Courses**

Course	Credits
ART 3302 <a href="#">Painting Studio: Oil &amp; Acrylic</a>	3
ART 3303 <a href="#">Painting Studio: Figure</a>	3
ART 3315 <a href="#">Water Based Media</a>	3
ART 4302 <a href="#">Painting Studio: New Pictures</a>	3
ART 4502 <a href="#">Illustratn Studio: Portraiture</a>	3

<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
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<b>TOTAL CREDITS REQUIRED</b>	<b>33</b>
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**ART MINOR IN STUDIO: ILLUSTRATION/NEW PICTURES**

38 Credits Minimum, Including 15 Upper Division (UD)

<b>Choose one course</b>	
Course	Credits
ART 1102 <a href="#">Drawng Studio:Observtn&amp;Realism</a> (5)	5
ART 1104 <a href="#">Drawing Studio:Perspective</a> (5)	

<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
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**Required Courses**

Course	Credits
ART 1205 <a href="#">Design Studio Color</a>	5
ART 2112 <a href="#">Drawing Studio: Beginnng Figure</a>	3
ART 2201 <a href="#">Introduction to Computer Art</a>	3

ART 2502 <a href="#">Illustration</a>	5
ART 3502 <a href="#">Image and Narration</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>21</b>
<b>Choose four UD courses</b>	
<b>Course</b>	<b>Credits</b>
ART 3302 <a href="#">Painting Studio: Oil &amp; Acrylic</a> (3)	12
ART 3303 <a href="#">Painting Studio: Figure</a> (3)	
ART 3315 <a href="#">Water Based Media</a> (3)	
ART 4302 <a href="#">Painting Studio: New Pictures</a> (3)	
ART 4502 <a href="#">Illustratrn Studio: Portraiture</a> (3)	
ART 4505 <a href="#">Illustration Studio: Digital</a> (3)	
ART 4507 <a href="#">Illustration Studio Digital</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>38</b>

### ART MINOR IN STUDIO: NEW MEDIA

32 Credits Minimum, Including 15 Upper Division (UD)

<b>Choose two courses</b>	
<b>Course</b>	<b>Credits</b>
ART 1102 <a href="#">Drawng Studio:Observtn&amp;Realism</a> (5)	10
ART 1103 <a href="#">Drawing Studio:Concept&amp;Compstn</a> (5)	
ART 1104 <a href="#">Drawing Studio:Perspective</a> (5)	
ART 1202 <a href="#">Design Studio-2 Dimensional</a> (5)	
ART 1203 <a href="#">Design Studio-3 Dimensional</a> (5)	
ART 1205 <a href="#">Design Studio Color</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Required Courses</b>	
<b>Course</b>	<b>Credits</b>
ART 2201 <a href="#">Introduction to Computer Art</a>	3
ART 2205 <a href="#">Image Capture</a>	3
ART 3608 <a href="#">Issues in Contemporary Art</a>	5
ART 3700 <a href="#">Digital Media in Art</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>14</b>
<b>Choose eight credits</b>	
<b>Course</b>	<b>Credits</b>
ART 3200 <a href="#">Intro: Typography&amp;Letterforms</a> (3)	8
ART 3502 <a href="#">Image and Narration</a> (5)	
ART 3605 <a href="#">Topics in Modern Art</a> (5)	
ART 4208 <a href="#">Interactive Media I-Web Design</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>32</b>

### ART HISTORY AND VISUAL STUDIES MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

<b>History Courses</b>
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Course	Credits
ART 2602 <a href="#">West Trad I: Ancient &amp; Medieval Art</a>	5
ART 2603 <a href="#">West Trad II: Art since Renaissance</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Choose 15 credits (max of 5 of ART 4900, and 10 of ART 4950)</b>	
Course	Credits
ART 3604 <a href="#">Art Theory &amp; Historiography</a> (3)	
ART 3605 <a href="#">Topics in Modern Art</a> (5)	
ART 3606 <a href="#">Cross-Cultural Encounters</a> (5)	
ART 3608 <a href="#">Issues in Contemporary Art</a> (5)	15
ART 3610 <a href="#">History Graphic Design/Illustration</a> (5)	
ART 4900 <a href="#">Independent Study</a> (1-5)	
ART 4950 <a href="#">Special Topics in Art</a> (1-5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Studio Courses</b>	
Course	Credits
ART 1102 <a href="#">Drawing Studio: Observation &amp; Realism</a> (5)	
ART 1103 <a href="#">Drawing Studio: Concept &amp; Composition</a> (5)	
ART 1104 <a href="#">Drawing Studio: Perspective</a> (5)	5
ART 1202 <a href="#">Design Studio-2 Dimensional</a> (5)	
ART 1205 <a href="#">Design Studio Color</a> (5)	
ART 2302 <a href="#">Painting Studio: Still Life-Oil</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

**COURSE DESCRIPTIONS:**

[ART 1102](#) | [ART 1103](#) | [ART 1104](#) | [ART 1180](#) | [ART 1202](#) | [ART 1203](#) | [ART 1205](#) | [ART 2112](#) | [ART 2201](#) | [ART 2205](#) | [ART 2302](#) | [ART 2421](#) | [ART 2422](#) | [ART 2502](#) | [ART 2602](#) | [ART 2603](#) | [ART 2722](#) | [ART 3200](#) | [ART 3202](#) | [ART 3204](#) | [ART 3205](#) | [ART 3208](#) | [ART 3302](#) | [ART 3303](#) | [ART 3315](#) | [ART 3421](#) | [ART 3422](#) | [ART 3502](#) | [ART 3546](#) | [ART 3605](#) | [ART 3606](#) | [ART 3608](#) | [ART 3610](#) | [ART 3611](#) | [ART 3612](#) | [ART 3613](#) | [ART 3700](#) | [ART 3722](#) | [ART 4207](#) | [ART 4208](#) | [ART 4209](#) | [ART 4210](#) | [ART 4212](#) | [ART 4302](#) | [ART 4421](#) | [ART 4422](#) | [ART 4502](#) | [ART 4505](#) | [ART 4507](#) | [ART 4722](#) | [ART 4897](#) | [ART 4898](#) | [ART 4899](#) | [ART 4900](#) | [ART 4920](#) | [ART 4930](#) | [ART 4943](#) | [ART 4950](#) | [ART 4966](#) | [ART 4968](#) | [VIEW ALL](#)

**ART 1102: Drawing Studio: Observation & 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. Extra fee.

Attributes: Arts and Humanities A



**ART 1103: Drawing Studio:Concept&Compstn (5) [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. Extra Fee.

*Attributes:Arts and Humanities A Restrictions:Junior, Senior students are excluded.*

**ART 1104: Drawing Studio:Perspective (5) [Offerings](#)**

Provides an introduction and in depth exploration of technical drawing systems that enable designers and illustrators to simulate 3D space. Covers techniques such as: orthographic projection, paralline drawing, and linear perspective systems. Extra fee.

*Attributes:Arts and Humanities A Restrictions:Art, Art-Int, Clothing & Textiles, Interior Design, Visual Communication, Visual Communication-Int Majors only. Junior, Senior students are excluded.*

**ART 1180: The Visual Arts (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.

*Attributes:Arts and Humanities A*

**ART 1202: Design Studio-2 Dimensional (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. Extra fee.

**ART 1203: Design Studio-3 Dimensional (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. Extra fee.

**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. Emphasis will be placed on the seven color contrasts as defined by Itten in the Elements of Color. Students will work with both paint and computer systems. Extra fee.

Restrictions: *Art, Clothing & Textiles, Clothing & Textiles-Int, Interior Design, Visual Communication, Visual Communication-Int Majors only. Freshman, Sophomore students only.*

**ART 2112: Drawing Studio: Beginning Figure (3) [Offerings](#)**

Prerequisite: ART 1102 or 1103 or 1104. Provides an introduction to figure drawing for beginning students who want to develop sound drawing and observational skills in life drawing. Highly stresses anatomical observation focusing on an understanding of skeletal structure and musculature. Composition and lighting are also highlighted during class discussions. Extra fee.

Restrictions: *Art, Clothing & Textiles, Clothing & Textiles-Int, Interior Design, Interior Design-Int Majors only.*

**ART 2201: Introduction to Computer Art (3) [Offerings](#)**

Prerequisites: (ART 1102 or 1103 or 1104) and ART 1202 and 1205. Overview and exploration of the rudimentary use of digital media as it relates to the design production of visual communications and illustration. Extra fee.

Restrictions: *Art, Visual Communication Majors only.*

**ART 2205: Image Capture (3) [Offerings](#)**

Prerequisite: ART 2201. Exploration of traditional and digital methods of capturing images for refinement, manipulation, or reference. Extra fee.

Restrictions: Art, Visual Communication Majors only.

**ART 2302: Painting Studio: Still Life-Oil (5) Offerings**

Prerequisite: ART 1102 or 1103 or 1104. 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. Extra fee.

Attributes: Arts and Humanities A Restrictions: Junior, Senior students are excluded.

**ART 2421: Printmaking Studio (3) Offerings**

Studies graphic art with projects in several printing media including relief and intaglio processes in woodcut, linocut, drypoint and etching, lithography, and monoprint. Extra fee.

Attributes: Arts and Humanities A Restrictions: Freshman students are excluded.

**ART 2422: Metals Studio (3) Offerings**

Teaches the raising, soldering, and forging of metals into utensils and decorative forms such as jewelry. Emphasizes fabrication. Extra fee.

Attributes: Arts and Humanities A

**ART 2502: Illustration (5) Offerings**

Prerequisites: ART (1102 or 1103 or 1104) and 1202, and ART 1205. Introduction to the various problems, materials, techniques, and processes utilized in professional illustration. Extra fee.

Restrictions: Art, Visual Communication Majors only.

**ART 2602: West Trad I: Ancient & Medvl Art (5) Offerings**

Survey course treating Western Art (and its major Eastern influences) from Ancient Egypt through the late Middle Ages.

Attributes: *Arts and Humanities A*

**ART 2603: West Trad II: Art since Renaissance (5) Offerings**

Survey course treating Western art from the Renaissance until the middle twentieth century.

Attributes: *Arts and Humanities A*

**ART 2722: Sculpture Studio (5) Offerings**

Prerequisite: ART 1203. 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. Extra fee.

Restrictions: *Freshman students are excluded.*

**ART 3200: Intro: Typography & Letterforms (3) Offerings**

Prerequisite: ART 2201. Introduces the communicative, symbolic and associative aspects of typography. Emphasizes the strategic use of typography as a primary design element. Extra fee.

Attributes: *Upper-Division* Restrictions: *Art, Visual Communication Majors only. Freshman students are excluded.*

**ART 3202: Visual Communication I (5) Offerings**

Prerequisites: ART 2201, 2502, and 3200. Exploration of creative ideas, resources, digital processes, media, and terminology in the development of visual communication solutions. Extra fee.

Attributes: *Upper-Division* Restrictions: *Visual Communication Majors only. Freshman, Sophomore students are excluded.*

**ART 3204: Visual Communication II (5) Offerings**

Prerequisite: ART 3202. Continues exploration of terminology, processes, and theory in the development of design solutions for various forms of visual

communication. Extra fee.

Attributes: *Upper-Division* Restrictions: *Visual Communication Majors only.*  
*Freshman, Sophomore students are excluded.*

**ART 3205: Applied Typography (5) Offerings**

Prerequisite: ART 3200. Teaches advanced application of typographic systems to both static and moving communication media. Extra fee.

Attributes: *Upper-Division* Restrictions: *Visual Communication Majors only.*  
*Freshman, Sophomore students are excluded.*

**ART 3208: Programs/Case Studies (5) Offerings**

Prerequisite: ART 3204. Covers design development and application related to a series of communication devices supporting a campaign, conference or event. Extra fee.

Attributes: *Upper-Division* Restrictions: *Visual Communication Majors only.*  
*Freshman, Sophomore students are excluded.*

**ART 3302: Painting Studio: Oil & Acrylic (3) Offerings**

Prerequisites: ART 1102 or 1103 or 1104, and ART 2302 or permission of instructor. Explores new directions and interpretations of classical interiors, landscape, and environments. Also investigates imaginary and observational approaches. Extra fee.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**ART 3303: Painting Studio: Figure (3) Offerings**

Prerequisites: (ART 1102, or 1103, or 1104) and 1205, 2302, and 2112.  
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. Extra fee.

Attributes: *Upper-Division* Restrictions: *Art Majors only. Freshman students are excluded.*

**ART 3315: Water Based Media (3) [Offerings](#)**

Prerequisites: ART 1102 or 1103, and ART 1205. Investigates a range of technical skills in the use of traditional and experimental uses of watercolor, gouache, acrylic, and mixed media. Extra fee.

Attributes: *Upper-Division*

**ART 3421: Printmaking Studio-Advanced I (3) [Offerings](#)**

Prerequisite: ART 2421 or permission of instructor. Studies graphic art with projects in several of the printmaking media including serigraph, collograph and monoprint. Extra fee.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**ART 3422: Metals Studio - Advanced I (3) [Offerings](#)**

Prerequisite: ART 2422 or permission of instructor. Teaches the raising, soldering, and forging of metals into utensils and decorative forms such as jewelry. Emphasizes forming. Extra fee.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**ART 3502: Image and Narration (5) [Offerings](#)**

Prerequisites: ART (1102 or 1103 or 1104) and 1202, 2112, and (1205 or 3315). 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 would encourage media experimentation as well as visual storytelling while applying a variety of drawing styles. Extra fee. May be repeated for credit 1 time.

Attributes: *Upper-Division* Restrictions: *Art Majors only. Freshman, Sophomore students are excluded.*

**ART 3546: Art Education (3) [Offerings](#)**

Discusses the principles and elements of art as related to a variety of media with direct application to use in 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. Extra fee.

Attributes: *Upper-Division*

**ART 3605: Topics in Modern Art (5) [Offerings](#)**

Why does the art of the twentieth century look so strange? What were Jackson Pollock and Pablo Picasso thinking? In this class we'll explore the historical and philosophical issues leading toward the decline of realistic art in the nineteenth century and the rise of abstract art forms in the twentieth.

Attributes: *Arts and Humanities A, Upper-Division, 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. Offered alternate years.

Attributes: *Arts and Humanities A, Upper-Division, Writing "W"*  
Course Restrictions: *Freshman students are excluded.*

**ART 3608: Issues in Contemporary Art (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: *Arts and Humanities A, Upper-Division, Writing "W" Course*

**ART 3610: History Graphic Design/Illustration (5) [Offerings](#)**

Survey of historical roots of typography, illustration, and graphic design to the present. Issues, ideas, and designer/artists are studied as vehicles for historical advancement.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Art, Visual Communication Majors only. Freshman students are excluded.*

**ART 3611: Art Theory & Historiography (3) [Offerings](#)**

Prerequisite: One Art History course or permission of the instructor. "Looking at Art" is designed to acquaint students with the major historical and critical methods used for interpreting and explaining artistic expression. The course will place a strong emphasis on understanding and critiquing a range of postmodern theories. Offered alternate years.

Attributes: *Upper-Division, Writing "W" Course*

**ART 3612: Urban Spaces of Rome (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: *Arts and Humanities A, Upper-Division, Writing "W" Course*

**ART 3613: Roman Church Architecture (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 the evolution of the Roman church buildings from the simple basilicas of the Early Christian era to the Baroque fantasias of Rome's second Golden Age in the 16th century.

Attributes: *Arts and Humanities A, Upper-Division*



**ART 3700: Digital Media in Art (3) [Offerings](#)**

Prerequisite: ART 2201. Exploration and development of digital media in the context of the visual arts. Utilizes digital media as tools in the production of time based imagery and sound, for use as components or stand alone works of art. May be repeated for credit 1 time.

*Attributes: Upper-Division Restrictions: Art Majors only. Freshman, Sophomore students are excluded.*

**ART 3722: Sciptre Stdio-Installtn Art-IS (3) [Offerings](#)**

**ART 3722: Sculpture Studio-Installtn Art (3) [Offerings](#)**

Prerequisite: ART 2722 or permission of instructor. Studies in development of installation art from conceptualization to implementation. Extra fee.

*Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.*

**ART 4207: Information Design (5) [Offerings](#)**

Prerequisites: ART 3200, 3202, 3204, 3205, and 3208. Explores theoretical, practical and developmental aspects of information design. Develops systematic approaches to visually communicating complex statistics and data. Extra fee.

*Attributes: Upper-Division Restrictions: Visual Communication Majors only. Freshman, Sophomore students are excluded.*

**ART 4208: Interactive Media I-Web Design (5) [Offerings](#)**

Prerequisites: ART 2201, 2205, and 3200. 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. Extra fee.

*Attributes: Upper-Division Restrictions: Art, Visual Communication Majors only. Freshman, Sophomore students are excluded.*

**ART 4209: Environmental Design (5) [Offerings](#)**

Prerequisites: ART 4207, and 4208. Explores spatial information environments and experience design. Investigates wayfinding, navigation, exhibition, and/or signage. Extra fee.

*Attributes: Upper-Division Restrictions: Visual Communication Majors only. Freshman, Sophomore students are excluded.*

**ART 4210: Interactive Media II (3) [Offerings](#)**

Prerequisite: ART 4208. 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 Web sites or learning tools. Extra fee.

*Attributes: Upper-Division Restrictions: Visual Communication Majors only. Freshman, Sophomore students are excluded.*

**ART 4212: Motion Graphics (3) [Offerings](#)**

Prerequisite: ART 4210. Exploration and focus upon utilization of movement as a design element in the interactive electronic environment. Investigation of primitive to sophisticated uses of animation as a communicative instrument. Extra fee.

*Attributes: Upper-Division Restrictions: Visual Communication Majors only. Freshman, Sophomore students are excluded.*

**ART 4302: Painting Studio: New Pictures (3) [Offerings](#)**

Prerequisites: (ART 1102 or 1103 or 1104), and ART 1205, 2302, or 3315. 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. Extra fee. May be repeated for credit 2 times.

*Attributes: Upper-Division Restrictions: Visual Arts Majors only. Junior, Senior students only.*

**ART 4421: Printmaking Studio-Advanced II (3) [Offerings](#)**

Prerequisites: ART 2421, 3421 or permission of instructor. Studies graphic art with projects in several of the printing media, including woodcut, serigraph, and collagraph. Extra fee. May be repeated for credit 1 time.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**ART 4422: Metals Studio - Advanced II (3) [Offerings](#)**

Prerequisites: ART 2422, 3422, or permission of instructor. Teaches the raising, soldering, and forging of metals into utensils and decorative forms such as jewelry. Emphasizes casting. Extra fee. May be repeated for credit 2 times.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**ART 4502: Illustratn Studio: Portraiture (3) [Offerings](#)**

Prerequisites: ART (1102 or 1103) and 1205 and 2112. The anatomy of the human head is studied analytically through drawing from direct observation from a live model. Further analysis will include a multitude of ways to draw and paint the head and face to capture its multitude of expressions, moods and power to communicate. Students will use a variety of media in this class. Extra fee.

Attributes: *Upper-Division* Restrictions: *Art Majors only.*

**ART 4505: Illustration Studio: Digital (3) [Offerings](#)**

Prerequisites: ART 1102 or 1103 or 1104, 1202, 1205, and 2201, 2502. 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. Extra fee.

Attributes: *Upper-Division* Restrictions: *Art Majors only.*

**ART 4507: Illustration Studio Animation (3) [Offerings](#)**

Prerequisites: ART 2201, 3502, and 4505. 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. Extra fee.

Attributes: *Upper-Division* Restrictions: *Art, Visual Communication Majors only.*

**ART 4722: Sculpture Studio - New Media (3) Offerings**

Prerequisite: ART 3722 or permission of instructor. Studies of three-dimensional form and composition with emphasis on site-specific sculpture, installation art, new media, and art in the public place. Extra fee. May be repeated for credit 2 times.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**ART 4897: Senior Capstone: Art History (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* Restrictions: *Senior students only.*

**ART 4898: Senior Capstone: Studio Arts (3) Offerings**

Prerequisite: ART 3608. Students will study portions of significant texts that ask them to think about how their faith perspective intersects with their studio practice. Examples of the kind of text to be included: A Wounded Innocence: Sketches for a Theology of Art; Art and Scholasticism; Art in Action; The Religious Art of Andy Warhol; and The Arts of the Beautiful. Students will explore this further through the artwork they will produce for the senior show, writing an artist's statement and a reflective essay. Finally, the course deals with the preparation of a portfolio, setting up a studio, and working professionally.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Art, Visual Arts Majors only. Senior students only.*

**ART 4899: Senior Capstone: Visual Communc (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. Senior students only.

<b>ART 4900: Animation Cell Paintings-IS (1-5) Offerings</b>
<b>ART 4900: Color Thry in Paintng Prctc-IS (1-5) Offerings</b>
<b>ART 4900: Independent Study (1-5) Offerings</b>

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

<b>ART 4920: Readings in Art (1-5) Offerings</b>
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Readings in Art May be repeated for credit up to 15 credits.

Attributes: Upper-Division, Writing "W" Course Restrictions: Visual Arts, Visual Communication Majors only. Freshman, Junior, Sophomore students are excluded.

<b>ART 4930: Practicum (1-5) Offerings</b>
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Practicum May be repeated for credit up to 5 credits.

<b>ART 4943: Art Internship (1-5) Offerings</b>
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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](#)**

**ART 4950: Topics: Church Architecture/Rome (1-5) [Offerings](#)**

**ART 4950: Topics: Urban Spaces of Rome (1-5) [Offerings](#)**

Special Topics in Art May be repeated for credit up to 15 credits.

*Attributes: Upper-Division Restrictions: Visual Arts, Visual Communication Majors only. Freshman, Junior, Sophomore students are excluded.*

**ART 4966: Senior Studio Project (1-5) [Offerings](#)**

**ART 4966: Senior Studio Project- IS (1-5) [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 Majors only. Freshman, Junior, Sophomore students are excluded.*

**ART 4968: Special Project (1-6) [Offerings](#)**

Special Project May be repeated for credit up to 6 credits.

*Attributes: Upper-Division*

## CHEMISTRY AND BIOCHEMISTRY

Science Building  
206-281-2351  
[spu.edu/depts/chemistry](http://spu.edu/depts/chemistry)

**FACULTY:** [Kevin Bartlett](#), [Lawrence Gulberg](#), [Ben McFarland](#), [John Mouser](#), [Lyle Peter](#), [Karisa Pierce](#), [Daniel Schofield](#)

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 bases of biological processes.
- Attempt to explain the changes matter undergoes.
- Develop and apply analytical techniques for criminal investigations and environmental problems.
- Sell chemicals, teach chemistry, and apply chemical knowledge to solve other societal and technological problems.

Chemists are 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 rather than vice versa.

The curriculum is designed to serve persons desiring to enter a career in chemistry, biochemistry, or science education, as well as those interested in pursuing further study in medicine, dentistry, pharmacy, engineering, and the other sciences.

### Admission to the Major or Minor

To qualify for admission to the major or minor, a student must have a minimum 2.5 grade point average in SPU chemistry courses. A student must complete the major requirements in effect when the student is admitted to the major.

### Requirements for the Chemistry Major

*CHM 1100, CHM 1110, and CHM 1330 cannot be counted in the chemistry major or minor.*

### B.S. in Chemistry

*67 credits in chemistry, including 47 upper-division; an additional 15 credits in math and 15 in physics*

This course of study is recommended for a professional degree in chemistry or for those interested in doing graduate and other advanced work in chemistry, certain aspects of molecular biology, toxicology, and forensic science.

It is guided by recommendations of the [American Chemical Society](#) and should prepare the student for graduate work in chemistry or for employment as a chemist.

In order to complete this degree in four years, a student should generally begin with CHM 1211 and MAT 1234 in the first quarter of the freshman year.

### [Required Chemistry Courses](#) | [Required Mathematics and Physics Courses](#)

For students planning graduate studies in chemistry, additional mathematics (e.g., MAT 2401, MAT 3238, MAT 3237, and MAT 3360) may be recommended by the advisor.

For the older literature, a reading knowledge of [German](#) is helpful for those who plan to do graduate work in chemistry. All students are urged to seek advising by a member of the chemistry/biochemistry faculty as early in their programs as possible.

### B.A. in Chemistry

*52 credits in chemistry, including 32 upper-division; an additional 10 credits in mathematics and 15 credits in physics*

This option is suited for students preparing for medical or dental school, careers in medical technology, pharmacy or related fields, or to teach chemistry at the secondary level. Those interested in careers in medicine, dentistry, or other

health-related fields should refer to [Pre-Professional Health Programs](#).

[Required Chemistry Courses](#) | [Required Mathematics and Physics Courses](#)

### **B.S. in Biochemistry**

67 credits in chemistry and biology, including 49 upper-division in biology and chemistry; an additional 20 credits in mathematics and 15 credits in physics

The molecular aspects of the life sciences call for an interdisciplinary course of study in chemistry and biology, plus background support in physics and mathematics.

This degree prepares students for graduate study in biochemistry and molecular biology. Biochemistry students interested in health sciences should refer to [Pre-Professional Health Programs](#).

To complete this degree in four years, generally a student should begin with CHM 1211 and MAT 1234 in the first quarter of the freshman year.

[Required Chemistry and Biology Courses](#) | [Required Mathematics and Physics Courses](#)

CHM 1100, CHM 1110, and CHM 1330 cannot be counted in the chemistry major or minor.

### **Chemistry Minor**

35 credits in chemistry/biochemistry, including 20 upper-division

Must include CHM 1212 General Chemistry II (5 credits), CHM 3371, 3372 Organic Chemistry (10 credits). Chemistry courses must include at least two of these five areas: organic, inorganic, analytical, physical, and biochemistry.

[Required Chemistry Minor Courses](#)

### **Chemical Education**

Students preparing for a secondary certificate should complete the requirements for a B.A. in chemistry including at least two quarters of physical chemistry. Information about [secondary certification](#) can be found in the [School of Education](#) section of the *Undergraduate Catalog*.

### **Integrated Studies Major with a concentration in Natural Sciences (For students seeking K-8 certification)**

Students who are planning to obtain elementary school certification and are interested in chemistry must major in the [Integrated Studies major](#) with a concentration in Natural Sciences.

- The concentration consists of courses in biology, physics, and chemistry.
- [Application \(PDF\)](#) to this major is through the advisor for the natural sciences concentration, Dr. Eleanor Close ([closee@spu.edu](mailto:closee@spu.edu)).
- Further information on the [elementary certification program](#) is available in the [School of Education](#) section of the *Undergraduate Catalog*.

[Requirements for Integrated Studies: Natural Sciences concentration](#)  
[Requirements for Elementary Certification](#)

**Pre-Professional Health.** The B.S. in biochemistry, or the B.S. or B.A. in chemistry including biochemistry courses, provide preparation for professional education in medicine, dentistry, and similar health-related careers.

### **BA IN CHEMISTRY**

77 Credits Minimum, Including 32 Upper Division (UD)

[Suggested Course Sequence](#)

<b>General Core: Chemistry</b>	
Course	Credits
CHM 1212 <a href="#">General Chemistry II</a>	5
CHM 2540 <a href="#">Introductory Inorganic Chemistry</a>	5



CHM 3225 <a href="#">Chemical Equilibrium &amp; Analys</a>	5
CHM 3371 <a href="#">Organic Chemistry I</a> (5) CHM 3372 <a href="#">Organic Chemistry II</a> (5) CHM 3373 <a href="#">Organic Chemistry III</a> (5)	15
CHM 3410 <a href="#">Survey of Physical Chemistry</a>	5
CHM 4361 <a href="#">Biochemistry</a>	5
CHM 4899 <a href="#">Natural Sciences Capstone Sem</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>42</b>
<b>Required Mathematics and Physics Courses</b>	
<b>Course</b>	<b>Credits</b>
MAT 1221 <a href="#">Survey of Calculus</a> (5) MAT 1360 <a href="#">Introduction to Statistics</a> (5)	10
OR	
MAT 1234 <a href="#">Calculus I</a> (5) MAT 1235 <a href="#">Calculus II</a> (5)	10
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a> (5) PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a> (5) PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a> (5)	15
OR	
PHY 1101 <a href="#">General Physics</a> (5) PHY 1102 <a href="#">General Physics</a> (5) PHY 1103 <a href="#">General Physics</a> (5)	15
<b>SECTION CREDITS REQUIRED</b>	<b>25</b>
<b>Chemistry Electives Needed</b>	<b>10</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>77</b>

## BS IN CHEMISTRY

97 Credits Minimum, Including 47 Upper Division (UD)

### [Suggested Course Sequence](#)

<b>General Core: Chemistry</b>	
<b>Course</b>	<b>Credits</b>
CHM 1212 <a href="#">General Chemistry II</a>	5
CHM 2540 <a href="#">Introductory Inorganic Chemistry</a>	5
CHM 2960 <a href="#">Intro to Research Methods</a>	1-3
CHM 3225 <a href="#">Chemical Equilibrium &amp; Analys</a> (5) CHM 3227 <a href="#">Separation Science</a> (2) CHM 3228 <a href="#">Electroanalytical Chemistry</a> (2) CHM 3229 <a href="#">Analytical Spectroscopy</a> (2)	11
CHM 3371 <a href="#">Organic Chemistry I</a> (5) CHM 3372 <a href="#">Organic Chemistry II</a> (5) CHM 3373 <a href="#">Organic Chemistry III</a> (5)	15
CHM 3401 <a href="#">Physical Chemistry I</a> (4) CHM 3402 <a href="#">Physical Chemistry II</a> (3) CHM 3403 <a href="#">Physical Chemistry III</a> (3)	10
CHM 3461 <a href="#">Physical Chemistry Lab I</a> (2) CHM 3462 <a href="#">Physical Chemistry Lab II</a> (2)	4
CHM 4542 <a href="#">Transition Metals</a>	3

CHM 4899 <a href="#">Natural Sciences Capstone Sem</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>56</b>
<b>Required Mathematics and Physics Courses</b>	
<b>Course</b>	<b>Credits</b>
MAT 1234 <a href="#">Calculus I</a> (5)	15
MAT 1235 <a href="#">Calculus II</a> (5)	
MAT 1236 <a href="#">Calculus III</a> (5)	
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a> (5)	15
PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>30</b>
<b>CHM Electives, incl at least 2 UD (CHM 4361 and 4960 rec)</b>	<b>11</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>97</b>

### CHEMISTRY MINOR

35 Credits Minimum, Including 20 Upper Division (UD)

<b>Chemistry Minor</b>	
<b>Course</b>	<b>Credits</b>
CHM 1212 <a href="#">General Chemistry II</a>	5
CHM 3371 <a href="#">Organic Chemistry I</a>	5
CHM 3372 <a href="#">Organic Chemistry II</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Choose at least 2 elective areas (ex: organic, inorganic...)</b>	<b>20</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>35</b>

### COURSE DESCRIPTIONS:

[CHM 1100](#) | [CHM 1110](#) | [CHM 1211](#) | [CHM 1212](#) | [CHM 1330](#) | [CHM 2540](#) | [CHM 2930](#) | [CHM 2960](#) | [CHM 3225](#) | [CHM 3227](#) | [CHM 3228](#) | [CHM 3229](#) | [CHM 3371](#) | [CHM 3372](#) | [CHM 3373](#) | [CHM 3401](#) | [CHM 3402](#) | [CHM 3403](#) | [CHM 3410](#) | [CHM 3461](#) | [CHM 3462](#) | [CHM 4361](#) | [CHM 4362](#) | [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](#) | [VIEW ALL](#)

<b>CHM 1100: Introduction to Chemistry</b> (5) <a href="#">Offerings</a>
<b>CHM 1100: Introduction to Chemistry-Lab</b> (0) <a href="#">Offerings</a>

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: *Natural Science B*

**CHM 1110: Intro 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. Not recommended for students with more than one high school science course.

Cross-listed Courses: *PHY 1110* Attributes: *Natural Science B*

**CHM 1211: General Chemistry I (5) [Offerings](#)**

**CHM 1211: General Chemistry I-Lab (0) [Offerings](#)**

Prerequisites: Requires two years high school mathematics (including algebra), one year of high school chemistry, and passing the Chemistry Placement test; or a C- or better in CHM 1100. Introduces properties of matter, stoichiometry, chemical reactions, thermochemistry, states of matter, chemical bonding, and atomic and molecular structure. Includes laboratory. Extra fee.

Attributes: *Natural Science B*

**CHM 1212: General Chemistry II (5) [Offerings](#)**

**CHM 1212: General Chemistry II-Lab (0) [Offerings](#)**

Prerequisite: A C- or better in CHM 1211 or equivalent. Builds upon CHM 1211 topics. Introduces molecular and solid state structure and bonding, properties of gases, liquids and solutions, concepts of thermodynamics, chemical kinetics, chemical equilibria, acid-base and oxidation-reduction reactions. Includes lab. Extra fee.

**CHM 1330: Organic & Biological Chemistry (5) [Offerings](#)**

**CHM 1330: Organic & Biological Chm-Lab (0) [Offerings](#)**

Prerequisite: A C- or better in CHM 1211. Studies simpler laws of organic chemistry, nomenclature, and classification. Simple chemistry of carbohydrates, lipids and proteins, integration of metabolisms, and chemistry of heredity. Includes laboratory. Extra fee.

Attributes: *Natural Science B*

**CHM 2540: Introductory Inorganic Chm-Lab (0) [Offerings](#)**

**CHM 2540: Introductory Inorganic Chemistry (5) [Offerings](#)**

Prerequisite: A C- or better in CHM 1212. 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, non-protonic acid-base theory, coordination chemistry, and descriptive inorganic chemistry. Includes laboratory. Extra fee.

**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: Intro to Research Methods (1-3) [Offerings](#)**

Designed for natural science majors as an introduction to the skills and methods used for research in the chemical sciences. May be repeated for credit up to 6 credits.

**CHM 3225: Chemical Equilibrium & Analys (5) [Offerings](#)**

**CHM 3225: Chemical Equilibrium-Lab (0) [Offerings](#)**

Prerequisite: A C- or better in CHM 1212, or permission of instructor. 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*

**CHM 3227: Separation Science (2) [Offerings](#)**

Prerequisite: A C- or better in CHM 3225 (may be taken concurrently) or permission from instructor. 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. Extra fee.

Attributes: *Upper-Division*

**CHM 3228: Electroanalytical Chemistry (2) [Offerings](#)**

Prerequisite: A C- or better in CHM 3225. 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. Extra fee.

Attributes: *Upper-Division*

**CHM 3229: Analytical Spectroscopy (2) [Offerings](#)**

Prerequisite: A C- or better in CHM 3225. 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. Extra fee.

Attributes: *Upper-Division*

**CHM 3371: Organic Chemistry I (5) [Offerings](#)**

**CHM 3371: Organic Chemistry I-Lab (0) [Offerings](#)**

Prerequisite: A C- or better in CHM 1212 or permission of instructor. 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*

**CHM 3372: Organic Chemistry II (5) [Offerings](#)**

**CHM 3372: Organic Chemistry II-Lab (0) [Offerings](#)**

Prerequisite: A C- or better in CHM 3371. 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*

**CHM 3373: Organic Chemistry III (5) [Offerings](#)**

**CHM 3373: Organic Chemistry III-Lab (0) [Offerings](#)**

Prerequisite: A C- or better in CHM 3372. 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*

**CHM 3401: Physical Chemistry I (4) [Offerings](#)**

Prerequisites: A C- or better in CHM 1212, PHY 1103 or PHY 1123, and MAT 1236, or permission of instructor. Studies equilibrium and non-equilibrium properties of gases, liquids, and solids from thermodynamic processes. Engineering applications. Includes elements of statistical thermodynamics.

Cross-listed Courses: *EGR 3401, PHY 3401* Attributes: *Upper-Division*

**CHM 3402: Physical Chemistry II (3) [Offerings](#)**

Prerequisite: A C- or better in CHM 2540, PHY 1103, or PHY 1123 and MAT

1236, or permission of instructor. Studies quantum theory and group theory and their applications to spectroscopy, molecular, and solid-state structures and bonding.

Attributes: *Upper-Division*

**CHM 3403: Physical Chemistry III (3) [Offerings](#)**

Prerequisite: A C- or better in CHM 3225, PHY 1103 or PHY 1123, and MAT 1236 or permission of instructor. Studies statistical mechanics, chemical kinetics, physical, and chemical equilibria, electrochemistry, and selected related topics.

Attributes: *Upper-Division*

**CHM 3410: Survey of Physical Chem-Lab (0) [Offerings](#)**

**CHM 3410: Survey of Physical Chemistry (5) [Offerings](#)**

Prerequisites: A C- or better in CHM 3225 and MAT 1221 (can be taken concurrently) or permission of instructor. A survey of physical chemistry topics, such as thermodynamics, kinetics, quantum chemistry and spectroscopy, including life science applications. Includes laboratory.

Attributes: *Upper-Division*

**CHM 3461: Physical Chemistry Lab I (2) [Offerings](#)**

Prerequisite: A C- or better in CHM 3401 or permission of instructor. 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*

**CHM 3462: Physical Chemistry Lab II (2) [Offerings](#)**

Prerequisite: A C- or better in CHM 3461 or permission of instructor. 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*

**CHM 4361: Biochemistry (5) [Offerings](#)**

**CHM 4361: Biochemistry-Lab (0) [Offerings](#)**

Prerequisite: A C- or better in CHM 3373. 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. Extra fee.

Cross-listed Courses: *BIO 4361* Attributes: *Upper-Division*

**CHM 4362: Biochemistry (5) [Offerings](#)**

**CHM 4362: Biochemistry-Lab (0) [Offerings](#)**

Prerequisite: A C- or better in CHM 4361. 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. Extra fee.

Cross-listed Courses: *BIO 4362* Attributes: *Upper-Division*

**CHM 4363: Biochemistry (3) [Offerings](#)**

Prerequisite: CHM 4362 or permission of instructor. Explores selected topics including 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 up to 6 credits.

Cross-listed Courses: *BIO 4363* Attributes: *Upper-Division*

**CHM 4371: Biochemistry Lecture (3) [Offerings](#)**

Prerequisite: A C- or better in CHM 3373. 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*

**CHM 4372: Biochemistry Lecture (3) [Offerings](#)**

Prerequisite: A C- or better in CHM 4361. Continuation of CHM 4361. 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*

**CHM 4374: Advanced Organic Laboratory (3) [Offerings](#)**

Prerequisites: A C- or better in CHM 3373 and 3225. An advanced laboratory course using synthetic separation and instrumental techniques to study properties of organic compounds. Offered alternate years.

Attributes: *Upper-Division*

**CHM 4542: Transition Metals (3) [Offerings](#)**

Prerequisites: A C- or better in CHM 3373 and 2540 (CHM 3402 recommended). 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. Offered alternate years.

Attributes: *Upper-Division*

**CHM 4700: Selected Topics in Chem/Biochem (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. Offered alternate years.

Attributes: Upper-Division, Writing "W" Course

**CHM 4760: Advanced Synthesis (1-2) Offerings**

Prerequisite: A C- or better in CHM 3373 (CHM 4542 is recommended). 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. To be offered on demand basis. May be repeated for credit up to 4 credits.

Attributes: Upper-Division

**CHM 4899: Natural Sciences Capstone Sem (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 up to 3 credits.

Cross-listed Courses: BIO 4899, PHY 4899 Attributes: Upper-Division Restrictions: Senior students only.

**CHM 4900: Ind Project/Design Chm/BioChm (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: Intrnshp in Chmstry/Biochmstry (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: Currnt Topcs in Chmstry/Biochm (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: Undergrad Research Chem/Biochm (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*

## CLASSICS

Marston Hall  
206-281-2036  
[spu.edu/depts/fll](http://spu.edu/depts/fll)

**FACULTY:** [Robert Baah](#), [Kathryn Bartholomew](#), [Michelle Beauclair](#), [Owen Ewald](#), [Katya Nemtchinova](#), [Eric Vogt](#), [Michael Ziemann](#)

The surviving works of literature and art inherited from classical Greece and Rome have been foundational to Western European culture. From the classical world have come the patterns within which intellectual thought has developed, the models from which canons of aesthetic excellence have been formed and the languages in which the original literary works were written, including more than 1,000 years of Christian theology.

The student who chooses to major in classics will acquire preparation that can key into any of the liberal arts, as well as provide enrichment for personal satisfaction. Students interested in pre-law, pre-medicine, education, and many of the sciences are encouraged to consider the classics offerings as electives, as are business majors aspiring to management.

All students who complete the classics major must be proficient in a foreign language. Proficiency is established upon satisfactory completion of the third quarter of a first-year college-level foreign language or its equivalent.

For alternative ways of satisfying this requirement, see [Competency Requirements](#) in this *Catalog*. Language proficiency is not satisfied by transfer of an associate's degree from a community college unless the transcript records the completion of adequate foreign language coursework.

### Classics: Student-designed

**Owen Ewald** ([ewaldo@spu.edu](mailto:ewaldo@spu.edu)), Contact person

### Admission to the Classics Major

Applicants for a major in classics must have a cumulative GPA of 3.0 or higher in all college work applicable to the B.A. degree and a 2.5 GPA in 10 credits of coursework at SPU in classics and/or Latin.

Since the major is student-designed, the student must work closely with the classics advisor. A student must complete the major requirements in effect when the student is admitted to the major.

[Requirements for the Major – Language Emphasis](#)

[Requirements for the Major – Cultural Emphasis](#)

[Requirements for the Minor – Classics](#)

[Requirements for the Minor – Latin](#)

*Note: Classical Latin courses appear under the Latin program requirements.*

### CLASSICS MAJOR: CULTURAL EMPHASIS

49 Credits Minimum, Including 25 Upper Division (UD)

[Suggested Course Sequence](#)

Classics Major: Cultural Emphasis	
Course	Credits
CLA 3104 <a href="#">Survey Ancient Greek Lit</a>	5
CLA 3170 <a href="#">Classical Civilization</a>	5
CLA 3204 <a href="#">Survey of Classical Latin Lit</a>	5
EUR 3100 <a href="#">Foundations of European Art</a>	3
CLA 4899 <a href="#">Senior Capstone in Classics</a>	3

<b>SECTION CREDITS REQUIRED</b>	<b>21</b>
<b>Other Approved Courses, Including:</b>	
<b>Course</b>	<b>Credits</b>
ART 2602 <a href="#">West Trad I: Ancient &amp; Medvl Art</a> (5)	
CLA 3100 <a href="#">Ancient Civilization</a> (5)	
COM 3628 <a href="#">Foundations Western Rhetoric</a> (5)	
GRK 2001 <a href="#">Elementary Classical Greek I</a> (3)	
GRK 2002 <a href="#">Elementary Classical Greek II</a> (3)	
GRK 4920 <a href="#">Indpdnt Readngs Classical Grk</a> (1-5)	28
LAT 2204 <a href="#">Latin Grammar Review</a> (3)	
LAT 4920 <a href="#">Indpdnt Readngs Classical Lat</a> (1-5)	
PHI 3601 <a href="#">Ancient Philosophy</a> (5)	
POL 4641 <a href="#">Theories of Poltcl Sys: Ancient</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>28</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>49</b>

<b>Additional Requirements:</b>
Foreign Language is required for this major. See faculty advisor for details.

**CLASSICS MAJOR: LANGUAGE EMPHASIS**  
50 Credits Minimum, Including 25 Upper Division (UD)  
[Suggested Course Sequence](#)

<b>Classics Major: Language Emphasis</b>	
<b>Course</b>	<b>Credits</b>
CLA 3104 <a href="#">Survey Ancient Greek Lit</a>	5
CLA 3170 <a href="#">Classical Civilization</a>	5
CLA 3204 <a href="#">Survey of Classical Latin Lit</a>	5
EUR 3100 <a href="#">Foundations of European Art</a>	3
CLA 4899 <a href="#">Senior Capstone in Classics</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>21</b>
<b>Classics-Language Emphasis: Classical Latin Courses</b>	
<b>Course</b>	<b>Credits</b>
LAT 1101 <a href="#">Elementary Latin I</a> (5)	
LAT 1102 <a href="#">Elementary Latin II</a> (5)	
LAT 1103 <a href="#">Elementary Latin III</a> (5)	
LAT 2204 <a href="#">Latin Grammar Review</a> (3)	24
LAT 4920 <a href="#">Indpdnt Readngs Classical Lat</a> (1-5)	
LAT 4930 <a href="#">Latin Tutorial Practicum</a> (1-6)	
LAT 4970 <a href="#">Directed Readings &amp; Research</a> (1-5)	
<b>SECTION CREDITS REQUIRED</b>	<b>24</b>
<b>Other Approved Course, Including:</b>	
<b>Course</b>	<b>Credits</b>
ART 2602 <a href="#">West Trad I: Ancient &amp; Medvl Art</a> (5)	
CLA 3100 <a href="#">Ancient Civilization</a> (5)	
COM 3628 <a href="#">Foundations Western Rhetoric</a> (5)	
GRK 2001 <a href="#">Elementary Classical Greek I</a> (3)	5
GRK 2002 <a href="#">Elementary Classical Greek II</a> (3)	
GRK 4920 <a href="#">Indpdnt Readngs Classical Grk</a> (1-5)	

PHI 3601 <a href="#">Ancient Philosophy</a> (5)	
POL 4641 <a href="#">Theories of Poltcl Sys:Ancient</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>50</b>

<b>Additional Requirements:</b>
Foreign Language is required for this major. See faculty advisor for details. Competency through 2103 required in one language

### CLASSICS OR LATIN MINOR

33 Credits Minimum, Including 15 Upper Division (UD)

<b>Classics Minor Core Requirements</b>	
Course	Credits
CLA 3170 <a href="#">Classical Civilization</a>	5
CLA 3104 <a href="#">Survey Ancient Greek Lit</a> (5)	5
CLA 3204 <a href="#">Survey of Classical Latin Lit</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>

### 23 Credits of Other Approved Courses

Course	Credits
ART 2602 <a href="#">West Trad I:Ancient&amp;Medvl Art</a> (5)	
CLA 3100 <a href="#">Ancient Civilization</a> (5)	
COM 3628 <a href="#">Foundations Western Rhetoric</a> (5)	
GRK 2001 <a href="#">Elementary Classical Greek I</a> (3)	
GRK 2002 <a href="#">Elementary Classical Greek II</a> (3)	
GRK 4920 <a href="#">Indpndnt Readngs Classical Grk</a> (1-5)	23
LAT 2204 <a href="#">Latin Grammar Review</a> (3)	
LAT 4920 <a href="#">Indpndnt Readngs Classical Lat</a> (1-5)	
PHI 3601 <a href="#">Ancient Philosophy</a> (5)	
POL 4641 <a href="#">Theories of Poltcl Sys:Ancient</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>23</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>33</b>

### COURSE DESCRIPTIONS:

[CLA 3100](#) | [CLA 3104](#) | [CLA 3170](#) | [CLA 3204](#) | [CLA 4899](#) | [CLA 4920](#) | [CLA 4930](#) | [VIEW ALL](#)

<b>CLA 3100: Ancient Civilization</b> (5) <a href="#">Offerings</a>
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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. Offered alternate years.

Cross-listed Courses: *HIS 3100* Attributes: *Arts and Humanities B, Upper-Division*

**CLA 3104: Survey Ancient Greek Lit (5) [Offerings](#)**

Surveys the chronological development of Greek poetry and prose in its social context. Enables the student to appreciate great literary works of continuing inspiration to European writers, with special emphasis on literary analysis. Taught in English. Offered alternate years.

Attributes: *Arts and Humanities B, Upper-Division*

**CLA 3170: Classical Civilization (5) [Offerings](#)**

Explores history, literature, and society of classical Greece and Rome stressing contributions to modern Western civilization.

Cross-listed Courses: *HIS 3170* Attributes: *Arts and Humanities B, Upper-Division*

**CLA 3204: Survey of Classical Latin Lit (5) [Offerings](#)**

Surveys the chronological development of Latin poetry and prose in its social context. Enables the student to appreciate great literary works of continuing inspiration to European writers. Special emphasis on literary themes and influence. Taught in English. Offered alternate years.

Attributes: *Arts and Humanities B, Upper-Division, Writing "W" Course*

**CLA 4899: Senior Capstone in Classics-IS (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 Readngs Classical Lit (1-5) [Offerings](#)**

Prerequisite: CLA 3170 May be repeated for credit up to 15 credits.

Attributes: *Upper-Division*

**CLA 4930: Classics Tutorial Practicum (1-5)** Offerings

Classics Tutorial Practicum



## FAMILY AND CONSUMER SCIENCES

Peterson Hall  
206-281-2195  
[spu.edu/depts/fcs](http://spu.edu/depts/fcs)

**FACULTY:** [Raedene Copeland](#), [Joey Freeman](#), [Daniela Geleva](#), [Sandra Hartje](#), [Sharleen Kato](#), [Jaeil Lee](#), [Beth Miller](#), [Gaile Moe](#)

Family and consumer sciences (FCS) is a multidisciplinary field of study integrating and applying knowledge from research within the discipline, the natural sciences, social and behavioral sciences, and the arts.

Using basic principles from these disciplines, family and consumer sciences offers solutions to problems faced by individuals, families, and communities. Students can major in the following:

- Secondary family and consumer sciences education
- Individual and family development
- Food and nutritional sciences
- Clothing and textiles
- Interior design

The program provides a strong undergraduate background for those students wishing to attend graduate school. Practicum and internship experiences are available in related industries, public service, and government, and are an integral part of the curriculum.

### Admission to the Majors

Admission to the **food and nutrition major** requires completion of the following courses: BIO 2129, BIO 2130, CHM 1211, CMH 1330, FCS 1050, and FCS 2365 or FCS 3340. A grade of C- or higher in each of these courses is required. An overall GPA of 2.8 or higher is required for the dietetics emphasis; an overall GPA of 2.5 or higher is required for the other food and nutrition emphases.

Formal application to the **interior design major** should be made upon the completion of the following courses: FCS 1050, Art 1102, FCS 1710, FCS 2702 and FCS 2204. Admission to the major requires an overall GPA of 2.5 or higher and a GPA of 2.8 or higher in the five courses previously listed. More specific requirements for the application process will be available in the department, but will include submitting a completed application form, a color board presentation, a short essay, and current transcripts. Applications will be reviewed during Spring Quarter.

Admission to all other FCS majors and specializations requires completion of at least three FCS courses and an overall GPA of 2.5 or higher.

The application for major status should be by the junior year. Faculty must approve all admissions. A student must complete the major requirements in effect when the student is admitted to the major.

### Requirements for the Majors

Family and consumer sciences views families as the fundamental social unit, and understanding individuals and families is central to each FCS major. The FCS general major prepares students to understand individuals and families and to motivate students to use their specialization knowledge to affect the direction of our culture through service to families and communities.

A variety of degree programs are available in family and consumer sciences, each built around a common core of courses designated as the family and consumer science core curriculum. Of the total credits required for a family and consumer science major, 25 credits must be upper-division credits.

[Core Curriculum Required for All FCS Majors.](#)

### **Individual and Family Development Major**

The individual and family development major is intended to prepare students to understand individuals and families, and to use their specialization knowledge to affect the direction of our culture through service to families in business, social service, and educational settings. The major includes supplementary upper-division coursework in sociology, psychology, and health sciences. All majors take the family and consumer sciences core.

#### Requirements for Individual and Family Development Major.

### **Family and Consumer Sciences Secondary Education Major**

The B.A. degree is offered in secondary family and consumer sciences education. All students working toward this degree are required to take the family and consumer sciences core and the required courses in the major to meet the endorsement standards in secondary certification.

Students who complete required courses in the major also meet endorsement standards in secondary certification. Students who complete the required courses in the major for secondary certification also meet state standards for certification in FCS career and technical education.

Students seeking teacher certification in family and consumer education at the secondary level must meet the requirements of the teacher education program. For complete FCS secondary education requirements, see the [School of Education](#).

#### Requirements for FCS Secondary Education Major.

### **Food and Nutritional Sciences Major**

The B.S. degree is offered in food and nutritional sciences. All majors must take the family and consumer sciences core courses and all required food and nutritional science courses, and specialized courses in one of three areas of study. Chemistry and biology prerequisite courses are best completed by the junior year.

The dietetics emphasis (DPD) in the food and nutritional sciences program, also known as the didactic program in dietetics, is approved by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association, which you can contact at:

- **Address:** 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995
- **Phone:** 312-899-0040, extension 5400
- **Web:** [eatright.org/cade](http://eatright.org/cade)

Students who complete the dietetics specialization are eligible to apply for a dietetic internship at another institution. Successful completion of the dietetic internship confers eligibility for the national registration exam for dietitians. If passed, the student becomes a registered dietitian (R.D.).

#### Requirements for the Food and Nutritional Sciences Major - Dietetics Emphasis

#### Requirements for the Food and Nutritional Sciences Major - Food and Nutrition Emphasis

#### Requirements for the Food and Nutritional Sciences Major - Sports and Exercise Emphasis

### **DPD for Post-Baccalaureate Students**

Admission to the University as a post-baccalaureate student requires a separate application. Admission to the DPD requires a minimum overall GPA of 2.8 and the completion of the following prerequisite courses, with attainment of C- (1.7) or better in each: BIO2101 General Biology, BIO 2129 Anatomy & Physiology, BIO 2130 Anatomy & Physiology, CHM 1211 General Chemistry, CHM 1330 Organic and Biological Chemistry, PSY 1100 or SOC 1100, FCS 2365 Food Science or FCS 3340 Human Nutrition.

Course requirements for non-degree seeking post-baccalaureate students desiring DPD verification are the same as those for the undergraduate dietetics emphasis except that FCS 1050 and FCS 3240 are omitted.

A transcript review by the DPD director will determine the courses that must be completed to fulfill the DPD requirements. Applicants may be asked to submit course syllabi for evaluation. Only courses completed within the last seven years will be considered for meeting DPD requirements. Students who opt to complete the requirements for a second baccalaureate

degree may be eligible for [federal student financial aid](#); non-degree or approved-certificate seeking students are not eligible for financial aid.

### **Clothing and Textiles Major**

The B.A. degree is offered in clothing and textiles. The curriculum is designed to train individuals for careers in the areas of retail merchandising, apparel manufacturing, and advertising.

#### [Requirements for the Clothing and Textiles Major - Apparel Design Emphasis](#)

#### [Requirements for the Clothing and Textiles Major - Fashion Merchandising Emphasis](#)

### **Fashion Institute of Technology (FIT)**

Students in the clothing and textiles program who have major status and have maintained over a 3.0 GPA may select from nine additional specializations if they are accepted into the liaison program with the [Fashion Institute of Technology](#) in New York City.

Specializations offered through the liaison program with FIT include accessories design; advertising and communication; advertising design; manufacturing management; fashion design; fashion buying and merchandising; jewelry design; textile/surface design; or textile development and marketing. Students considering this option should seek advisement early in their academic careers in order to meet the requirements of both FIT and SPU.

### **Interior Design Major**

The B.A. degree is offered in interior design, with two possible tracks, one in interior design and the second in interior merchandising.

Both tracks involve interdisciplinary courses with art, business, and family and consumer sciences. A student chapter of ASID ([American Society of Interior Designers](#)) is on campus to assist students as they prepare for entrance into the professional design community. Principles of universal design and sustainability are integrated into all studio courses.

Curriculum for the interior design track was developed to educate and train individuals for a variety of entry-level positions in interior design, including residential, commercial and hospitality design, as well as in specialization areas such as lighting.

Curriculum for the merchandising track was developed to educate and train individuals 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. Students can apply directly for admission into either interior design major track – design or merchandising. However, a maximum of 16 students will be accepted into the design track each year.

#### [Requirements for the Interior Design Major - Interior Design Emphasis](#)

#### [Requirements for the Interior Design Major - Interior Merchandising Emphasis](#)

### **Requirements for the Minors**

Three minors are offered:

- Individual and Family Development
- Food and Nutritional Sciences
- Clothing and Textiles

A minimum of 30 credits in family and consumer sciences, including 15 upper-division credits, are required for each of the three minors.

#### [Minor in Individual and Family Development](#)

#### [Minor in Food and Nutritional Sciences](#)

#### [Minor in Clothing and Textiles](#)

### **Integrated Studies Major with a concentration in Health and Fitness (For students seeking K-8 certification)**

Students who are planning to obtain elementary school certification and are interested in health and fitness must major in the [integrated studies major](#) with a concentration in health and fitness.

- The concentration consists of courses in nutrition, health, and physical education.
- [Application \(PDF\)](#) to this major is through the advisor for the Health and Fitness concentration, JoAnn Atwell-Scrivner ( [jaas@spu.edu](mailto:jaas@spu.edu) ).
- Further information on the [elementary certification program](#) is available in the [School of Education](#) section of the *Undergraduate Catalog*.

[Requirements for Integrated Studies: Health and Fitness concentration](#)  
[Requirements for Elementary Certification](#)

**FAMILY AND CONSUMER SCIENCES INDIVIDUAL & FAMILY DEVELOPMENT**

63 Credits Minimum, Including 25 Upper Division (UD)

[Suggested Course Sequence](#)

<b>Family and Consumer Sciences Core</b>	
Course	Credits
FCS 1050 <a href="#">Introduction to FCS</a>	2
FCS 3240 <a href="#">Individual &amp; Family Developmnt</a>	5
FCS 4899 <a href="#">FCS Senior Capstone</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>

<b>Individual and Family Development (35-40 FCS credits req.)</b>	
Course	Credits
FCS 2385 <a href="#">Food &amp; the Consumer</a> (3)	3
FCS 3340 <a href="#">Human Nutrition</a> (5)	
FCS 3280 <a href="#">Children and Families</a>	5
FCS 3321 <a href="#">Nutrition through Life Cycle</a>	3
FCS 3410 <a href="#">Individual &amp; Family Finance</a>	4
FCS 3710 <a href="#">Family Housing</a>	5
FCS 3875 <a href="#">Appearance and Culture</a>	3
FCS 4460 <a href="#">Work and Family</a>	5
FCS 4940 <a href="#">Internship</a>	2
HSC 3035 <a href="#">Human Sexuality</a> (3)	3
FCS 4240 <a href="#">Family Relations</a> (3)	
PSY 4460 <a href="#">Abnormal Psychology</a>	5
OR	
FCS 2702 <a href="#">Introductn to Interior Design</a> (3)	8
FCS 2820 <a href="#">Intro to the Fashion Industry</a> (5)	
FCS 4510 <a href="#">Curriculum,Presntatn&amp;Evaluation</a>	5
FCS 2252 <a href="#">Marriage and the Family</a> (5)	5
FCS 2365 <a href="#">Food Science</a> (5)	
FCS 3365 <a href="#">Nutrition and Meal Planning</a> (5)	
SOC 3751 <a href="#">Intro to Research Methods</a> (5)	
SOC 3862 <a href="#">Race and Ethnicity</a> (5)	
SOC 4210 <a href="#">Gender in the Global Context</a> (5)	
SOC 4252 <a href="#">Sociology of Family</a> (5)	
PSY 4420 <a href="#">Adolescent Developmental Psych</a> (5)	
FCS 4930 <a href="#">Practicum</a> (5)	

<b>SECTION CREDITS REQUIRED</b>	<b>53</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>63</b>

## SECONDARY FAMILY AND CONSUMER SCIENCES EDUCATION

70 Credits Minimum, Including 25 Upper Division (UD)

### Suggested Course Sequence

<b>Family and Consumer Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
FCS 1050 <a href="#">Introduction to FCS</a>	2
FCS 3240 <a href="#">Individual &amp; Family Developmnt</a>	5
FCS 4899 <a href="#">FCS Senior Capstone</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>

<b>Family and Consumer Sciences Secondary Education Core</b>	
<b>Course</b>	<b>Credits</b>
FCS 2365 <a href="#">Food Science</a>	5
FCS 2385 <a href="#">Food &amp; the Consumer</a>	3
FCS 2702 <a href="#">Introductn to Interior Design</a> (3) FCS 1710 <a href="#">Global Impacts of Design</a> (5)	3
FCS 3280 <a href="#">Children and Families</a>	5
FCS 3365 <a href="#">Nutrition and Meal Planning</a>	4
FCS 3410 <a href="#">Individual &amp; Family Finance</a>	4
FCS 3564 <a href="#">FCS Presentation Skills</a>	5
FCS 3710 <a href="#">Family Housing</a>	5
FCS 2820 <a href="#">Intro to the Fashion Industry</a> (5) FCS 3875 <a href="#">Appearance and Culture</a> (3)	3
FCS 4460 <a href="#">Work and Family</a>	5
FCS 4510 <a href="#">Curriculum, Presntatn&amp;Evaluation</a>	5
FCS 4512 <a href="#">Aspects Career&amp;Tech Ed FACSE</a>	3
HSC 3035 <a href="#">Human Sexuality</a> (3) FCS 4240 <a href="#">Family Relations</a> (3)	3
SOC 4252 <a href="#">Sociology of Family</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>60</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>70</b>

## INDIVIDUAL AND FAMILY DEVELOPMENT MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

<b>Required Courses</b>	
<b>Course</b>	<b>Credits</b>
FCS 1050 <a href="#">Introduction to FCS</a>	2
FCS 3280 <a href="#">Children and Families</a>	5
FCS 3240 <a href="#">Individual &amp; Family Developmnt</a>	5

FCS 3410 <a href="#">Individual &amp; Family Finance</a>	4
FCS 4460 <a href="#">Work and Family</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>21</b>
<b>Additional courses to total at least 30 credits</b>	
<b>Course</b>	<b>Credits</b>
FCS 2252 <a href="#">Marriage and the Family</a> (5)	9
FCS 2365 <a href="#">Food Science</a> (5)	
FCS 2385 <a href="#">Food &amp; the Consumer</a> (3)	
FCS 2702 <a href="#">Introductn to Interior Design</a> (3)	
FCS 2820 <a href="#">Intro to the Fashion Industry</a> (5)	
FCS 2870 <a href="#">Seeing History Through Clothes</a> (5)	
FCS 3321 <a href="#">Nutrition through Life Cycle</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

### FOOD AND NUTRITIONAL SCIENCES MAJOR - DIETETICS EMPHASIS

108 Credits Minimum, Including 25 Upper Division (UD)

#### Suggested Course Sequence

##### **Family and Consumer Sciences Core**

Course	Credits
FCS 1050 <a href="#">Introduction to FCS</a>	2
FCS 3240 <a href="#">Individual &amp; Family Developmnt</a>	5
FCS 4899 <a href="#">FCS Senior Capstone</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>

##### **General Core**

Course	Credits
FCS 2365 <a href="#">Food Science</a>	5
FCS 3321 <a href="#">Nutrition through Life Cycle</a>	3
FCS 3340 <a href="#">Human Nutrition</a>	5
FCS 3365 <a href="#">Nutrition and Meal Planning</a>	5
FCS 4330 <a href="#">Advanced Nutrition&amp;Metabolism</a>	5
FCS 4350 <a href="#">Community Nutrition &amp;Education</a>	5
FCS 4367 <a href="#">Experimental Foods</a>	5
BIO 2101 <a href="#">General Biology</a>	5
BIO 2129 <a href="#">Human Anatomy &amp; Physiology</a> (5)	10
BIO 2130 <a href="#">Human Anatomy &amp; Physiology</a> (5)	
BIO 3351 <a href="#">General Microbiology</a>	5
HSC 4044 <a href="#">Biomed Tests, Measrmts &amp; Stats</a> (5)	5
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>58</b>

##### **Choose One of the Chemistry Groups Below:**

Course	Credits
CHM 1211 <a href="#">General Chemistry I</a> (5)	10

CHM 1330 <a href="#">Organic &amp; Biological Chemistry</a> (5)	
OR	
CHM 1211 <a href="#">General Chemistry I</a> (5)	
CHM 1212 <a href="#">General Chemistry II</a> (5)	
CHM 3371 <a href="#">Organic Chemistry I</a> (5)	
CHM 3372 <a href="#">Organic Chemistry II</a> (5)	35
CHM 3373 <a href="#">Organic Chemistry III</a> (5)	
CHM 4361 <a href="#">Biochemistry</a> (5)	
CHM 4362 <a href="#">Biochemistry</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Dietetics Specialization</b>	
<b>Course</b>	<b>Credits</b>
ACCT 2361 <a href="#">Financial Accounting</a>	5
BUS 3614 <a href="#">Organizational Behavior for Managers</a> (5)	5
BUS 3657 <a href="#">Human Resource Management</a> (5)	
FCS 2375 <a href="#">Food Production &amp; Management</a>	5
FCS 3310 <a href="#">The Profession of Dietetics</a>	2
FCS 3350 <a href="#">Counseling Theory &amp; Skills</a>	3
FCS 4340 <a href="#">Medical Nutrition Therapy I</a> (5)	10
FCS 4341 <a href="#">Medical Nutrition Therapy II</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>30</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>108</b>

### FOOD AND NUTRITIONAL SCIENCES MAJOR - FOOD & NUTRITION EMPH

83 Credits Minimum, Including 25 Upper Division (UD)

#### [Suggested Course Sequence](#)

<b>Family and Consumer Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
FCS 1050 <a href="#">Introduction to FCS</a>	2
FCS 3240 <a href="#">Individual &amp; Family Development</a>	5
FCS 4899 <a href="#">FCS Senior Capstone</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>General Core</b>	
<b>Course</b>	<b>Credits</b>
FCS 2365 <a href="#">Food Science</a>	5
FCS 3321 <a href="#">Nutrition through Life Cycle</a>	3
FCS 3340 <a href="#">Human Nutrition</a>	5
FCS 3365 <a href="#">Nutrition and Meal Planning</a>	5
FCS 4330 <a href="#">Advanced Nutrition &amp; Metabolism</a>	5
FCS 4350 <a href="#">Community Nutrition &amp; Education</a>	5
FCS 4367 <a href="#">Experimental Foods</a>	5
BIO 2101 <a href="#">General Biology</a>	5
BIO 2129 <a href="#">Human Anatomy &amp; Physiology</a> (5)	10
BIO 2130 <a href="#">Human Anatomy &amp; Physiology</a> (5)	

BIO 3351 <a href="#">General Microbiology</a>	5
HSC 4044 <a href="#">Biomed Tests, Mearsmts &amp; Stats</a> (5)	5
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>58</b>
<b>Choose One of the Chemistry Groups Below:</b>	
<b>Course</b>	<b>Credits</b>
CHM 1211 <a href="#">General Chemistry I</a> (5)	10
CHM 1330 <a href="#">Organic &amp; Biological Chemistry</a> (5)	
OR	
CHM 1211 <a href="#">General Chemistry I</a> (5)	35
CHM 1212 <a href="#">General Chemistry II</a> (5)	
CHM 3371 <a href="#">Organic Chemistry I</a> (5)	
CHM 3372 <a href="#">Organic Chemistry II</a> (5)	
CHM 3373 <a href="#">Organic Chemistry III</a> (5)	
CHM 4361 <a href="#">Biochemistry</a> (5)	
CHM 4362 <a href="#">Biochemistry</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Food and Nutrition Specialization</b>	
<b>Course</b>	<b>Credits</b>
FCS 2375 <a href="#">Food Production &amp; Management</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>83</b>

#### FOOD AND NUTRITIONAL SCIENCES MAJOR - SPORTS & EXERCISE EMPH

104 Credits Minimum, Including 25 Upper Division (UD)

##### [Suggested Course Sequence](#)

<b>Family and Consumer Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
FCS 1050 <a href="#">Introduction to FCS</a>	2
FCS 3240 <a href="#">Individual &amp; Family Developmnt</a>	5
FCS 4899 <a href="#">FCS Senior Capstone</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>General Core</b>	
<b>Course</b>	<b>Credits</b>
FCS 2365 <a href="#">Food Science</a>	5
FCS 3321 <a href="#">Nutrition through Life Cycle</a>	3
FCS 3340 <a href="#">Human Nutrition</a>	5
FCS 3365 <a href="#">Nutrition and Meal Planning</a>	5
FCS 4330 <a href="#">Advanced Nutrition&amp;Metabolism</a>	5
FCS 4350 <a href="#">Community Nutrition &amp;Education</a>	5
FCS 4367 <a href="#">Experimental Foods</a>	5
BIO 2101 <a href="#">General Biology</a>	5
BIO 2129 <a href="#">Human Anatomy &amp; Physiology</a> (5)	10
BIO 2130 <a href="#">Human Anatomy &amp; Physiology</a> (5)	



BIO 3351 <a href="#">General Microbiology</a>	5
HSC 4044 <a href="#">Biomed Tests, Mearsmts &amp; Stats</a> (5)	5
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>58</b>
<b>Choose One of the Chemistry Groups Below:</b>	
<b>Course</b>	<b>Credits</b>
CHM 1211 <a href="#">General Chemistry I</a> (5)	10
CHM 1330 <a href="#">Organic &amp; Biological Chemistry</a> (5)	
OR	
CHM 1211 <a href="#">General Chemistry I</a> (5)	35
CHM 1212 <a href="#">General Chemistry II</a> (5)	
CHM 3371 <a href="#">Organic Chemistry I</a> (5)	
CHM 3372 <a href="#">Organic Chemistry II</a> (5)	
CHM 3373 <a href="#">Organic Chemistry III</a> (5)	
CHM 4361 <a href="#">Biochemistry</a> (5)	
CHM 4362 <a href="#">Biochemistry</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Sports and Exercise Specialization</b>	
<b>Course</b>	<b>Credits</b>
FCS 4310 <a href="#">Sports and Exercise Nutrition</a>	3
FCS 4340 <a href="#">Medical Nutrition Therapy I</a> (5)	10
FCS 4341 <a href="#">Medical Nutrition Therapy II</a> (5)	
PES 1301 <a href="#">Wellness and Physical Activity</a> (3)	8
PES 3580 <a href="#">Exercise Physiology</a> (5)	
PES 4585 <a href="#">Applied Exercise Science</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>26</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>104</b>

**FOOD AND NUTRITIONAL SCIENCES MINOR**  
30 Credits Minimum, Including 15 Upper Division (UD)

<b>Food and Nutritional Sciences Core Requirements</b>	
<b>Course</b>	<b>Credits</b>
FCS 2365 <a href="#">Food Science</a>	5
FCS 3340 <a href="#">Human Nutrition</a>	5
FCS 4330 <a href="#">Advanced Nutrition&amp;Metabolism</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Electives: Select at least 15 credits from the following</b>	
<b>Course</b>	<b>Credits</b>
FCS 3321 <a href="#">Nutrition through Life Cycle</a> (3)	15
FCS 3365 <a href="#">Nutrition and Meal Planning</a> (5)	
FCS 4310 <a href="#">Sports and Exercise Nutrition</a> (3)	
FCS 4340 <a href="#">Medical Nutrition Therapy I</a> (5)	
FCS 4341 <a href="#">Medical Nutrition Therapy II</a> (5)	
FCS 4367 <a href="#">Experimental Foods</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>

<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>	
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**CLOTHING AND TEXTILES MAJOR - APPAREL DESIGN EMPHASIS**

72 Credits Minimum, Including 25 Upper Division (UD)

Suggested Course Sequence

<b>Family and Consumer Sciences Core</b>		
<b>Course</b>		<b>Credits</b>
FCS 1050	<a href="#">Introduction to FCS</a>	2
FCS 3240	<a href="#">Individual &amp; Family Developmnt</a>	5
FCS 4899	<a href="#">FCS Senior Capstone</a>	3
<b>SECTION CREDITS REQUIRED</b>		<b>10</b>
<b>General Core: Clothing and Textiles</b>		
<b>Course</b>		<b>Credits</b>
FCS 1840	<a href="#">Basic Clothing Construction</a>	3
FCS 2820	<a href="#">Intro to the Fashion Industry</a>	5
FCS 3830	<a href="#">Textiles</a>	5
FCS 3840	<a href="#">Flat Pattern Design</a>	5
FCS 3842	<a href="#">Apparel Productn &amp; Evaluation</a>	5
FCS 3870	<a href="#">History of Costume</a>	5
FCS 3875	<a href="#">Appearance and Culture</a>	3
<b>SECTION CREDITS REQUIRED</b>		<b>31</b>
<b>Apparel Design Emphasis</b>		
<b>Course</b>		<b>Credits</b>
ART 1102	<a href="#">Drawing Studio: Observtn&amp;Realism</a>	5
ART 2112	<a href="#">Drawing Studio: Beginng Figure</a>	3
FCS 2110	<a href="#">Fashion Illustration</a>	3
FCS 4843	<a href="#">CAD for Apparel Design</a>	5
ART 1205	<a href="#">Design Studio Color (5)</a>	5
FCS 4844	<a href="#">Advanced Apparel Design (5)</a>	
FCS 4940	<a href="#">Internship (5)</a>	
FCS 4840	<a href="#">Apparel Design through Draping</a>	5
FCS 4846	<a href="#">CAD for Apparel Portfolio</a>	5
<b>SECTION CREDITS REQUIRED</b>		<b>31</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>72</b>

**LOTING AND TEXTILES MAJOR - FASHION MERCHANDISING EMPHASIS**

73 Credits Minimum, Including 25 Upper Division (UD)

Suggested Course Sequence

<b>Family and Consumer Sciences Core</b>		
<b>Course</b>		<b>Credits</b>
FCS 1050	<a href="#">Introduction to FCS</a>	2
FCS 3240	<a href="#">Individual &amp; Family Developmnt</a>	5

FCS 4899 <a href="#">FCS Senior Capstone</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>General Core: Clothing and Textiles</b>	
<b>Course</b>	<b>Credits</b>
FCS 1840 <a href="#">Basic Clothing Construction</a>	3
FCS 2820 <a href="#">Intro to the Fashion Industry</a>	5
FCS 3830 <a href="#">Textiles</a>	5
FCS 3840 <a href="#">Flat Pattern Design</a>	5
FCS 3842 <a href="#">Apparel Productn &amp; Evaluation</a>	5
FCS 3870 <a href="#">History of Costume</a>	5
FCS 3875 <a href="#">Appearance and Culture</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>31</b>
<b>Fashion Merchandising Emphasis</b>	
<b>Course</b>	<b>Credits</b>
FCS 3822 <a href="#">Apparel Retail Merchandising</a>	5
FCS 4822 <a href="#">Fashion Merchandising Seminar</a>	1
ACCT 2361 <a href="#">Financial Accounting</a>	5
ECN 2101 <a href="#">Principles of Microeconomics</a> (5)	5
ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	
BUS 3828 <a href="#">International Business</a>	5
CSC 1123 <a href="#">Spreadsheets</a>	1
BUS 3541 <a href="#">Marketing &amp; Society</a> (5)	5
BUS 3544 <a href="#">Advertising</a> (5)	
BUS 3657 <a href="#">Human Resource Management</a> (5)	
FCS 3825 <a href="#">Retail Buying and Management</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>32</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>73</b>

### CLOTHING & TEXTILES MINOR

31 Credits Minimum, Including 15 Upper Division (UD)

<b>Clothing &amp; Textiles Minor Core Requirements</b>	
<b>Course</b>	<b>Credits</b>
FCS 1840 <a href="#">Basic Clothing Construction</a>	3
FCS 2820 <a href="#">Intro to the Fashion Industry</a>	5
FCS 3830 <a href="#">Textiles</a>	5
FCS 3840 <a href="#">Flat Pattern Design</a>	5
FCS 3870 <a href="#">History of Costume</a>	5
FCS 3875 <a href="#">Appearance and Culture</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>26</b>
<b>Select a minimum of 5 credits from the following courses:</b>	

Course	Credits
FCS 2110 <a href="#">Fashion Illustration</a> (3)	
FCS 3822 <a href="#">Apparel Retail Merchandising</a> (5)	
FCS 3842 <a href="#">Apparel Productn &amp; Evaluation</a> (5)	5
FCS 4822 <a href="#">Fashion Merchandising Seminar</a> (1)	
FCS 4843 <a href="#">CAD for Apparel Design</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>31</b>

### INTERIOR DESIGN - INTERIOR MERCHANDISING SPECIALIZATION

91 Credits Minimum, Including 25 Upper Division (UD)

#### [Suggested Course Sequence](#)

<b>Family and Consumer Sciences Core</b>	
Course	Credits
FCS 1050 <a href="#">Introduction to FCS</a>	2
FCS 3240 <a href="#">Individual &amp; Family Developmnt</a>	5
FCS 4899 <a href="#">FCS Senior Capstone</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>

<b>Interior Design Core</b>	
Course	Credits
ART 1102 <a href="#">Drawng Studio:Observtn&amp;Realism</a>	5
ART 2603 <a href="#">West Trad II:Art since Renssnc</a>	5
FCS 1710 <a href="#">Global Impacts of Design</a>	5
FCS 2204 <a href="#">Interior Design Studio</a>	5
FCS 2702 <a href="#">Introductn to Interior Design</a>	3
FCS 2730 <a href="#">Professional Practice</a>	3
FCS 3712 <a href="#">Lighting Design</a>	4
FCS 3720 <a href="#">Universal Design in Housing</a>	3
FCS 3740 <a href="#">Contemporary Design History</a>	5
FCS 3830 <a href="#">Textiles</a>	5
FCS 4730 <a href="#">Sustainability and Materials</a>	5
FCS 4940 <a href="#">Internship</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>51</b>

<b>Interior Merchandising Specialization</b>	
Course	Credits
ACCT 2361 <a href="#">Financial Accounting</a>	5
COM 1321 <a href="#">Public Speaking</a> (5)	5
FCS 3564 <a href="#">FCS Presentation Skills</a> (5)	5
CSC 1123 <a href="#">Spreadsheets</a>	1
FCS 3710 <a href="#">Family Housing</a> (5)	4
FCS 3730 <a href="#">Building Construction</a> (4)	4
FCS 3822 <a href="#">Apparel Retail Merchandising</a>	5

<b>SECTION CREDITS REQUIRED</b>	<b>20</b>
<b>Select Two of the Following</b>	
<b>Course</b>	<b>Credits</b>
BUS 3541 <a href="#">Marketing &amp; Society</a> (5)	10
BUS 3545 <a href="#">Sales &amp; Sales Management</a> (5)	
BUS 3614 <a href="#">Organizatlal Behavr for Managrs</a> (5)	
BUS 3657 <a href="#">Human Resource Management</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>91</b>

### INTERIOR DESIGN MAJOR

110 Credits Minimum, Including 25 Upper Division (UD)

[Suggested Course Sequence](#)

<b>Family and Consumer Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
FCS 1050 <a href="#">Introduction to FCS</a>	2
FCS 3240 <a href="#">Individual &amp; Family Developmnt</a>	5
FCS 4899 <a href="#">FCS Senior Capstone</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Interior Design Requirements</b>	
<b>Course</b>	<b>Credits</b>
FCS 1710 <a href="#">Global Impacts of Design</a>	5
FCS 2204 <a href="#">Interior Design Studio</a>	5
FCS 2702 <a href="#">Introductn to Interior Design</a>	3
FCS 2730 <a href="#">Professional Practice</a>	3
FCS 3710 <a href="#">Family Housing</a>	5
FCS 3712 <a href="#">Lighting Design</a>	4
FCS 3714 <a href="#">Advanced Design-Interiors</a>	5
FCS 3720 <a href="#">Universal Design in Housing</a>	3
FCS 3730 <a href="#">Building Construction</a>	4
FCS 3740 <a href="#">Contemporary Design History</a>	5
FCS 3830 <a href="#">Textiles</a>	5
FCS 3843 <a href="#">CAD I for Interior Design</a>	3
FCS 4710 <a href="#">Adv Design II-Resdntl Interior</a>	5
FCS 4712 <a href="#">Adv Design II-Commercial Inter</a>	5
FCS 4720 <a href="#">Portfolio and Exhibition</a>	2
FCS 4730 <a href="#">Sustainability and Materials</a>	5
FCS 4743 <a href="#">CAD II for Interior Design</a>	3
FCS 4744 <a href="#">CAD III for Interior Design</a>	2
FCS 4940 <a href="#">Internship</a>	3

ACCT 2361 <a href="#">Financial Accounting</a> (5)	5
BUS 1600 <a href="#">Intro to Business Practice</a> (5)	
ART 1102 <a href="#">Drawng Studio:Observtn&amp;Realism</a>	5
ART 1205 <a href="#">Design Studio Color</a>	5
ART 2603 <a href="#">West Trad II:Art since Renssnc</a>	5
ART 1104 <a href="#">Drawing Studio:Perspective</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>100</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>110</b>

## COURSE DESCRIPTIONS:

[FCS 1050](#) | [FCS 1710](#) | [FCS 1840](#) | [FCS 2110](#) | [FCS 2204](#) | [FCS 2252](#) | [FCS 2365](#) | [FCS 2375](#) | [FCS 2385](#) | [FCS 2702](#) | [FCS 2730](#) | [FCS 2820](#) | [FCS 2870](#) | [FCS 3240](#) | [FCS 3280](#) | [FCS 3310](#) | [FCS 3321](#) | [FCS 3340](#) | [FCS 3350](#) | [FCS 3365](#) | [FCS 3385](#) | [FCS 3410](#) | [FCS 3710](#) | [FCS 3712](#) | [FCS 3714](#) | [FCS 3720](#) | [FCS 3730](#) | [FCS 3740](#) | [FCS 3822](#) | [FCS 3825](#) | [FCS 3827](#) | [FCS 3828](#) | [FCS 3830](#) | [FCS 3840](#) | [FCS 3842](#) | [FCS 3843](#) | [FCS 3870](#) | [FCS 3875](#) | [FCS 4240](#) | [FCS 4310](#) | [FCS 4330](#) | [FCS 4340](#) | [FCS 4341](#) | [FCS 4350](#) | [FCS 4367](#) | [FCS 4460](#) | [FCS 4510](#) | [FCS 4512](#) | [FCS 4710](#) | [FCS 4712](#) | [FCS 4720](#) | [FCS 4730](#) | [FCS 4743](#) | [FCS 4744](#) | [FCS 4822](#) | [FCS 4840](#) | [FCS 4843](#) | [FCS 4844](#) | [FCS 4846](#) | [FCS 4899](#) | [FCS 4900](#) | [FCS 4930](#) | [FCS 4931](#) | [FCS 4940](#) | [VIEW ALL](#)

### **FCS 1050: Introduction to FCS** (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](#)

Examines how design has been affected by various historical events and how design in turn affects history. Begins with an overview of creativity and how individuals are affected by design, and proceeds to survey the history of design and architecture from the Early Christian era through the beginning of the 20th century. The elements and principles of design, tools used by every designer, will be explored. Design-related issues regarding sustainability will be examined. Includes local field trips and events. Part of the course will be web-based.

Attributes: *Arts and Humanities A*

**FCS 1840: Basic Clothing Construction (3) [Offerings](#)**

Presents basic techniques necessary for the construction of simple garments. This is a skills-oriented class designed to develop strong competencies required by the beginning sewer who wishes to become proficient in constructing professional-looking apparel.

**FCS 2110: Fashion Illustration (3) [Offerings](#)**

Prerequisite: ART 2112. 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 up to 6 credits.

**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. Extra fee. Includes a local field trip.

Restrictions: *Freshman students are excluded.*

**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.

Cross-listed Courses: SOC 2252

**FCS 2365: Food Science (5) [Offerings](#)**

**FCS 2365: Food Science - Lab (0) [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. Extra fee.

Restrictions: *Freshman students are excluded.*

**FCS 2375: Food Production & Management (5) [Offerings](#)**

Prerequisite: FCS 2365. Surveys the organization, management, and cost control of food service operations. Includes laboratory experience in quantity food-service facilities in Seattle. Extra fee.

**FCS 2385: Food & the Consumer (3) [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.

**FCS 2702: Introductn to Interior Design (3) [Offerings](#)**

Examines elements and principles of design applied to residential and commercial interiors, and provides an overview of the design process and the interior design profession.

Restrictions: *Freshman students are excluded.*

**FCS 2730: Professional Practice (3) [Offerings](#)**

Prerequisites: FCS 2204 and 2702; ACCT 2361 or BUS 1600, or permission of instructor. 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 place 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 & Textiles, Fashion Merchandising, Interior Design Majors only. Freshman students are excluded.*

**FCS 2820: Intro to the Fashion Industry (5) [Offerings](#)**

Presents an overview of the background, structure, and operation of the ever-changing world of the fashion industry. Provides basic knowledge and skills for effective development in understanding the fashion industry and fashion. Allows



a chance to explore one's personal attributes and different career opportunities in the fashion industry.

Restrictions: *Freshman students are excluded.*

**FCS 2870: Seeing History Through Clothes (5) [Offerings](#)**

Study of how political, economic, and sociological factors have influenced people's clothing choices and the materials available for dress. This course will examine clothing styles throughout history, from early Egypt to the present day, with special focus on dress during the 18th, 19th, and 20th centuries.

Attributes: *Arts and Humanities A* Restrictions: *Senior students are excluded.*

**FCS 3240: Individual & Family Developmnt (5) [Offerings](#)**

Prerequisite: FCS 1050. 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.*

**FCS 3280: Children and Families (5) [Offerings](#)**

Analyzes factors that affect development of the child physically, emotionally, socially, and intellectually within family and other social settings. Identifies the impact of health, the environment and society on the child. 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.

Attributes: *Upper-Division* Restrictions: *Junior, 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* Restrictions: *Freshman, Sophomore students are*

excluded.

**FCS 3321: Nutrition through Life Cycle (3) [Offerings](#)**

Prerequisite: FCS 2385 or 3340. 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*

**FCS 3340: Human Nutrition (5) [Offerings](#)**

Prerequisites: Any two of the following: CHM 1211, CHM 1330, BIO 2101, BIO 2129, or 2130. 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*

**FCS 3350: Counseling Theory & Skills (3) [Offerings](#)**

Examines the knowledge and skills required for effective nutrition counseling. Includes health behavior theories and counseling strategies for individuals that are part of the client-centered counseling process. Uses case studies, client simulations and role playing to develop skills.

Attributes: *Upper-Division* Restrictions: *Food & Nutritional Sciences Majors only. Freshman, Sophomore students are excluded.*

**FCS 3365: Nutrition & Meal Planning-Lab (0) [Offerings](#)**

**FCS 3365: Nutrition and Meal Planning (5) [Offerings](#)**

Prerequisite: FCS 2365, 2385, or 3340. 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. Extra fee.

Attributes: *Upper-Division*

**FCS 3385: Food & 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. Extra fee. May be repeated for credit up to 6 credits.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman, Sophomore students are excluded.*

**FCS 3410: Individual & Family 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: Family Housing (5) Offerings**

This survey course studies housing as a complex process and product that meets individual, family, and community needs. Housing is demanded by consumers and supplied by the private, nonprofit, and government sectors of the economy. The provision of housing is further impacted by government policies at the local, state, and federal level. Topics addressed include defining housing, housing constraints, construction, styles, housing tenure, financing home ownership, the housing market, housing for special populations, and social issues related to housing.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman, Sophomore students are excluded.*

**FCS 3712: Lighting Design (4) Offerings**

Prerequisites: FCS 2204 and 2702. 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.*

**FCS 3714: Advanced Design-Interiors (5) Offerings**

Prerequisite: FCS 2204. Applies the design process to practical problems in interior-design drafting. Incorporates elements of space planning, universal design, and organization of commercial space. Extra fee. Includes local field trips.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**FCS 3720: Universal Design in Housing (3) Offerings**

Prerequisites: FCS 2702 and 2204. 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.*

**FCS 3730: Building Construction (4) Offerings**

Prerequisites: FCS 1710, 2204, and 2702. 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.*

**FCS 3740: Contemporary Design History (5) Offerings**

Prerequisites: FCS 1710 and 2702, or permission of Instructor. Surveys notable international furniture, interior design and architecture from the 19th and 20th centuries. Underlying cultural and technological practices and innovations will be

explores, as well as environmental ramifications of design and architectural processes. Field trips may be included. May be repeated for credit 1 time.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Fashion Merchandising, Interior Design Majors only. Freshman students are excluded.*

**FCS 3822: Apparel Retail Merchandising (5) [Offerings](#)**

Prerequisite: FCS 2820. Studies the fundamentals of successful retail strategic management and merchandising. Introduces the role of retail buyers in merchandise management and organization, and operation of retail firms offering apparel products. Emphasizes external market analysis, and internal planning and management procedures to satisfy consumer needs within profitable retail organization.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**FCS 3825: Retail Buying and Management (5) [Offerings](#)**

Prerequisites: FCS 2820, 3822 and Mathematics Placement Level A. Studies retail buyer's role in merchandise management including decision making, planning, control processes, negotiating, buying, pricing, and preparing merchandise for sale. Quantitative analysis of inventory planning, pricing, and control for the profitable management of soft goods is also covered.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**FCS 3827: Prep for Global Fashn Study Tr (1-5) [Offerings](#)**

Prerequisite: Personal interviews may be required. Develops a foundation of knowledge about global manufacturing, retailing, channels of distribution, consumers, business etiquette, and cultures of host countries that will enable students to achieve objectives of study abroad experience. May be repeated for credit up to 10 credits.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**FCS 3828: Global Fashion Study Tour (1-10) [Offerings](#)**

Prerequisite: FCS 3827 with a minimum grade of C-. Enables students to gain an understanding of global manufacturing, designing and merchandising through experiencing retailing venues, observing consumers and cultures, visiting vendors of fashion products produced overseas for sale in the global fashion market, and visiting channel of distribution entities for apparel products. May be repeated for credit up to 20 credits.

Attributes: *Upper-Division*

**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**

Prerequisite: FCS 1840 and Mathematics Placement Level A. Presents basic drafting and sewing techniques necessary for the construction of basic and torso muslin and slopers. Provides basic pattern engineering and construction skills to develop creative designed garments.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**FCS 3842: Apparel Productn & Evaluation (5) Offerings**

Prerequisites: FCS 1840 and 3840 or permission of instructor. 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.*

**FCS 3843: CAD I for Interior Design (3) Offerings**

Prerequisite: FCS 2204. 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.*

**FCS 3870: History of Costume (5) Offerings**

Studies textile and costume designs of civilizations from the ancient to present day. Social, economic and political factors of various periods and their influence on evolution of costume and the importance of women's role in the history of Western dress are major emphases. Integrates costume with various arts: painting, sculpture, drama, and music. A women's studies minor course.

Attributes: *Arts and Humanities A, Upper-Division* 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 in various cultures.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman, Sophomore students are excluded.*

**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 4310: Sports and Exercise Nutrition (3) Offerings**

Prerequisites: FCS 3340 or permission of instructor. 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*

**FCS 4330: Advanced Nutrition&Metabolism (5) [Offerings](#)**

Prerequisites: CHM 1330, BIO 2101, 2130, and FCS 3340. Expanded discussion of nutrient interrelationships, intermediary metabolism, nutrient requirements for health maintenance, and research methodologies in nutrition science. Students read and evaluate nutrition-related scientific publications and synthesize information on a recent or controversial topic in human nutrition in a rigorous research paper.

Attributes: *Upper-Division, Writing "W" Course*

**FCS 4340: Medical Nutrition Therapy I (5) [Offerings](#)**

Prerequisites: FCS 2365 and 3340. 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.*

**FCS 4341: Medical Nutrition Therapy II (5) [Offerings](#)**

Prerequisite: FCS 4340. 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: *Freshman, Sophomore students are excluded.*

**FCS 4350: Community Nutrition &Education (5) [Offerings](#)**



Prerequisites: FCS 3340 or permission of instructor. 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. Students learn and practice principles of nutrition education in various settings with hands-on projects and applications.

Attributes: Upper-Division Restrictions: Freshman students are excluded.

**FCS 4367: Experimental Foods (5) Offerings**

Prerequisite: FCS 2365, CHM 1330 and Statistics. 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. Extra fee.

Attributes: Upper-Division, Writing "W" Course

**FCS 4460: Work and Family (5) Offerings**

Focuses on the connections between work and family. Includes strategies for maximizing management influences on individuals and families at varying stages of the lifecycle and socioeconomic levels. Issues related to workplace environments, public policy related to family needs, and the role of work-family coordination.

Attributes: Upper-Division Restrictions: Freshman students are excluded.

**FCS 4510: Curriculum, Presentation & Evaluation (5) Offerings**

Prerequisites: FCS 2365, or 2385, or 2240, 3240, 3410, 3710, 3875, or permission of instructor. Explores methods and strategies for teaching family and consumer science concepts. Provides opportunity for skill development in teaching presentation techniques that utilize the lecture/demonstration method. Emphasizes a critical understanding, development, and organization of the subject content that promotes student learning and meets national and state standards.

Attributes: Upper-Division Restrictions: Family & Consumer Sciences Majors are excluded. Freshman, Sophomore students are excluded.

**FCS 4512: Aspects Career&Tech Ed FACSE (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: Adv Design II-Resdntl Interior (5) [Offerings](#)**

Prerequisites: ART 1104, FCS 3712, and 3714, FCS 4730 is recommended. Focuses on honing advanced skills in architectural drafting, sketching, space planning, and presentation. Applies the design process to projects in residential design. Extra fee. May be repeated for credit 1 time.

*Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.*

**FCS 4712: Adv Design II-Commercial Inter (5) [Offerings](#)**

Prerequisite: FCS 3712, 3714, 4743, and 4744 all with a C- or better. FCS 4730 is recommended. Focuses on honing advanced skills in CAD drafting, space planning, and presentation. Applies the design process to projects in commercial design. Extra fee. May be repeated for credit 1 time.

*Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.*

**FCS 4720: Portfolio and Exhibition (2) [Offerings](#)**

Prerequisites: FCS 4710, 4712, and 4744 with a grade of C- or better. Instruction in the development of a professional portfolio including resume and cover-letter writing and presentation of samples of creative work. Required participation in final portfolio review event. Extra fee.

*Cross-listed Courses: ART 4236 Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.*

**FCS 4730: Sustainability and Materials (5) [Offerings](#)**

Prerequisites: FCS 2204 and 2702 with a C- or better. 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.*

**FCS 4743: CAD II for Interior Design (3) [Offerings](#)**

Prerequisite: FCS 3843. Application of advanced techniques (3-D) of computer-aided design and drafting using AutoCAD software. May be repeated for credit up to 8 credits.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**FCS 4744: CAD III for Interior Design (2) [Offerings](#)**

Prerequisite: FCS 4743 with a C- or better. 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.*

**FCS 4822: Fashion Merchandising Seminar (1) [Offerings](#)**

Prerequisites: FCS 2820 and 3822. Identifies trends and current issues in the fashion industry.

Attributes: *Upper-Division*

**FCS 4840: Apparel Design Through Draping (5) [Offerings](#)**

Prerequisites: FCS 1840, 3840 and 3842 or permission of instructor. 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. Extra Fee.

Attributes: Upper-Division Restrictions: Clothing & Textiles Majors only. Freshman, Sophomore students are excluded.

**FCS 4843: CAD for Apparel Design (5) [Offerings](#)**

Prerequisites: ART 2112 and FCS 2110 or instructor permission. 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. Extra Fee. May be repeated for credit up to 10 credits.

Attributes: Upper-Division Restrictions: Clothing & Textiles Majors only. Graduate, Undergraduate only. Freshman, Sophomore students are excluded.

**FCS 4844: Advanced Apparel Design (5) [Offerings](#)**

Prerequisites: FCS 3840, 3842, and 4840, or permission of instructor. 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 up to 10 credits.

Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**FCS 4846: CAD for Apparel Portfolio (5) [Offerings](#)**

Prerequisites: FCS 3840, 3842, and 4843. Provides opportunities to create a professional apparel design portfolio through CAD. Extra fee. May be repeated for credit up to 10 credits.

Attributes: Upper-Division

**FCS 4899: FCS Senior Capstone (3) [Offerings](#)**

Prerequisites: FCS 1050 and FCS 3240. FCS senior capstone course. 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: Clothing & Textiles, Family & Consumer

Sciences, Food & Nutritional Sciences, Indiv and Fam Development, Interior Design Majors only. Freshman, Junior, Sophomore students are excluded.

**FCS 4900: Independent Study (1-5) [Offerings](#)**

**FCS 4900: Study of Ukranian Fashion-IS (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: 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 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.

## COMMUNICATION and JOURNALISM

Marston Hall  
206-281-2036  
[spu.edu/depts/commjournal](http://spu.edu/depts/commjournal)

**FACULTY:** [Lorelle Jabs](#), [Rick Jackson](#), [Debbie Pope](#), [Bill Purcell](#), [Todd Rendleman](#), [Shannon Scott](#), [Debra Sequeira](#)

The Department of Communication and Journalism prepares graduates of competence and character who will understand communication as a social, intellectual, ethical, and artistic process. They will also engage in communication and journalism as a responsible human behavior.

### Admission to the Major

Applicants for a major in communication must display a cumulative GPA of 2.5 or higher (i.e., 4.0 = A) in all college work applicable to the degree or 3.0 in the 45 credits immediately preceding application for the major. A student must complete the major requirements in effect when the student is admitted to the major.

### Foreign Language Requirement

All students who complete the communication major must display proficiency in a foreign language. For ways of displaying proficiency, see [Competency Requirements](#) in the Baccalaureate Degree Requirements section of the *Undergraduate Catalog*.

For those majoring in communication, the foreign language proficiency requirement is not satisfied as part of the community-college direct transfer degree unless the transcript records completion of adequate foreign language coursework.

### COMMUNICATION MAJOR: COMMUNICATION STUDIES TRACK

55 Credits Minimum, Including 28 Upper Division (UD)

#### [Suggested Course Sequence](#)

#### Communication: General Core

Course	Credits
COM 1101 <a href="#">Intro to Interpersonal Commun</a>	5
COM 1321 <a href="#">Public Speaking</a>	5
COM 2323 <a href="#">Argumentation:Art of Inference</a>	5
COM 3001 <a href="#">Theories of Communication</a>	5
JRN 3355 <a href="#">The Public &amp; the Media</a>	5
COM 4899 <a href="#">Communication Ethics(Capstone)</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>30</b>

#### Communication Studies Track

Course	Credits
COM 3628 <a href="#">Foundations Western Rhetoric</a> (5)	5
COM 3629 <a href="#">Modern Rhetorical Theory</a> (5)	
COM 4265 <a href="#">Organizational Communication</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>

#### Senior Seminars (take one)

Course	Credits
COM 4601 <a href="#">Com Sem:Advancd Public Speakng</a> (5)	5
COM 4602 <a href="#">Com Sem: Adv Interpersonal Com</a> (5)	
COM 4603 <a href="#">Com Sem: Persuasive Campaigns</a> (5)	
COM 4604 <a href="#">Com Sem: Writing Film Criticism</a> (5)	
COM 4606 <a href="#">Com Seminar: Special Topics</a> (5)	
COM 4607 <a href="#">Com Sem: Rhetoric of Dissent</a> (5)	

<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Communication Electives</b>	<b>10</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>55</b>

<b>Additional Requirements:</b>
Foreign Language is required for this major. See faculty advisor for details.

**COMMUNICATION MAJOR: JOURNALISM TRACK**

58 Credits Minimum, Including 25 Upper Division (UD)

Suggested Course Sequence

<b>Communication: General Core</b>	
Course	Credits
COM 1101 <a href="#">Intro to Interpersonal Commun</a>	5
COM 1321 <a href="#">Public Speaking</a>	5
COM 2323 <a href="#">Argumentation:Art of Inference</a>	5
COM 3001 <a href="#">Theories of Communication</a>	5
JRN 3355 <a href="#">The Public &amp; the Media</a>	5
COM 4899 <a href="#">Communication Ethics(Capstone)</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>30</b>
<b>Journalism Track</b>	
Course	Credits
JRN 2101 <a href="#">Media Writing</a>	5
JRN 2202 <a href="#">Reporting and Storytelling</a>	5
JRN 2203 <a href="#">Editing and Design</a>	5
JRN 3301 <a href="#">Media Law</a>	5
JRN 4121 <a href="#">Convergence Journalism</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>25</b>
<b>Student Media/Internships</b>	
Course	Credits
JRN 2801 <a href="#">Newspaper Production</a> (1-2)	3
JRN 2802 <a href="#">Newspaper Production</a> (1-2)	
JRN 2803 <a href="#">Newspaper Production</a> (1-2)	
JRN 3930 <a href="#">Publication Editor Practicum</a> (1-3)	
JRN 3931 <a href="#">Publication Editor Practicum</a> (1-3)	
JRN 3932 <a href="#">Publication Editor Practicum</a> (1-3)	
JRN 4940 <a href="#">Coop Ed:Journalism Internship</a> (1-5)	
JRN 4941 <a href="#">Coop Ed:Journalism Internship</a> (1-5)	
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>58</b>

**COMMUNICATION MINOR**

30 Credits Minimum, Including 15 Upper Division (UD)

<b>Communication Minor Core</b>
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Course	Credits
COM 1101 <a href="#">Intro to Interpersonal Commun</a>	5
COM 1321 <a href="#">Public Speaking</a>	5
COM 3001 <a href="#">Theories of Communication</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Elective Credits in Communication (incl at least 10 UD)</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

## COURSE DESCRIPTIONS:

[COM 1101](#) | [COM 1321](#) | [COM 1930](#) | [COM 1931](#) | [COM 2227](#) | [COM 2323](#) | [COM 3001](#) | [COM 3160](#) | [COM 3628](#) | [COM 3629](#) | [COM 3780](#) | [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](#) | [VIEW ALL](#)

### COM 1101: Intro to Interpersonal Commun (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:](#) Arts and Humanities B*

### 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:](#) Arts and Humanities B*

### 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 Disc & 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](#)**

Examines research in and techniques for conflict management. Includes theory, models, and case studies in conflict in interpersonal, organizational, and public

contexts.

Attributes: *Upper-Division*

**COM 3628: Fndtns of Western Rhetoric-IS (5) [Offerings](#)**

**COM 3628: Foundations 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 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.

Cross-listed Courses: *TRE 3780* Attributes: *Arts and Humanities A, Upper-Division, 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: *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: Com Sem: Advanecd Public Speakng (5) [Offerings](#)**

Prerequisite: COM 1301 or 1321, or permission of instructor. 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. Senior students only.*

**COM 4602: Com Sem: Adv Interpersonal Com (5) [Offerings](#)**

Prerequisites: COM 1101 and 3001 or permission of instructor. Focuses on selected communication theories, research and application pertaining to romantic, friendship and family relationships.

*Attributes: Upper-Division Restrictions: Communication Majors only. Senior students only.*

**COM 4603: Com Sem: 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. Senior students only.*

**COM 4604: Com Sem: 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.

*Attributes: Upper-Division Restrictions: Communication Majors only. Senior students only.*

**COM 4605: Com Semnr: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. Senior students only.*

**COM 4606: Com Seminar: Special Topics (5) [Offerings](#)**

Explores special topics, with emphasis on theories and research not normally examined in the regular curriculum. Offered occasionally.

*Attributes: Upper-Division Restrictions: Communication Majors only. Senior students only.*

**COM 4607: Com Sem: 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.

*Attributes: Upper-Division, Writing "W" Course Restrictions: Communication Majors only. Senior students only.*

**COM 4899: Communication Ethics(Capstone) (5) [Offerings](#)**

Prerequisite: COM 3001. This senior level capstone course uses case studies to explore ethical foundations of communication practices and test methods of moral reasoning.

*Attributes: Upper-Division Restrictions: Communication Majors only. Senior students only.*

**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 EDU: Internship in COM (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: Adv Top: World on Film (1-5) [Offerings](#)**

Explores selected topics in communication, with emphasis on theories and research not normally examined in regular curriculum. Offered occasionally with specific topics identified in the Online Time Schedule. May be repeated for credit up to 15 credits.

Attributes: *Upper-Division*

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## COURSE DESCRIPTIONS:

[JRN 2101](#) | [JRN 2202](#) | [JRN 2203](#) | [JRN 2801](#) | [JRN 2802](#) | [JRN 2803](#) | [JRN 3301](#) | [JRN 3355](#) | [JRN 3930](#) | [JRN 3931](#) | [JRN 3932](#) | [JRN 4121](#) | [JRN 4900](#) | [JRN 4920](#) | [JRN 4940](#) | [JRN 4941](#) | [JRN 4950](#) | [VIEW ALL](#)

**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](#)**

Prerequisite: JRN 2101. 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. Offered Alternate Years.

**JRN 2203: Editing and Design (5) [Offerings](#)**

Develops basic skills in editing and publication design of print media. Topics include copyediting; story and page design; headline writing; photo captions; photo sizing and cropping; proper use of graphics. Offered Alternate Years.

**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. Offered Alternate Years.

*[Attributes:](#) Upper-Division*

**JRN 3355: The Public & 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. Offered Alternate Years.

*[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, Senior students only.*

**JRN 4920: Directed Readings (1-5) [Offerings](#)**

Directed Readings

Attributes: *Upper-Division*

**JRN 4940: Coop Ed: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, Senior students only.*

**JRN 4941: Coop Ed: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, Senior students only.*

**JRN 4950: CCCU:Special Topics in Jrnlsn (1-6) Offerings**

CCCU:Special Topics in Jrnlsn May be repeated for credit up to 6 credits.

Attributes: *Upper-Division*

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## MATHEMATICS / COMPUTATIONAL MATHEMATICS

Otto Miller Hall  
206-281-2140  
[spu.edu/depts/math](http://spu.edu/depts/math)

**FACULTY:** [Brian Gill](#), [Steve Johnson](#), [Russ Killingsworth](#), [Wai Lau](#), [Robbin O'Leary](#), [Nicola Parker](#), [Sharon Young](#)

Mathematics offers curricula leading to the bachelor of arts and bachelor of science degrees.

- The B.A. degree program is designed for students interested in mathematics as a liberal arts major and for those planning to teach mathematics in secondary schools.
- The B.S. in mathematics degree program is designed for students planning graduate work or professional careers in mathematics.
- The B.S. in computational mathematics is an interdisciplinary major designed for students interested in careers involving the application of mathematics and computer science.

### Admission to the Major or Minor

A GPA of 2.5 or above in 15 credits of mathematics that apply to the major or minor is required for admission to the major or minor. A 2.5 GPA must be maintained in all math courses to earn the B.S. degree. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

### High school preparation

Three years of high school mathematics, including trigonometry, are required for all students entering one of the degree programs. However, students who plan to make mathematics a career 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 Program

Students who have completed at least one year of advanced placement calculus or statistics in high school may apply for college credit as noted below. To receive credit, an official AP score report must be submitted to SPU.

Students scoring a 4 or 5 on the AP Calculus-AB exam will receive credit for MAT 1234 (Calculus I, 5 credits). Students scoring a 4 or 5 on the AP Calculus-BC exam will receive credit for both MAT 1234 and MAT 1235 (Calculus I and II, 10 credits total).

Students scoring a 4 or 5 on the AP statistics exam will receive credit for MAT 1360 (Introduction to Statistics, 5 credits).

### Mathematics Placement

Students without transferred college mathematics credit or AP credit that meets the Exploratory Curriculum mathematics requirement will place into one or more of the following mathematics courses: MAT 0144, 0145, 1110, 1221, 1234, 1360, 1521, 1560, or 2700.

Appropriate placement depends upon the student's intended major as well as eligibility criteria. Eligibility can be demonstrated through an SAT or ACT math score, the Washington state General Math Placement Test (MPT-G), or transfer of a college course. (The MPT-G is given at high schools throughout the state or at college testing centers. See the Math Department for availability of the test at SPU.)

Other departments may also require one of the Mathematics Placement Levels listed below as a prerequisite for courses in their major.

### Mathematics Placement Level A

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

1. Score 580 or above on the math portion of the SAT exam.

- Score 25 or above on the math portion of the ACT test.
- Score 145 or above on the MPT-G (the Washington state General Math Placement Test).
- 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.
- Students admitted to SPU in 2009-10 or earlier may complete the Mathematics Competency Requirement.

Students who do not meet any of the criteria for Mathematics Placement Level A should begin by taking MAT 0144.

### Mathematics Placement Level B

To be eligible to enroll in MAT 1360, MAT 2700, or MAT 1110, a student must meet at least one of the following criteria:

- Score 580 or above on the math portion of the SAT exam.
- Score 25 or above on the math portion of the ACT test.
- Score 150 or above on the MPT-G (the Washington State General Math Placement Test).
- 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.
- Students admitted to SPU in 2009-2010 or earlier may complete the Mathematics Competency Requirement.

### Mathematics Placement Level C

To be eligible to enroll in MAT 1221 or MAT 1234, a student must achieve a passing score on the SPU's online Calculus Placement test prior to registering for the course. Students planning to take MAT 1234 who do not achieve a passing score on the test must first complete MAT 1110 with a grade of C- or better. Students planning to take MAT 1221 who do not achieve a passing score on the test must first complete MAT 1010 with a grade of C- or better.

### College Readiness Mathematics

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

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

The three mathematics placement levels are summarized in the table below. To be eligible to enroll in a course listed at a particular placement level in the following table, a student must meet at least one of the criteria in the corresponding row.

Course You Plan to Take:	Mathematics Placement Level	Prerequisite: Must Meet at Least One of the Criteria Below				
		SAT Math Score	ACT Math Score	MPT-G Score	College Coursework*	Students Admitted 2009 or Earlier
MAT 1521, 1560, or 0145	A	580 or above	25 or above	145 or above	MAT 0144 or Intermediate Algebra	Complete Math Competency Requirement
MAT 1360, 2700, or 1110	B	580 or above	25 or above	150 or above	MAT 0145 or Intermediate Algebra	Complete Math Competency Requirement
MAT 1221 or 1234	C	N/A**	N/A**	N/A**	MAT 1110 (C- or better)	N/A**

\* A grade of C- or better is required in prerequisite coursework. Courses may be transferred.

\*\* Students planning to take MAT 1221 or 1234 must achieve a passing score on the online Calculus Placement Test prior to registering for the course.

**Computer use.** Each mathematics student should have strong computer skills. Students wishing careers in industry or applied mathematics should have skill in programming.

### Requirements for the B.A. Mathematics Major

Students pursuing an endorsement in secondary education must take MAT 3401 as 3 of the 8 mathematics electives credits. A maximum of 3 credits in MAT 4930 may be applied.

### **Requirements for the B.S. in Mathematics Major**

Courses MAT 4363 and MAT 4830 are strongly recommended. A maximum of 3 credits in MAT 4930 may be applied.

For the B.S. in mathematics, 15 credits in related approved courses in which mathematics is applied are also required. A GPA of 2.5 must be maintained for all mathematics courses. Students who plan graduate work in mathematics are strongly advised to take further work in real analysis in their upper-division program and to acquire a reading knowledge of [French](#), [German](#), or [Russian](#).

### **Requirements for the B.S. in Computational Mathematics**

This is an interdisciplinary major designed for students interested in careers involving the application of mathematics and computer science. Some courses are offered only every other year, so careful planning is recommended.

### **Requirements for the Mathematics Minor**

Anyone desiring a minor in mathematics should begin with MAT 1234, MAT 1235, and MAT 1236, which are prerequisite to most upper-division courses.

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 and a teaching minor must include MAT 3749, MAT 4402, and MAT 3441 or MAT 3443. A maximum of 3 credits in MAT 4904 or MAT 4930 may be applied.

## **SPECIAL PROGRAMS**

### **Actuarial Science**

A student interested in becoming an actuary should major in mathematics or mathematics/economics. The following mathematics courses should be included: MAT 3360, MAT 4363, MAT 4725, MAT 4830, and some independent study.

This provides the foundation for beginning the sequence of [exam offered by the Society of Actuaries](#). Further work in economics is helpful.

### **Mathematics/Economics**

Students desiring a major in mathematics-economics should consult a mathematics advisor for information on a student-designed major.

 [Print Degree Requirements \(MAT\)](#) | [Print Degree Requirements \(CST\)](#) | [Print this Page](#)

### **Integrated Studies Major with a concentration in Mathematics (For students seeking K-8 certification)**

Students who are planning to obtain elementary school certification and are interested in mathematics must major in the [Integrated studies major](#) with a concentration in mathematics.

- The concentration consists of courses in calculus, algebra, geometry, and the history of mathematics.
- [Application \(PDF\)](#) to this major is through the advisor for the mathematics concentration, Dr. Sharon Young ([syoung@spu.edu](mailto:syoung@spu.edu)).
- Further information on the [elementary certification program](#) is available in the [School of Education](#) section of the *Undergraduate Catalog*.

## **BA IN MATHEMATICS**

60 Credits Minimum, Including 39 Upper Division (UD)

[Suggested Course Sequence](#)

### **B.A. in Mathematics: General Core**

Course	Credits
MAT 1234 <a href="#">Calculus I</a>	5

MAT 1235	<a href="#">Calculus II</a>	5
MAT 1236	<a href="#">Calculus III</a>	5
MAT 2401	<a href="#">Linear Algebra</a>	3
MAT 2720	<a href="#">Discrete Mathematics</a>	3
MAT 3237	<a href="#">Differential Equations</a>	3
MAT 3238	<a href="#">Vector Calculus</a>	3
MAT 3360	<a href="#">Probability &amp; Statistics</a>	5
MAT 3441	<a href="#">Axiomatic Geometry (3)</a>	3
MAT 3443	<a href="#">Transformational Geometry (3)</a>	
MAT 3749	<a href="#">Introduction to Analysis</a>	5
MAT 4402	<a href="#">Modern Algebra</a>	3
MAT 4610	<a href="#">The Evolution of Math Thought</a>	3
MAT 3751	<a href="#">Real Analysis II (3)</a>	3
MAT 4403	<a href="#">Modern Algebra (3)</a>	
MAT 4899	<a href="#">Senior Capstone Seminar</a>	3
<b>SECTION CREDITS REQUIRED</b>		<b>52</b>
<b>Approved UD Electives (with a max of 3 in MAT 4930)</b>		<b>8</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>60</b>

### BS IN MATHEMATICS

67 Credits Minimum, Including 46 Upper Division (UD)

[Suggested Course Sequence](#)

<b>B.S. in Mathematics: General Core</b>		
Course		Credits
MAT 1234	<a href="#">Calculus I</a>	5
MAT 1235	<a href="#">Calculus II</a>	5
MAT 1236	<a href="#">Calculus III</a>	5
MAT 3237	<a href="#">Differential Equations</a>	3
MAT 3238	<a href="#">Vector Calculus</a>	3
MAT 3360	<a href="#">Probability &amp; Statistics</a>	5
MAT 2401	<a href="#">Linear Algebra</a>	3
MAT 2720	<a href="#">Discrete Mathematics</a>	3
MAT 3749	<a href="#">Introduction to Analysis</a>	5
MAT 3751	<a href="#">Real Analysis II</a>	3
MAT 4402	<a href="#">Modern Algebra</a>	3
MAT 4403	<a href="#">Modern Algebra</a>	3
MAT 4899	<a href="#">Senior Capstone Seminar</a>	3
<b>SECTION CREDITS REQUIRED</b>		<b>49</b>
<b>Approved UD MAT Electives (max of 3 credits in MAT 4930)</b>		<b>18</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>67</b>

## MATH MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

Open Electives in MAT	
Course	Credits
MAT 1234 <a href="#">Calculus I</a> (5)	15
MAT 1235 <a href="#">Calculus II</a> (5)	
MAT 1236 <a href="#">Calculus III</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Upper Division Credits</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

### COURSE DESCRIPTIONS:

[MAT 0144](#) | [MAT 0145](#) | [MAT 1010](#) | [MAT 1110](#) | [MAT 1221](#) | [MAT 1234](#) | [MAT 1235](#) | [MAT 1236](#) | [MAT 1360](#) | [MAT 1521](#) | [MAT 1560](#) | [MAT 1720](#) | [MAT 2200](#) | [MAT 2401](#) | [MAT 2561](#) | [MAT 2700](#) | [MAT 2720](#) | [MAT 3237](#) | [MAT 3238](#) | [MAT 3360](#) | [MAT 3401](#) | [MAT 3441](#) | [MAT 3443](#) | [MAT 3562](#) | [MAT 3724](#) | [MAT 3725](#) | [MAT 3730](#) | [MAT 3749](#) | [MAT 3751](#) | [MAT 4363](#) | [MAT 4402](#) | [MAT 4403](#) | [MAT 4610](#) | [MAT 4725](#) | [MAT 4830](#) | [MAT 4899](#) | [MAT 4904](#) | [MAT 4910](#) | [MAT 4930](#) | [MAT 4940](#) | [MAT 4950](#) | [MAT 4960](#) | [VIEW ALL](#)

#### **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: 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.

#### **MAT 1010: College Algebra (3) [Offerings](#)**

Prerequisite: Mathematics Placement Level B. Explores inequalities and algebraic functions, including linear, quadratic, polynomial, rational, exponential, and logarithmic.

#### **MAT 1110: Precalculus (5) [Offerings](#)**

Prerequisite: Mathematics Placement Level B or MAT 0145. Explores algebraic, circular and trigonometric equations and identities; and inequalities. Credit cannot be received for this course if MAT 1112 or MAT 1114 has been taken.

**MAT 1221: Survey of Calculus (5) [Offerings](#)**

Prerequisite: MAT 1010 or its equivalent as determined by the calculus placement test. 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: *Mathematics (MAT)*

**MAT 1234: Calculus I (5) [Offerings](#)**

MAT 1110 or its equivalent as determined by the Calculus Placement Test. First course in calculus, emphasizing limits and derivatives of functions of one variable. Sequence begins both Autumn and Winter Quarters. Extra fee.

Attributes: *Mathematics (MAT)*

**MAT 1235: Calculus II (5) [Offerings](#)**

Prerequisite: C- or higher in MAT 1234. Second course in calculus, emphasizing integral calculus of functions of one variable. Extra fee.

Attributes: *Mathematics (MAT)*

**MAT 1236: Calculus III (5) [Offerings](#)**

Prerequisite: C- or higher in MAT 1235. 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. Extra fee.

**MAT 1360: Introduction to Statistics (5) [Offerings](#)**

Prerequisite: Mathematics Placement Level B or MAT 0145. Explores descriptive



statistics, elementary probability, binomial and normal distributions, sampling, estimating parameters, testing hypotheses, regression, and correlation. Extra fee.

Attributes: *Mathematics (MAT)*

**MAT 1521: Intro:Contemporary Mathematics (5) [Offerings](#)**

Prerequisite: Mathematics Placement Level A or MAT 0144. 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: *Mathematics (MAT)*

**MAT 1560: Numerical Reasoning (4) [Offerings](#)**

Prerequisite: Mathematics Placement Level A or MAT 0144 or instructor permission. The first in a three-course sequence, this course is a study of numerical reasoning with emphasis on depth of understanding, problem solving strategies, and appropriate use of calculators and computer software. Investigations of mathematical topics include numeration systems, numerical properties and operations, concepts in number theory, and associated history of mathematics. Standards-based content preparation for teaching K-8 mathematics.

Restrictions: *Freshman students are excluded.*

**MAT 1720: Math for Computer Science (5) [Offerings](#)**

Prerequisite: MAT 1221 or 1225 or 1234. Explores set theory, number systems, logic, proof techniques, basics of counting, discrete probability, networks, digital logic, and digital systems.

**MAT 2200: Engineering Probability&Stats (3) [Offerings](#)**

Prerequisite: MAT 1235. Introduces students to concepts of probability and statistics along with methodology for applying these to engineering applications. Extra fee.

Cross-listed Courses: *EGR 2200*

**MAT 2401: Linear Algebra (3)** [Offerings](#)

Prerequisite: MAT 1226 or 1235. Studies vector spaces, matrices, and linear transformations. Extra fee.

**MAT 2561: Statistical & Algebraic Reasng (4)** [Offerings](#)

Prerequisite: MAT 1560. The second in a three-course sequence, this course is a study of statistical and algebraic reasoning with emphasis on depth of understanding and appropriate use of calculators and computer software. Investigations of mathematical topics include statistics, probability, variables and their uses, proportional reasoning, linear and non-linear functions, inverse functions, proof appropriate for K-8 teachers, and associated history of mathematics. Standards-based content preparation for teaching K-8 mathematics.

Attributes: *Mathematics (MAT)*

**MAT 2700: Statistics for Business & Econ (5)** [Offerings](#)

Prerequisites: (BUS 1700 or CSC 1123) and (Mathematics Placement Level B or MAT 0145). Explores descriptive statistics, probability, random variable distributions, estimation, hypothesis testing, regression and nonparametric statistics.

Cross-listed Courses: *BUS 2700* Attributes: *Mathematics (MAT)*

**MAT 2720: Discrete Mathematics (3)** [Offerings](#)

Prerequisite: MAT 1226 or 1235. Studies sets, logic, Boolean algebra, relations, functions, and graphs.

**MAT 3237: Differential Equations (3)** [Offerings](#)

Prerequisite: C- or higher in MAT 1236. Studies general solutions of first and second order differential equations, Laplace transforms, and series solutions. Extra fee.

Attributes: *Upper-Division*

**MAT 3238: Vector Calculus (3) [Offerings](#)**

Prerequisites: C- or higher in MAT 1236 and 2401. 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. Extra fee.

Attributes: *Upper-Division*

**MAT 3360: Probability & Statistics (5) [Offerings](#)**

Prerequisite: MAT 1226 or 1236. 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. Extra fee.

Attributes: *Upper-Division*

**MAT 3401: Number Theory (3) [Offerings](#)**

Prerequisite: MAT 2720 or 3749, or 3100 (or MAT 3562 with permission of instructor). May be taken concurrently with instructor approval. Studies topics of classical number theory including divisibility, primes and congruences. Offered alternate years.

Attributes: *Upper-Division*

**MAT 3441: Axiomatic Geometry (3) [Offerings](#)**

Prerequisite: MAT 3749. Surveys foundations of Euclidean, non-Euclidean, and projective geometries from an axiomatic approach. Offered alternate years.

Attributes: *Upper-Division*

**MAT 3443: Transformational Geometry (3) [Offerings](#)**

Prerequisite: MAT 3749. Surveys Euclidean, non-Euclidean, and projective

geometries using a transformational approach. Offered alternate years.

Attributes: *Upper-Division*

**MAT 3562: Geometric Reasoning (4) [Offerings](#)**

Prerequisite: MAT 2561. 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. Standards-based content preparation for teaching K-8 mathematics.

Attributes: *Upper-Division*

**MAT 3724: Applied Analysis (3) [Offerings](#)**

Prerequisites: (MAT 1228 or 3237) and (MAT 2228 or 3238). Studies Fourier series, heat, wave, and Laplace's equations, separation of variables, and boundary value problems. Offered alternate years.

Attributes: *Upper-Division*

**MAT 3725: Applied Analysis (3) [Offerings](#)**

Prerequisite: MAT 3724. Continuation of MAT 3724, including Fourier transforms, Bessel and Legendre functions. Offered as needed.

Attributes: *Upper-Division*

**MAT 3730: Complex Variables (3) [Offerings](#)**

Prerequisites: MAT 3238 or (MAT 1228 and 2228). Studies theory and applications of complex variables; analytic functions, integrals, and power series applications. Offered alternate years.

Attributes: *Upper-Division*

**MAT 3749: Introduction to Analysis (5) [Offerings](#)**

Prerequisite: MAT 1236 and (MAT 2720 or MAT 3100) or permission of instructor. 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*

**MAT 3751: Real Analysis II (3) [Offerings](#)**

Prerequisite: C- or higher in MAT 3749. Builds on the topics introduced in MAT 3749, including explorations of differentiation and integration. Offered alternate years.

Attributes: *Upper-Division*

**MAT 4363: Mathematical Statistics (3) [Offerings](#)**

Prerequisites: (MAT 2228 or 3238) and (MAT 2376 or 3360). Studies in greater depth continuous and discrete probability distributions, moment generating functions, probability-generating functions, transformations, and multivariate probability distributions. Offered alternate years.

Attributes: *Upper-Division*

**MAT 4402: Modern Algebra (3) [Offerings](#)**

Prerequisite: C- or higher in MAT 3749. Studies algebraic structures, including groups, rings, and fields.

Attributes: *Upper-Division, Writing "W" Course*

**MAT 4403: Modern Algebra (3) [Offerings](#)**

Prerequisite: C- or higher in MAT 4402. Continuation of MAT 4402. Offered alternate years.

Attributes: *Upper-Division, Writing "W" Course*

**MAT 4610: The Evolution of Math Thought (3) [Offerings](#)**

Prerequisites: MAT 3749 or permission of instructor. Investigates the ideas, methods, and work of great mathematicians of the past.

*[Attributes:](#) Upper-Division, Writing "W" Course [Restrictions:](#) Freshman, Sophomore students are excluded.*

**MAT 4725: Numerical Analysis (5) [Offerings](#)**

Prerequisites: [MAT 1228 and 2228] or [MAT 2401 and 3237] or permission of instructor, and facility with mathematically oriented software. Studies numerical integration, differentiation, solutions of systems of equations, and related topics. Offered alternate years. Extra fee.

*[Attributes:](#) Upper-Division*

**MAT 4830: Mathematical Modeling (5) [Offerings](#)**

Prerequisites: [MAT 1228, 2228, and 2375] or [MAT 2401, 3237 and 3360], and facility with mathematically oriented software. 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. Extra fee. Offered alternate years.

*[Attributes:](#) Upper-Division*

**MAT 4899: Senior Capstone Seminar (3) [Offerings](#)**

Prerequisite: 9 credits of upper-division mathematics or instructor permission. 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.*

**MAT 4904: Mathematics-Independent Study (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 the Math Lab. 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.

**MAT 4950: Special Topics (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*



## ENGINEERING

Otto Miller Hall  
206-281-2140  
[spu.edu/engineering](http://spu.edu/engineering)

**FACULTY:** [Kevin Bolding](#), [Don Peter](#), [Melani Plett](#)

**John Lindberg**, Physics/GEngr Appropriate and Sustainable Engineering

**Phil Prins**, Computer Science/Coordinator Computer Engineering

**Elaine P. Scott**, Engineering/Director of Engineering Programs

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.

Today, as civilization becomes more complex, engineers must not only have a deeper understanding of the physical world and our rapidly changing technologies, but they must also hold an increased sensitivity to the long-term effects of technology on people and the environment.

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

Here at Seattle Pacific, students develop these skills through an academically challenging curriculum with hands-on, design-oriented applications in a Christ-centered community-oriented environment, supported by a dedicated and easily accessible faculty. With these foundations, our graduates are well prepared to engage our culture's technical challenges to change the world for the benefit of humankind and God's creation.

### Admission to Engineering Majors

Student performance during the first two years will be used as an indicator of the student's promise of success in engineering. Application for admission to an engineering major should be made in the Winter Quarter of the sophomore year. Transfer students will be evaluated for admission on a case-by-case basis.

For applicants to the electrical engineering major or the computer engineering major, the completed coursework must include EE 2726 Circuits I or a course taken at SPU requiring Circuits I as a prerequisite.

For applicants to the general engineering major, the completed coursework must include either EE 2726 Circuits I or EGR 2891 Statics, or a course taken at SPU requiring Circuits I or Statics as a prerequisite.

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

### Majors and Minors

SPU offers B.S. degrees and minors in electrical engineering (BSEE), general engineering (BSGE), and computer engineering (BSCPE). The BSEE degree is accredited by the Engineering Accreditation Commission of ABET ([abet.org](http://abet.org)).

The BSGE degree may include a concentration in mechanical engineering or appropriate and sustainable engineering, or it may be completed without a concentration. The mechanical engineering concentration is natural complement to the electrical engineering program due to the many areas of synergy between these fields. The appropriate and sustainable concentration is a unique program designed as 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.

[Details for the Electrical Engineering major and minor](#)

[Details for the General Engineering major and minor](#)

[Details for the Computer Engineering major and minor](#)

### Electrical Engineering "Flex" Degree Program for Full-time Working Students

SPU offers a unique opportunity for students to earn their BSEE degree in our ABET-accredited electrical engineering program while working full time. This program is specifically designed to address the needs of working students through its state-of-the-art technologically enhanced learning environment.

Students interested in the flex program are strongly advised to contact the [electrical engineering chair](#) for details. Completion of a direct transfer A.A. degree through Washington community colleges is highly recommended. See the [transfer student guide](#) for more information.

### **3-2 Transfer Program**

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 students to complete three years of study at SPU and two years at the partnering school resulting in a B.A. in physical sciences from SPU and a B.S. from the participating engineering school.

During the three years spent in residence at SPU, the student satisfies both the requirements for the SPU B.A. degree and many fundamental requirements for the B.S. degree by taking the core Christian foundations, liberal arts, and prescribed courses in chemistry, physics, mathematics, and engineering. If the student then fulfills the entrance requirements of the partner university, he or she may then transfer to the participating university. At that university, the student 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.

### **Details for the 3-2 Transfer Program**

#### **Internship Program**

All engineering majors are required to participate in an engineering-related internship with industry or another career entity. The internship must include a minimum of 200 hours of work; in almost all cases, the student will be paid by the employer. Normally students complete internships during the summer between their junior and senior years.

The Engineering Department will provide information to help students find internships, but students are individually responsible for locating and completing appropriate internships.

#### **Fundamentals of Engineering Exam**

Seattle Pacific University electrical engineering seniors are urged to take 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. On the other hand, electrical engineering majors are *required*, as a graduation requirement, to take and pass an online practice version of the FE exam. Passing this practice version is defined as earning a score of 50 percent or higher on each of its sections, the first covering general engineering topics and the second covering electrical engineering.

#### **Expectations of Entering High School Students**

In addition to meeting all the general SPU admission requirements, the high school graduate entering the engineering program should present a high school record showing four years of mathematics, one year each of physics and chemistry, and three years of a particular foreign language. SAT scores of at least 1100 are recommended.

Those students entering with deficiencies should consult an engineering advisor for a program of preparation for the engineering curriculum.

#### **Expectations of Entering Transfer Students**

Transfer students should have at least a 2.75 transfer GPA; a 3.0 is preferred. Transfer work will be evaluated by the Engineering Department to determine if the student needs to take EGR 1402 Introduction to Engineering or EGR 3402 Introduction to Engineering II.

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

### Introduction to Engineering and University Seminar

Students entering as freshmen are required to take either the engineering University Seminar "Be Part of the Solution" or EGR 1402 Introduction to Engineering. Students who take a different University Seminar or the University Scholars Seminar must also take EGR 1402.

### Calculus Successful Progress Requirement

All students intending on majoring in engineering (EE, CPE, general engineering, physical sciences) must meet the successful calculus progress requirement listed below:

- Students who earn a grade of C+ or higher in Calculus I in Autumn Quarter and a grade of C+ or higher in Calculus II in Winter Quarter satisfy the calculus successful-progress requirement.
- Students who earn a grade of C or lower in Calculus I in Autumn Quarter, or who register for Calculus I in Winter Quarter are required to register for EGR 1125 (Engineering Study Preparation) in Winter Quarter.
- Students who earn a grade of C or lower in either Calculus I or Calculus II in Winter Quarter are required to register for EGR 1125 (Engineering Study Preparation) in Spring Quarter.
- Students who complete Calculus I and II at a different institution should consult with an engineering advisor to determine if they have completed this requirement.

### Humanities and Social Science Requirement

To satisfy ABET accreditation guidelines, all electrical engineering students must take at least 24 credits of philosophy, religion, history, literature, fine arts, sociology, psychology, political science, or foreign languages other than a student's native language(s). These courses satisfy a general humanities and social-science accreditation requirement.

Students who take the full SPU Core and Exploratory general education program more than meet this requirement. However, transfer students should carefully select their courses to ensure they fulfill the 24-credit humanities and social-science requirement both in breadth and depth. They must see their assigned general education advisor to ensure this requirement is met.

## COMPUTER ENGINEERING MAJOR

130 Credits Minimum, Including 59 Upper Division (UD)

### Suggested Course Sequence

Intro to Engineering (take "Be Part of the Solution" USEM)	
Course	Credits
USEM 1000 <a href="#">University Seminar</a> (5) EGR 1402 <a href="#">Intro to Engineering I</a> (1)	1
<b>SECTION CREDITS REQUIRED</b>	<b>1</b>
Mathematics Requirements	
Course	Credits
MAT 1234 <a href="#">Calculus I</a> (5) MAT 1235 <a href="#">Calculus II</a> (5) MAT 1236 <a href="#">Calculus III</a> (5)	15
MAT 3237 <a href="#">Differential Equations</a>	3

MAT 2401 <a href="#">Linear Algebra</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>21</b>
<b>Science Requirements</b>	
<b>Course</b>	<b>Credits</b>
CHM 1211 <a href="#">General Chemistry I</a>	5
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a> (5) PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a> (5) PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a> (5)	15
<b>SECTION CREDITS REQUIRED</b>	<b>20</b>
<b>Computer Science Requirements</b>	
<b>Course</b>	<b>Credits</b>
CSC 1230 <a href="#">Problem Solving &amp; Programming</a>	5
CSC 2430 <a href="#">Data Structures I</a> (5) CSC 2431 <a href="#">Data Structures II</a> (5)	10
CSC 3150 <a href="#">Systems Design</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>20</b>
<b>Engineering Requirements</b>	
<b>Course</b>	<b>Credits</b>
EGR 2200 <a href="#">Engineering Probability&amp;Stats</a>	3
EGR 3000 <a href="#">Engineering Semnr&amp;Intern Prep</a>	1
EGR 3810 <a href="#">General Engineering Design</a>	5
EGR 4811 <a href="#">Engineering Senior Design I</a>	3
EGR 4812 <a href="#">Engineering Senior Design II</a>	3
EGR 4899 <a href="#">EGR Capstone and Senior Design</a>	3

EGR 4940 <a href="#">Engineering Internship</a>	1
<b>SECTION CREDITS REQUIRED</b>	<b>19</b>
<b>Computer Engineering Requirements</b>	
<b>Course</b>	<b>Credits</b>
CPE 3280 <a href="#">Microcontroller System Design</a>	5
CPE 3350 <a href="#">Operating Systems Programming</a>	3
CPE 3550 <a href="#">Communication System Analysis</a>	5
CPE 3760 <a href="#">Computer Orgnztn &amp; Assem Lang</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Electrical Engineering Requirements</b>	
<b>Course</b>	<b>Credits</b>
EE 1210 <a href="#">Intro to Logic System Design</a>	5
EE 2726 <a href="#">Electric Circuits I</a> (4) EE 2727 <a href="#">Electric Circuits II</a> (4)	8
EE 3721 <a href="#">Elec I Analog Devices &amp; Circ</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>CPE Tech Electives (minimum 8 credits of CPE classes)</b>	
<b>Course</b>	<b>Credits</b>
CPE 4150 <a href="#">Software Engineering</a> (5) CPE 4151 <a href="#">Software Engineering I</a> (3) CPE 4152 <a href="#">Software Engineering II</a> (3) CPE 4350 <a href="#">Advanced Operating Systems</a> (3) CPE 4750 <a href="#">Computer Networks</a> (5) CPE 4760 <a href="#">Advanced Computer Architecture</a> (5) CSC 3310 <a href="#">Concepts in Programming Langs</a> (3) EE 3028 <a href="#">Electric Circuits III</a> (4) EE 3410 <a href="#">Signal &amp; System Analysis</a> (5) EE 3722 <a href="#">Elec II Analog Electronics</a> (5)	14

<b>SECTION CREDITS REQUIRED</b>	<b>14</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>130</b>

### COMPUTER ENGINEERING MINOR

34 Credits Minimum, Including 15 Upper Division (UD)

<b>Computer Engineering Minor Core Requirements</b>	
<b>Course</b>	<b>Credits</b>
CSC 1230 <a href="#">Problem Solving &amp; Programming</a>	5
CSC 2430 <a href="#">Data Structures I</a>	5
CSC 3150 <a href="#">Systems Design</a>	5
CPE 3760 <a href="#">Computer Orgnztn &amp; Assem Lang</a>	5
CPE 3280 <a href="#">Microcontroller System Design</a>	5
EE 1210 <a href="#">Intro to Logic System Design</a>	5
EE 2726 <a href="#">Electric Circuits I</a>	4
<b>SECTION CREDITS REQUIRED</b>	<b>34</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>34</b>

### COURSE DESCRIPTIONS:

[CPE 3280](#) | [CPE 3350](#) | [CPE 3550](#) | [CPE 3760](#) | [CPE 4150](#) | [CPE 4151](#) | [CPE 4152](#) | [CPE 4211](#) | [CPE 4212](#) | [CPE 4350](#) | [CPE 4750](#) | [CPE 4760](#) | [CPE 4899](#) | [CPE 4900](#) | [VIEW ALL](#)

**CPE 3280: Microcontroller System Design (5) Offerings**

Prerequisites: EE 1210 and EE/CSC/CPE 3760. 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. Extra fee.

Cross-listed Courses: *EE 3280* Attributes: *Upper-Division*

**CPE 3350: Operating Systems Programming (3)** [Offerings](#)

Prerequisites: CSC 2431 and either CSC 3750 or CSC 3760 or CPE 3760 or EE 3760. 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.

Cross-listed Courses: *CSC 3350* Attributes: *Upper-Division*

**CPE 3550: Communication System Analysis (5)** [Offerings](#)

Prerequisite: EE 2727 and 1210 (EE 1210 may be taken concurrently). An introduction to principles of modern communication systems with an emphasis on current technological applications. Covers basics such as transmission media (electrical, optical and wireless), analog and digital signaling techniques, 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. Extra fee.

Cross-listed Courses: *EE 3550* Attributes: *Upper-Division*

**CPE 3760: Computer Orgnztn & Assem Lang (5)** [Offerings](#)

Prerequisites: CSC 2430 and EE 1210. 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.

Cross-listed Courses: *CSC 3760, EE 3760* Attributes: *Upper-Division*

**CPE 4150: Software Engineering (5)** [Offerings](#)

Prerequisite: CSC 3150. Covers topics in software engineering, including team programming, project planning and management, SDLC (software development life cycle) and software quality assurance. Course requirements include the

design and implementation of a team software project.

Cross-listed Courses: *CSC 4150* Attributes: *Upper-Division* Restrictions: *Senior students only.*

**CPE 4151: Software Engineering I (3)** [Offerings](#)

Prerequisite: CSC 3150. 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.

Cross-listed Courses: *CSC 4151* Attributes: *Upper-Division* Restrictions: *Senior students only.*

**CPE 4152: Software Engineering II (3)** [Offerings](#)

Prerequisite: CSC/CPE 4151. 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.

Cross-listed Courses: *CSC 4152* Attributes: *Upper-Division* Restrictions: *Senior students only.*

**CPE 4211: Micrprcsr-Bse Mxd Sig Sys Desl (3)** [Offerings](#)

Prerequisites: EE/CPE 3280 and EE/EGR 3730. 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). Projects typically include use of a microcontroller and may include analog-to-digital converters, digital signal-processing chips, external memories, power supplies, user interfaces and more. 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. Extra fee.

Cross-listed Courses: *EE 4211* Attributes: *Upper-Division*



**CPE 4212: Micrprcsr-Bse Mxd Sig Sys D II (3) [Offerings](#)**

Prerequisite: CPE/EE 4211. 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. Extra fee.

Cross-listed Courses: EE 4212 Attributes: Upper-Division

**CPE 4350: Advanced Operating Systems (3) [Offerings](#)**

Prerequisite: CSC 3350 or CPE 3350. Introduces the major functions of operating systems. Covers processes and concurrency; concurrent programming; resource allocation, contention and control; scheduling, memory management, and device management.

Cross-listed Courses: CSC 4350 Attributes: Upper-Division

**CPE 4750: Computer Networks (5) [Offerings](#)**

Prerequisites: CSC 3750 or CSC 3760, or CPE 3760 or EE 3760.  
Recommended: CSC 2431. Studies concepts and terminology of computer networks, equipment, and protocols. Emphasis is on local area networks.

Cross-listed Courses: CSC 4750 Attributes: Upper-Division

**CPE 4760: Advanced Computer Architecture (5) [Offerings](#)**

Prerequisite: CSC 3750 or CSC 3760, or CPE 3760 or EE 3760. Recommended: CSC 2431. Studies the architecture of multiprocessor, pipelined, and parallel computers. Emphasis is placed on principles of parallelism and the architecture of state-of-the-art supercomputers. A team project is required.

Cross-listed Courses: CSC 4760 Attributes: Upper-Division

**CPE 4899: Micrprcsr-Bs Mxd Sig Sys DsIII (3) [Offerings](#)**

Prerequisite: EE/CPE 4212. In this capstone course designs from EE 4212 are developed into a manufacturing prototype and tested. Covers testing

methodology (hardware and software), board debugging and documentation methodology. Teams author detailed technical manuals. Periodic progress reports and final presentations are required. Includes study of vocation in engineering, writing reflective responses, and preparation of a multimedia portfolio of major projects students have finished. Extra fee.

Cross-listed Courses: *EE 4899* Attributes: *Upper-Division, Writing "W" Course*

**CPE 4900: Independent Study (1-5)** Offerings

Independent Study

## COMPUTING SCIENCES

Otto Miller Hall  
206-281-2140  
[spu.edu/depts/csc](http://spu.edu/depts/csc)

**FACULTY:** [Phil Prins](#), [Mike Tindall](#), [Elaine Weltz](#)

**The Mission of the Department of Computing Sciences** is to prepare students 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 their expertise wherever they serve in the world.

We seek to provide a well-focused program of studies in the theoretical and applied aspects of modern computing-related disciplines, informed by a Christian worldview, and graduating students who are equipped for continued professional development and service.

### **Degree Paths: Options and Opportunities**

The computing sciences encompass a broad and evolving group of related disciplines. SPU offers majors in computer science and information systems, plus a minor in the computing sciences. The department also maintains strong collaborations with programs in computer engineering and computational mathematics.

Which is the right program for you? The answer lies in what YOU want to do with computers!

**Computer Science** is the discipline that studies the representation, storage, and transformation of information utilizing computers. Do you like to solve puzzles? Do you enjoy learning to use new technologies?

The computer scientist uses analytical, critical thinking, and programming skills to develop software and hardware solutions to difficult problems. They also devise new ways of using digital systems and work to develop effective ways to apply technology to everyday life. Additional information on career paths in computer science can be found at [ACM Computing Degrees and Careers](#).

### **B.S. in Computer Science**

*(106 credits; 48 upper-division)*

SPU's bachelor of science in computer science is the traditional degree in computer science. It provides preparation for professional careers or graduate studies in the discipline, emphasizing scientific, quantitative and engineering foundations.

The B.S./C.S. includes an 11-course core that provides a broad background in the topics of computer science. A project or research course plus three additional senior-level electives allow the student to explore these or other areas in greater depth, and apply their core knowledge to more advanced problems. This computing curriculum is supported by related coursework in mathematics, electrical engineering, and the natural sciences.

### **Requirements for the B.S. in Computer Science Major**

#### **B.A. in Computer Science**

*(71 credits; 41 upper-division)*

SPU's bachelor of arts in computer science emphasizes problem-solving, organizing and synthesizing ideas, and applications of computing theory. This is a particularly good major for students wishing to double-major or minor in another field, and graduates are well-suited for projects that apply computing to other disciplines.

B.A. students complete 15 courses total in computer science, encompassing the major topics of the discipline.

A senior project provides the opportunity to apply computer-based problem-solving techniques in an area of interest to the student. Mathematics courses in applied calculus, computer math, and statistics complete the major requirements.

## **Requirements for the B.A. in Computer Science Major**

**Information Systems** specialists focus on integrating technology solutions and organizational processes to meet the information needs of both for-profit and nonprofit organizations. By focusing on how technology can help individuals and groups be more productive, they play a key role in helping organizations define and achieve their goals. IS professionals are involved in all aspects of organizational technology, from helping to determine information requirements to the specification, design and implementation of new systems and the support of existing ones. Visit [ACM Computing Degrees and Careers](#) for additional information on this discipline.

### **B.S. in Information Systems**

*(81 Credits; 51 upper-division)*

SPU's bachelor of science in information systems is designed to provide students with a strong foundation in both the technical and organizational aspects of information systems.

The curriculum emphasizes problem-solving skills and computing technologies through 12 required computer science courses; quantitative background is provided by studies in applied calculus, computer math and statistics; and coursework in organizational/management topics help students make the connection between the information needs of people-in-organizations and the technologies that can help meet these needs.

## **Requirements for the B.S. in Information Systems Major**

### **Minor in Computing Sciences**

*(33-35 Credits; 15 upper-division)*

A computing sciences minor allows a student to apply computing technologies and problem-solving strategies to his or her chosen major or to explore computing as a second discipline. A typical minor curriculum includes courses in programming, software and system design, and electives tailored to the computing interests of the individual student.

## **Requirements for the Minor in Computing Sciences**

### **Preliminary Prerequisites**

High school pre-calculus or math analysis is required.

### **Admission to the Major**

Admission to a major in computer science or information systems requires:

- A minimum SPU cumulative GPA of 2.0 (C).
- A GPA of 2.5 or above in 10 credits of CSC-labeled courses taken at SPU that apply to the chosen major.

Students are encouraged to apply for their major as soon as they are eligible. An application form is available at [spu.edu/depts/csc](http://spu.edu/depts/csc).

A student must complete the major requirements in effect when the student is admitted to the major.

### **Admission to the Minor**

Admission to a minor in computer science requires:

- A minimum SPU cumulative GPA of 2.0
- A GPA of 2.0 or above in 10 credits of CSC-labeled courses taken at SPU that apply to the minor.

Students are encouraged to apply for their minor as soon as they are eligible. An application form is available at [spu.edu/depts/csc](http://spu.edu/depts/csc).

### Recommended for All Degree Options

Because writing and communication skills are important for computer scientists, ENG 3205 Writing in the Professions and COM 1101 Introduction to Interpersonal Communications are recommended for all students majoring or minoring in the computing sciences.

### Policy on Multiple Computing Sciences Majors

A student cannot double-major in any combination of Department of Computing Sciences degrees. However, a student who has graduated with either computer science degree may pursue an information systems degree as a second baccalaureate degree.

Similarly, a student who has graduated with a degree in information systems may pursue either computer science option as a second baccalaureate degree.

All SPU rules governing additional baccalaureate degrees apply.

### Related Degree Programs

**B.S. in Computational Mathematics.** Combines computational and applied mathematics with a strong base in computer science. For more information, refer to the information under [mathematics](#).

**B.S. in Computer Engineering.** Combines strong bases in computer science, digital electronics, and engineering. For more information, refer to the information in [engineering](#).

### BA IN COMPUTER SCIENCE

71 Credits Minimum, Including 41 Upper Division (UD)

#### Suggested Course Sequence

#### General Core: B.A. in Computer Science Degree

Course	Credits
CSC 1230 <a href="#">Problem Solving &amp; Programming</a>	5
CSC 2430 <a href="#">Data Structures I</a> (5) CSC 2431 <a href="#">Data Structures II</a> (5)	10
CSC 3150 <a href="#">Systems Design</a>	5
CSC 3220 <a href="#">Applications Programming</a>	3
CSC 3221 <a href="#">Netcentric Computing</a>	3
CSC 3310 <a href="#">Concepts in Programming Langs</a>	3
CSC 3350 <a href="#">Operating Systems Programming</a>	3
CSC 3430 <a href="#">Algorithm Design &amp; Analysis</a>	3
CSC 3750 <a href="#">Computer Architectr/Organztion</a>	5
CSC 3899 <a href="#">Social Impacts of Computing</a>	3
CSC 4898 <a href="#">Senior Capstone in CSC</a>	2
MAT 1221 <a href="#">Survey of Calculus</a>	5
MAT 1360 <a href="#">Introduction to Statistics</a> (5) MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5)	5
MAT 1720 <a href="#">Math for Computer Science</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>60</b>

#### Minimum 5 credits from the following list

Course	Credits
CSC 4151 <a href="#">Software Engineering I</a> (3) CSC 4152 <a href="#">Software Engineering II</a> (3)	6

OR	
CSC 4760 <a href="#">Advanced Computer Architecture</a>	5
OR	
CSC 4820 <a href="#">Adv Issues in CSC: Project</a>	5
OR	
CSC 4970 <a href="#">Directed Resrch in Comp Scienc</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Electives: Two courses from the list CSC 4000-4850</b>	<b>6</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>71</b>

### BS IN COMPUTER SCIENCE

106 Credits Minimum, Including 48 Upper Division (UD)

#### Suggested Course Sequence

#### General Core: B.S. in Computer Science Degree

Course	Credits
CSC 1230 <a href="#">Problem Solving &amp; Programming</a>	5
CSC 2430 <a href="#">Data Structures I</a> (5)	10
CSC 2431 <a href="#">Data Structures II</a> (5)	
CSC 3150 <a href="#">Systems Design</a>	5
CSC 3220 <a href="#">Applications Programming</a>	3
CSC 3221 <a href="#">Netcentric Computing</a>	3
CSC 3310 <a href="#">Concepts in Programming Langs</a>	3
CSC 3350 <a href="#">Operating Systems Programming</a>	3
CSC 3430 <a href="#">Algorithm Design &amp; Analysis</a>	3
CSC 3760 <a href="#">Computer Orgnztn &amp; Assem Lang</a>	5
CSC 4898 <a href="#">Senior Capstone in CSC</a>	2
MAT 1234 <a href="#">Calculus I</a> (5)	15
MAT 1235 <a href="#">Calculus II</a> (5)	
MAT 1236 <a href="#">Calculus III</a> (5)	
MAT 3360 <a href="#">Probability &amp; Statistics</a>	5
OR	
MAT 2200 <a href="#">Engineering Probability&amp;Stats</a> (3)	6
MAT 2401 <a href="#">Linear Algebra</a> (3)	
OR	
MAT 2200 <a href="#">Engineering Probability&amp;Stats</a> (3)	6
MAT 3237 <a href="#">Differential Equations</a> (3)	
MAT 2720 <a href="#">Discrete Mathematics</a>	3
EE 1210 <a href="#">Intro to Logic System Design</a>	5
EE 3280 <a href="#">Microcontroller System Design</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>75</b>

**Select 3 courses, 2 must be from the same discipline.**

Course	Credits
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a> (5)	15
PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a> (5)	

CHM 1211 <a href="#">General Chemistry I</a> (5)	
CHM 1212 <a href="#">General Chemistry II</a> (5)	
CHM 1330 <a href="#">Organic &amp; Biological Chemistry</a> (5)	
BIO 2101 <a href="#">General Biology</a> (5)	
BIO 2102 <a href="#">General Biology</a> (5)	
BIO 2103 <a href="#">General Biology</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Minimum 5 credits from the following list</b>	
<b>Course</b>	<b>Credits</b>
CSC 4151 <a href="#">Software Engineering I</a> (3)	6
CSC 4152 <a href="#">Software Engineering II</a> (3)	
OR	
CSC 4760 <a href="#">Advanced Computer Architecture</a>	5
OR	
CSC 4820 <a href="#">Adv Issues in CSC: Project</a>	5
OR	
CSC 4970 <a href="#">Directed Resrch in Comp Scienc</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Electives: CSC 4000-CSC 4850</b>	<b>11</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>106</b>

### COMPUTING SCIENCES MINOR

33 Credits Minimum, Including 15 Upper Division (UD)

<b>Core - Both Courses Required</b>	
<b>Course</b>	<b>Credits</b>
CSC 1230 <a href="#">Problem Solving &amp; Programming</a>	5
CSC 2430 <a href="#">Data Structures I</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Intermediate Programming - Select one of the following</b>	
<b>Course</b>	<b>Credits</b>
CSC 2431 <a href="#">Data Structures II</a> (5)	3
CSC 3220 <a href="#">Applications Programming</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Math Requirement - Select one of the following</b>	
<b>Course</b>	<b>Credits</b>
MAT 1221 <a href="#">Survey of Calculus</a> (5)	5
MAT 1234 <a href="#">Calculus I</a> (5)	
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	
MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5)	
PSY 2360 <a href="#">Intro to Stats Soc &amp; Behav Sci</a> (5)	
SOC 2360 <a href="#">Intro to Stats Soc &amp; Behav Sci</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>15 Approved UD credits (min. of 10 must be CSC 3000-4850)</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>33</b>

**BS IN INFORMATION SYSTEMS**

81 Credits Minimum, Including 51 Upper Division (UD)

Suggested Course Sequence**Computing Core**

Course	Credits
CSC 1230 <a href="#">Problem Solving &amp; Programming</a>	5
CSC 2430 <a href="#">Data Structures I</a> (5) CSC 2431 <a href="#">Data Structures II</a> (5)	10
CSC 3150 <a href="#">Systems Design</a>	5
CSC 3220 <a href="#">Applications Programming</a>	3
CSC 3221 <a href="#">Netcentric Computing</a>	3
CSC 3750 <a href="#">Computer Architectr/Organztion</a>	5
BUS 4625 <a href="#">Organization's Presence on Net</a>	5
CSC 4410 <a href="#">Database Management</a>	5
CSC 4898 <a href="#">Senior Capstone in CSC</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>43</b>

**Quantitative Analysis**

Course	Credits
MAT 1221 <a href="#">Survey of Calculus</a>	5
MAT 1360 <a href="#">Introduction to Statistics</a> (5) MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5)	5
MAT 1720 <a href="#">Math for Computer Science</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>

**IS Environment**

Course	Credits
BUS 3620 <a href="#">Management Information Systems</a>	5
BUS 3614 <a href="#">Organizatnl Behavr for Managrs</a> (5) BUS 4644 <a href="#">Operations Management</a> (5)	5
COM 4265 <a href="#">Organizational Communication</a>	5
CSC 3899 <a href="#">Social Impacts of Computing</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>

**Minimum 5 credits from the following list**

Course	Credits
CSC 4151 <a href="#">Software Engineering I</a> (3) CSC 4152 <a href="#">Software Engineering II</a> (3)	6
OR CSC 4820 <a href="#">Adv Issues in CSC: Project</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>81</b>

COURSE DESCRIPTIONS:



[CSC 1010](#) | [CSC 1123](#) | [CSC 1124](#) | [CSC 1126](#) | [CSC 1130](#) | [CSC 1230](#) | [CSC 1521](#) | [CSC 1800](#) | [CSC 2220](#) | [CSC 2222](#) | [CSC 2230](#) | [CSC 2430](#) | [CSC 2431](#) | [CSC 2951](#) | [CSC 3150](#) | [CSC 3220](#) | [CSC 3221](#) | [CSC 3310](#) | [CSC 3350](#) | [CSC 3430](#) | [CSC 3750](#) | [CSC 3760](#) | [CSC 3899](#) | [CSC 3900](#) | [CSC 3930](#) | [CSC 3940](#) | [CSC 3950](#) | [CSC 3960](#) | [CSC 4150](#) | [CSC 4151](#) | [CSC 4152](#) | [CSC 4210](#) | [CSC 4310](#) | [CSC 4350](#) | [CSC 4410](#) | [CSC 4510](#) | [CSC 4750](#) | [CSC 4760](#) | [CSC 4800](#) | [CSC 4810](#) | [CSC 4820](#) | [CSC 4898](#) | [CSC 4900](#) | [CSC 4930](#) | [CSC 4940](#) | [CSC 4950](#) | [CSC 4960](#) | [CSC 4970](#) | [VIEW ALL](#)

**CSC 1010: Science and Technology (5) [Offerings](#)**

Provides lecture, discussion, and laboratory experiences in the physical sciences. Examines the scientific method and the design of experiments and computer simulations. Covers selected scientific concepts and theories drawing examples from the fields of computing, electronics, physics, and earth science.

Attributes: *Natural Science B*

**CSC 1123: Spreadsheets (1) [Offerings](#)**

What is a "Spreadsheet"? This course covers creating, modifying, saving, and printing spreadsheet documents; entering and using formulas and calculations; editing and importing data; incorporating graphs; and formatting and enhancing the appearance of a spreadsheet document.

Cross-listed Courses: *BUS 1700*

**CSC 1124: Databases (1) [Offerings](#)**

Asks the questions "What is a Database?" "What is a relational database management system?" This course covers designing a database; defining tables; defining and editing fields; entering and editing data; creating and using queries using one or more tables; and creating, formatting, and enhancing forms and reports.

**CSC 1126: Presentation Managers (1) [Offerings](#)**

What is a "Presentation Manager"? Covers designing an effective presentation; creating and editing slides, incorporating pictures, drawings, and "graphics"; rearranging topics and slides; formatting and enhancing the look of a presentation; estimating the timing and sequencing of a presentation; and printing notes and handouts.

**CSC 1130: Beginning Programming (5) [Offerings](#)**

Prerequisite: Demonstrable computer literacy and two years of high school algebra. Covers designing a computerized solution to a problem, the software development lifecycle, and structured programming concepts and skills. In addition the course provides an introduction to a modern programming language.

**CSC 1230: Problem Solving & Programming (5) [Offerings](#)**

Prerequisites: High school pre-calculus, math analysis, or equivalent and demonstrable computer literacy. An introduction to computer science, this course covers problem-solving methods and algorithm development; modern programming methodologies; and fundamentals of a high-level block structured language.

**CSC 1521: Contemporary Math w/Computing (5) [Offerings](#)**

Prerequisite: Mathematics Placement Level A or MAT 0144. Introduces the mathematics behind the computer and its use as a quantitative problem-solving tool in diverse areas of modern life. Surveys calculating and computing devices. Also examines data representation, storage and manipulation.

Attributes: *Mathematics (MAT)*

**CSC 1800: Special Topics:Computer Usage (1-3) [Offerings](#)**

Prerequisite: Demonstrable 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 2220: Scientific & Engineering Programming (3) [Offerings](#)**

Prerequisites: (MAT 1221 or 1234) and CSC 2430. Explores fundamentals of computer programming and problem solving for engineering and science students.

**CSC 2222: Programming Techniques (3) [Offerings](#)**

Prerequisite: CSC 2430. Intermediate programming and problem-solving techniques that will introduce a different programming language than used in

CSC 2430.

**CSC 2230: Comptr Programmng for Engineers (5) [Offerings](#)**

Prerequisite: MAT 1235. Introduction to computer programming with an engineering applications theme. Topics include math and logical operations, data types, matrices, conditions and decisions looping subroutines, numerical methods, and plotting. This course is not the prerequisite to CSC 2430.

**CSC 2430: Data Structures I (5) [Offerings](#)**

Prerequisite: CSC 1230 or equivalent. 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, linked linear data structures, and recursion.

**CSC 2431: Data Structures II (5) [Offerings](#)**

Continuation of CSC 2430. Covers linked data structures, including trees, and other non-linear representations; introduces graphs and networks; explores external data structures, and techniques necessary for implementing different file organizations; and methods of organizing and accessing data on secondary storage devices (indexing, trees, and hashing).

**CSC 2951: "C++" Programing-IS (2) [Offerings](#)**

Prerequisite: Previous problem-solving and programming course in a language other than C or C++. Presents fundamentals of the C++ programming language. Offered as a directed-study, instructor arranged course.

**CSC 3150: Systems Design (5) [Offerings](#)**

Prerequisite: CSC 2430. CSC 3220 is recommended. 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*

**CSC 3220: Applications Programming (3) [Offerings](#)**

Prerequisite: CSC 2430. 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*

**CSC 3221: Netcentric Computing (3) [Offerings](#)**

Prerequisite: CSC 3220. Introduction to networking and the Internet. Topics studied include network architectures, network security, communication, and networking layer protocols, and the Web as an example of client-server computing. In addition, students will practice building Web applications.

Attributes: *Upper-Division*

**CSC 3310: Concepts in Programming Langs (3) [Offerings](#)**

Prerequisite: CSC 2431 and (MAT 1720 or MAT 2720). Explores organization and structure of programming languages; run-time behavior and requirements of programs; and programming language specification.

Attributes: *Upper-Division*

**CSC 3350: Operating Systems Programming (3) [Offerings](#)**

Prerequisites: CSC 2431 and either CSC 3750 or CSC 3760 or CPE 3760 or EE 3760. 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.

Cross-listed Courses: *CPE 3350* Attributes: *Upper-Division*

**CSC 3430: Algorithm Design & Analysis (3) [Offerings](#)**

Prerequisites: CSC 2431 and (MAT 1360 or MAT 2700 or MAT 3360) and (MAT 1720 or MAT 2720, may be taken concurrently). 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*

**CSC 3750: Computer Architectr/Organztion (5) [Offerings](#)**

Prerequisites: CSC 2431 (concurrent registration allowed), and (MAT 1720 or 2720). Covers digital logic, computer structure, machine language, addressing, use and operation of assemblers, micro-architectures, instruction formats, and the memory hierarchy.

Attributes: *Upper-Division*

**CSC 3760: Computer Orgnztn & Assem Lang (5) [Offerings](#)**

Prerequisites: CSC 2430 and EE 1210. 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.

Cross-listed Courses: *CPE 3760, EE 3760* Attributes: *Upper-Division*

**CSC 3899: Social Impacts of Computing (3) [Offerings](#)**

Covers ethical, social, and societal-impact issues with which computer professionals and users must deal. Sample topics include invasion of privacy, computer crime, intellectual property, software theft, computer security, ethics in the workplace, and the global information society. Class format is a combination of lecture and discussion.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman, Sophomore students are excluded.*

**CSC 3900: Indep Study in Cmptr Science (1-5) [Offerings](#)**

Independent study and research in an advanced computer science topic. May be repeated for credit up to 10 credits.

Attributes: *Upper-Division*

**CSC 3930: 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 10 credits.

Attributes: *Upper-Division*

**CSC 3940: Internship in Computer Science (1-5) [Offerings](#)**

Provides a significant learning experience to be obtained in a supervised work-study environment. Typically involves work in systems analysis and design, advanced applications, programming, quality assurance, or end-user support. Includes an assessment of Christian service issues or experiences. May be repeated for credit up to 10 credits.

Attributes: *Upper-Division*

**CSC 3950: Topics in Computer Science (1-5) [Offerings](#)**

Advanced or special interest topics in computer science. May be repeated for credit up to 10 credits.

Attributes: *Upper-Division*

**CSC 3960: Project in Computer Science (1-5) [Offerings](#)**

Independent work on a significant project in computer science. May be repeated for credit up to 10 credits.

Attributes: *Upper-Division*

**CSC 4150: Software Engineering (5) [Offerings](#)**

Prerequisite: CSC 3150. Covers topics in software engineering, including team programming, project planning and management, SDLC (software development life cycle) and software quality assurance. Course requirements include the

design and implementation of a team software project.

Cross-listed Courses: CPE 4150 Attributes: Upper-Division Restrictions: Senior students only.

**CSC 4151: Software Engineering I (3) [Offerings](#)**

Prerequisite: CSC 3150. 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.

Cross-listed Courses: CPE 4151 Attributes: Upper-Division Restrictions: Senior students only.

**CSC 4152: Software Engineering II (3) [Offerings](#)**

Prerequisite: CSC/CPE 4151. 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.

Cross-listed Courses: CPE 4152 Attributes: Upper-Division Restrictions: Senior students only.

**CSC 4210: Theory of Computatn & Algorithn (3) [Offerings](#)**

Prerequisites: CSC 3430. Introduction to theoretical topics in computer science. Includes formal languages, automata and parsing; computational complexity, analysis of algorithms; computability; and program correctness and verification.

Attributes: Upper-Division

**CSC 4310: Compiler Design (3) [Offerings](#)**

Prerequisites: CSC 3310, and (CSC 3750 or CSC/CPE/EE 3760). Studies programming language translation and compiler design concepts; language

recognition, symbol table management, semantic analysis, and code generation.

Attributes: *Upper-Division*

**CSC 4350: Advanced Operating Systems (3) [Offerings](#)**

Prerequisite: CSC 3350 or CPE 3350. Introduces the major functions of operating systems. Covers processes and concurrency; concurrent programming; resource allocation, contention and control; scheduling, memory management, and device management.

Cross-listed Courses: *CPE 4350* Attributes: *Upper-Division*

**CSC 4410: Database Management (5) [Offerings](#)**

Prerequisites: CSC 3150. Introduces database concepts: data models; data description and data manipulation languages; query facilities; data security, integrity, and reliability; and multi-user database processing. Primary emphasis is on the relational data model. Includes the design and implementation of applications using a relational DBMS.

Attributes: *Upper-Division*

**CSC 4510: Graphical User Interface (3) [Offerings](#)**

Prerequisite: CSC 3221. Introduction to programming in the Windows GUI environment. Comparison to other GUI environments.

Attributes: *Upper-Division*

**CSC 4750: Computer Networks (5) [Offerings](#)**

Prerequisites: CSC 3750 or CSC 3760, or CPE 3760 or EE 3760.  
Recommended: CSC 2431. Studies concepts and terminology of computer networks, equipment, and protocols. Emphasis is on local area networks.

Cross-listed Courses: *CPE 4750* Attributes: *Upper-Division*

**CSC 4760: Advanced Computer Architecture (5) [Offerings](#)**



Prerequisite: CSC 3750 or CSC 3760, or CPE 3760 or EE 3760. Recommended: CSC 2431. Studies the architecture of multiprocessor, pipelined, and parallel computers. Emphasis is placed on principles of parallelism and the architecture of state-of-the-art supercomputers. A team project is required.

Cross-listed Courses: CPE 4760 Attributes: Upper-Division

**CSC 4800: Adv Issues in Computer Science (3-5) [Offerings](#)**

An advanced course studying 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 an unlimited number of credits.

Attributes: Upper-Division Restrictions: Computing Sciences, Information Systems Majors only.

**CSC 4810: Advanced Issues in Computer (3-5) [Offerings](#)**

An advanced course studying 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 an unlimited number of credits.

Attributes: Upper-Division, Writing "W" Course Restrictions: Computing Sciences, Information Systems Majors only.

**CSC 4820: Adv Issues in CSC: Project (5) [Offerings](#)**

An advanced course studying a special interest topic in computer science. A team project is required. Topics may vary between offerings. May be repeated for credit 2 times.

Attributes: Upper-Division Restrictions: Computing Sciences, Information Systems Majors only.

**CSC 4898: Senior Capstone in CSC (2) [Offerings](#)**

This senior capstone course will explore topics and frontiers in the computing sciences. Students will write a significant paper or design and implement an experimental project that investigates a current topic within the computing

sciences.

Attributes: *Upper-Division* Restrictions: *Computing Sciences, Information Systems Majors only. Senior students only.*

**CSC 4900: Indep Study in Computer Sci (1-5) [Offerings](#)**

Independent study and research in an advanced computer science topic. May be repeated for credit up to 15 credits.

Attributes: *Upper-Division*

**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 8 credits.

Attributes: *Upper-Division*

**CSC 4940: Internship in Computer Science (1-5) [Offerings](#)**

Provides a significant learning experience to be obtained in a supervised work-study environment. Typically involves work in systems analysis and design, advanced applications, or systems programming, quality assurance, or end-user support. Includes an assessment of Christian service issues or experiences. May be repeated for credit up to 8 credits.

Attributes: *Upper-Division*

**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 5 credits.

Attributes: *Upper-Division* Restrictions: *Computing Sciences, Information Systems Majors only. Freshman, Sophomore students are excluded.*

**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 8 credits.

*[Attributes:](#) Upper-Division*

**CSC 4970: Directed Resrch in Comp Scienc (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:](#) Computing Sciences, Information Systems  
Majors are excluded. Majors only. Freshman, Sophomore students are excluded.*

## ENGINEERING

Otto Miller Hall  
206-281-2140  
[spu.edu/engineering](http://spu.edu/engineering)

**FACULTY:** [Kevin Bolding](#), [Don Peter](#), [Melani Plett](#)  
**John Lindberg**, Physics/GEngr Appropriate and Sustainable Engineering  
**Phil Prins**, Computer Science/Coordinator Computer Engineering  
**Elaine P. Scott**, Engineering/Director of Engineering Programs

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.

Today, as civilization becomes more complex, engineers must not only have a deeper understanding of the physical world and our rapidly changing technologies, but they must also hold an increased sensitivity to the long-term effects of technology on people and the environment.

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

Here at Seattle Pacific, students develop these skills through an academically challenging curriculum with hands-on, design-oriented applications in a Christ-centered community-oriented environment, supported by a dedicated and easily accessible faculty. With these foundations, our graduates are well prepared to engage our culture's technical challenges to change the world for the benefit of humankind and God's creation.

### Admission to Engineering Majors

Student performance during the first two years will be used as an indicator of the student's promise of success in engineering. Application for admission to an engineering major should be made in the Winter Quarter of the sophomore year. Transfer students will be evaluated for admission on a case-by-case basis.

For applicants to the electrical engineering major or the computer engineering major, the completed coursework must include EE 2726 Circuits I or a course taken at SPU requiring Circuits I as a prerequisite.

For applicants to the general engineering major, the completed coursework must include either EE 2726 Circuits I or EGR 2891 Statics, or a course taken at SPU requiring Circuits I or Statics as a prerequisite.

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

### Majors and Minors

SPU offers B.S. degrees and minors in electrical engineering (BSEE), general engineering (BSGE), and computer engineering (BSCPE). The BSEE degree is accredited by the Engineering Accreditation Commission of ABET ([abet.org](http://abet.org)).

The BSGE degree may include a concentration in mechanical engineering or appropriate and sustainable engineering, or it may be completed without a concentration. The mechanical engineering concentration is natural complement to the electrical engineering program due to the many areas of synergy between these fields. The appropriate and sustainable concentration is a unique program designed as 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.

[Details for the Electrical Engineering major and minor](#)  
[Details for the General Engineering major and minor](#)  
[Details for the Computer Engineering major and minor](#)

### Electrical Engineering "Flex" Degree Program for Full-time Working Students

SPU offers a unique opportunity for students to earn their BSEE degree in our ABET-accredited electrical engineering program while working full time. This program is specifically designed to address the needs of working students through its state-of-the-art technologically enhanced learning environment.

Students interested in the flex program are strongly advised to contact the [electrical engineering chair](#) for details. Completion of a direct transfer A.A. degree through Washington community colleges is highly recommended. See the [transfer student guide](#) for more information.

### **3-2 Transfer Program**

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 students to complete three years of study at SPU and two years at the partnering school resulting in a B.A. in physical sciences from SPU and a B.S. from the participating engineering school.

During the three years spent in residence at SPU, the student satisfies both the requirements for the SPU B.A. degree and many fundamental requirements for the B.S. degree by taking the core Christian foundations, liberal arts, and prescribed courses in chemistry, physics, mathematics, and engineering. If the student then fulfills the entrance requirements of the partner university, he or she may then transfer to the participating university. At that university, the student 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.

#### Details for the 3-2 Transfer Program

### **Internship Program**

All engineering majors are required to participate in an engineering-related internship with industry or another career entity. The internship must include a minimum of 200 hours of work; in almost all cases, the student will be paid by the employer. Normally students complete internships during the summer between their junior and senior years.

The Engineering Department will provide information to help students find internships, but students are individually responsible for locating and completing appropriate internships.

### **Fundamentals of Engineering Exam**

Seattle Pacific University electrical engineering seniors are urged to take 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. On the other hand, electrical engineering majors are **required**, as a graduation requirement, to take and pass an online practice version of the FE exam. Passing this practice version is defined as earning a score of 50 percent or higher on each of its sections, the first covering general engineering topics and the second covering electrical engineering.

### **Expectations of Entering High School Students**

In addition to meeting all the general SPU admission requirements, the high school graduate entering the engineering program should present a high school record showing four years of mathematics, one year each of physics and chemistry, and three years of a particular foreign language. SAT scores of at least 1100 are recommended.

Those students entering with deficiencies should consult an engineering advisor for a program of preparation for the engineering curriculum.

### **Expectations of Entering Transfer Students**

Transfer students should have at least a 2.75 transfer GPA; a 3.0 is preferred. Transfer work will be evaluated by the Engineering Department to determine if the student needs to take EGR 1402 Introduction to Engineering or EGR 3402 Introduction to Engineering II.

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

### Introduction to Engineering and University Seminar

Students entering as freshmen are required to take either the engineering University Seminar "Be Part of the Solution" or EGR 1402 Introduction to Engineering. Students who take a different University Seminar or the University Scholars Seminar must also take EGR 1402.

### Calculus Successful Progress Requirement

All students intending on majoring in engineering (EE, CPE, general engineering, physical sciences) must meet the successful calculus progress requirement listed below:

- Students who earn a grade of C+ or higher in Calculus I in Autumn Quarter and a grade of C+ or higher in Calculus II in Winter Quarter satisfy the calculus successful-progress requirement.
- Students who earn a grade of C or lower in Calculus I in Autumn Quarter, or who register for Calculus I in Winter Quarter are required to register for EGR 1125 (Engineering Study Preparation) in Winter Quarter.
- Students who earn a grade of C or lower in either Calculus I or Calculus II in Winter Quarter are required to register for EGR 1125 (Engineering Study Preparation) in Spring Quarter.
- Students who complete Calculus I and II at a different institution should consult with an engineering advisor to determine if they have completed this requirement.

### Humanities and Social Science Requirement

To satisfy ABET accreditation guidelines, all electrical engineering students must take at least 24 credits of philosophy, religion, history, literature, fine arts, sociology, psychology, political science, or foreign languages other than a student's native language(s). These courses satisfy a general humanities and social-science accreditation requirement.

Students who take the full SPU Core and Exploratory general education program more than meet this requirement. However, transfer students should carefully select their courses to ensure they fulfill the 24-credit humanities and social-science requirement both in breadth and depth. They must see their assigned general education advisor to ensure this requirement is met.

### ELECTRICAL ENGINEERING MAJOR

130 Credits Minimum, Including 64 Upper Division (UD)

#### Suggested Course Sequence

#### Intro to Engineering (take "Be Part of the Solution" USEM)

Course	Credits
USEM 1000 <a href="#">University Seminar</a> (5)	1
EGR 1402 <a href="#">Intro to Engineering I</a> (1)	

**SECTION CREDITS REQUIRED 1**

#### Mathematics

Course	Credits
MAT 1234 <a href="#">Calculus I</a> (5)	15
MAT 1235 <a href="#">Calculus II</a> (5)	
MAT 1236 <a href="#">Calculus III</a> (5)	

MAT 3237 [Differential Equations](#) 3

MAT 3238 [Vector Calculus](#) 3

MAT 2401 [Linear Algebra](#) 3

**SECTION CREDITS REQUIRED 24**

#### Science

Course	Credits
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a>	5
PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a>	5
PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a>	5

**SECTION CREDITS REQUIRED 15**

<b>Engineering: Computer Science</b>	
<b>Course</b>	<b>Credits</b>
CSC 1230 <a href="#">Problem Solving &amp; Programming</a>	5
CSC 2430 <a href="#">Data Structures I</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Engineering</b>	
<b>Course</b>	<b>Credits</b>
EGR 2200 <a href="#">Engineering Probability&amp;Stats</a>	3
EGR 4940 <a href="#">Engineering Internship</a>	1-5
<b>SECTION CREDITS REQUIRED</b>	<b>4</b>
<b>Electrical Engineering</b>	
<b>Course</b>	<b>Credits</b>
EE 1210 <a href="#">Intro to Logic System Design</a>	5
EE 2726 <a href="#">Electric Circuits I</a> (4)	12
EE 2727 <a href="#">Electric Circuits II</a> (4)	
EE 3028 <a href="#">Electric Circuits III</a> (4)	
EE 3000 <a href="#">EE Seminar &amp; Internship Prep</a>	1
EE 3280 <a href="#">Microcontroller System Design</a>	5
EE 3410 <a href="#">Signal &amp; System Analysis</a>	5
EE 3550 <a href="#">Communication System Analysis</a>	5
EE 3721 <a href="#">Elec I Analog Devices &amp; Circ</a> (5)	10
EE 3722 <a href="#">Elec II Analog Electronics</a> (5)	
EE 3730 <a href="#">Engineering Design</a>	5
EE 3760 <a href="#">Computer Orgnztn &amp; Assem Lang</a>	5
EE 4211 <a href="#">Micrprcsr-Bse Mxd Sig Sys DesI</a> (3)	9
EE 4212 <a href="#">Micrprcsr-Bse Mxd Sig Sys D II</a> (3)	
EE 4899 <a href="#">Micrprcsr-Bs Mxd Sig Sys DSIII</a> (3)	
EE 3315 <a href="#">Electricity and Magnetism I</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>65</b>
<b>Technical Electives</b>	
<b>Course</b>	<b>Credits</b>
BUS 3682 <a href="#">Social Venture Planning</a>	2
OR	
EE 3500 <a href="#">Introduction to Power Systems</a>	5
OR	
EE 3510 <a href="#">Intro to Power Electronics</a>	4
OR	
EE 4311 <a href="#">Optics and Lasers</a>	5
OR	
EE 4450 <a href="#">Control System Design</a>	5
OR	
EE 4560 <a href="#">Wireless Communication Systems</a>	3
OR	

EE 4960 <u>Senior Project</u>	1-5
OR	
EGR 2891 <u>Statics</u>	4
OR	
EGR 2500 <u>Thermodynamics-Fluids I</u>	5
OR	
EGR 3611 <u>ASE I:Alternative Energy System</u>	5
OR	
EGR 3612 <u>ASE II: Hydro-Systems</u>	4
OR	
EGR 3800 <u>Biomedical Engineering I</u>	5
OR	
EGR 3400 <u>Dynamics</u>	5
OR	
EGR 3310 <u>Mechanics of Materials</u>	4
OR	
CPE 4750 <u>Computer Networks</u>	5
OR	
CPE 3350 <u>Operating Systems Programming</u>	3
OR	
CPE 4350 <u>Advanced Operating Systems</u>	3
OR	
CPE 4760 <u>Advanced Computer Architecture</u>	5
OR	
CSC 4800 <u>Adv Issues in Computer Science</u>	3-5
OR	
MAT 3724 <u>Applied Analysis</u>	3
OR	
PHY 3311 <u>Advanced Physics Lab</u>	3
OR	
PHY 3312 <u>Advanced Physics Lab</u>	3
OR	
PHY 3313 <u>Advanced Physics Lab</u>	3
OR	
PHY 4315 <u>Electricity and Magnetism II</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>11</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>130</b>

### ELECTRICAL ENGINEERING MINOR

37 Credits Minimum, Including 24 Upper Division (UD)

#### EE Core Requirements

Course	Credits
EE 3760 <u>Computer Orgnztn &amp; Assem Lang</u>	5
EE 1210 <u>Intro to Logic System Design</u>	5
EE 2726 <u>Electric Circuits I</u>	4
EE 2727 <u>Electric Circuits II</u>	4
EE 3028 <u>Electric Circuits III</u>	4



<b>SECTION CREDITS REQUIRED</b>	<b>22</b>
<b>Any EE Upper Division Courses</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>37</b>

**GENERAL ENGINEERING (NO CONCENTRATION)**

130 Credits Minimum, Including 64 Upper Division (UD)

Suggested Course Sequence

<b>Mathematics Requirements</b>	
<b>Course</b>	<b>Credits</b>
MAT 1234 <u>Calculus I</u>	5
MAT 1235 <u>Calculus II</u>	5
MAT 1236 <u>Calculus III</u>	5
MAT 2401 <u>Linear Algebra</u>	3
MAT 3237 <u>Differential Equations</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>21</b>

<b>Intro to Engineering (take "Be Part of the Solution" USEM)</b>	
<b>Course</b>	<b>Credits</b>
USEM 1000 <u>University Seminar</u> (5) EGR 1402 <u>Intro to Engineering I</u> (1)	1
<b>SECTION CREDITS REQUIRED</b>	<b>1</b>

<b>Sciences Requirements</b>	
<b>Course</b>	<b>Credits</b>
CHM 1211 <u>General Chemistry I</u>	5
CSC 1230 <u>Problem Solving &amp; Programming</u> (5) CSC 2230 <u>Comptr Programmng for Engineers</u> (5)	5
PHY 1121 <u>Physics for Sci &amp; Engineering</u>	5
PHY 1122 <u>Physics for Sci &amp; Engineering</u>	5
PHY 1123 <u>Physics for Sci &amp; Engineering</u>	5
<b>SECTION CREDITS REQUIRED</b>	<b>25</b>

<b>Engineering Requirements</b>	
<b>Course</b>	<b>Credits</b>
EGR 1501 <u>CAD Applications for Engineers</u>	1-2
EE 2726 <u>Electric Circuits I</u>	4
EGR 2200 <u>Engineering Probability&amp;Stats</u>	3
EGR 3000 <u>Engineering Semnr&amp;Intern Prep</u>	1
EGR 3810 <u>General Engineering Design</u>	5
EGR 4940 <u>Engineering Internship</u>	1-5
EGR 4811 <u>Engineering Senior Design I</u>	3
EGR 4812 <u>Engineering Senior Design II</u>	3
EGR 4899 <u>EGR Capstone and Senior Design</u>	3-5
<b>SECTION CREDITS REQUIRED</b>	<b>24</b>

<b>Approved EGR, CpE, or EE Upper Division Courses</b>	<b>45</b>
<b>Approved EGR, CpE, EE, or UD Non-Engineering Courses</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>130</b>

**GENERAL ENGINEERING MAJOR - APPROPRIATE AND SUSTAINABLE ENG**  
130 Credits Minimum, Including 64 Upper Division (UD)

Suggested Course Sequence

**Intro to Engineering (take "Be Part of the Solution" USEM)**

Course	Credits
USEM 1000 <a href="#">University Seminar</a> (5) EGR 1402 <a href="#">Intro to Engineering I</a> (1)	1
<b>SECTION CREDITS REQUIRED</b>	<b>1</b>

**Mathematics Requirements**

Course	Credits
MAT 1234 <a href="#">Calculus I</a>	5
MAT 1235 <a href="#">Calculus II</a>	5
MAT 1236 <a href="#">Calculus III</a>	5
MAT 2401 <a href="#">Linear Algebra</a>	3
MAT 3237 <a href="#">Differential Equations</a>	3
MAT 3238 <a href="#">Vector Calculus</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>24</b>

**Science Requirements**

Course	Credits
CHM 1211 <a href="#">General Chemistry I</a>	5
CSC 1230 <a href="#">Problem Solving &amp; Programming</a> (5) CSC 2230 <a href="#">Compnr Programmng for Engineers</a> (5)	5
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a>	5
PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a>	5
PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>25</b>

**Engineering Requirements**

Course	Credits
EE 2726 <a href="#">Electric Circuits I</a>	4
EE 2727 <a href="#">Electric Circuits II</a>	4
EGR 2200 <a href="#">Engineering Probability&amp;Stats</a>	3
EGR 2891 <a href="#">Statics</a>	4
EGR 3000 <a href="#">Engineering Seminr&amp;Intern Prep</a>	1
EGR 3310 <a href="#">Mechanics of Materials</a>	4
EGR 3400 <a href="#">Dynamics</a>	5
EGR 3500 <a href="#">Thermodynamics-Fluids I</a>	5

EGR 3501	<a href="#">Thermodynamics-Fluids II</a>	5
EGR 3611	<a href="#">ASE I:Alternative Energy System</a>	5
EGR 3612	<a href="#">ASE II: Hydro-Systems</a>	4
EGR 3614	<a href="#">ASE III: Biomass</a>	4
EGR 3810	<a href="#">General Engineering Design</a>	5
EGR 4811	<a href="#">Engineering Senior Design I</a>	3
EGR 4812	<a href="#">Engineering Senior Design II</a>	3
EGR 4899	<a href="#">EGR Capstone and Senior Design</a>	3-5
EGR 4940	<a href="#">Engineering Internship</a>	1-5
<b>SECTION CREDITS REQUIRED</b>		<b>63</b>
<b>Technical Electives below or other approved UD electives</b>		
Course		Credits
EE 3500	<a href="#">Introduction to Power Systems</a> (5)	
EGR 3502	<a href="#">Thermodynamics-Fluids III</a> (4)	
EGR 3300	<a href="#">Properties of Materials</a> (3)	
EGR 3430	<a href="#">System Dynamics</a> (5)	
EGR 4410	<a href="#">Mechanical Design</a> (3)	
EGR 4450	<a href="#">Control Systems Design</a> (5)	
EGR 4510	<a href="#">Thermodynamics-Fluids IV</a> (3)	10
EGR 4610	<a href="#">ASE IV: Systems Design</a> (4)	
MAT 3724	<a href="#">Applied Analysis</a> (3)	
MAT 4725	<a href="#">Numerical Analysis</a> (5)	
PHY 3311	<a href="#">Advanced Physics Lab</a> (3)	
PHY 3313	<a href="#">Advanced Physics Lab</a> (3)	
EE 3028	<a href="#">Electric Circuits III</a> (4)	
<b>SECTION CREDITS REQUIRED</b>		<b>10</b>
<b>Environmental/Societal/Theological Electives (or approved):</b>		
Course		Credits
BIO 3310	<a href="#">Ecology</a> (5)	
BIO 3351	<a href="#">General Microbiology</a> (5)	
CHM 1212	<a href="#">General Chemistry II</a> (5)	
CHM 1330	<a href="#">Organic &amp; Biological Chemistry</a> (5)	
CSC 3899	<a href="#">Social Impacts of Computing</a> (3)	
BUS 4899	<a href="#">Business Ethics</a> (5)	
ECN 2101	<a href="#">Principles of Microeconomics</a> (5)	
ECN 2102	<a href="#">Principles of Macroeconomics</a> (5)	
ECN 3810	<a href="#">Community Economic Development</a> (5)	
ECN 4310	<a href="#">International Political Economy</a> (5)	
GEO 1110	<a href="#">World Regional Geography</a> (5)	
GEO 2207	<a href="#">Economic Geography</a> (5)	
GEO 3170	<a href="#">Geopolitics</a> (5)	8
GEO 3500	<a href="#">Environmental Policy</a> (5)	
POL 3320	<a href="#">Pol &amp; Econ Developmt of Nations</a> (5)	
SOC 3215	<a href="#">Soc Inequality:Power &amp; Privlge</a> (5)	
THEO 2620	<a href="#">Intro to Global &amp; Urban Mnstry</a> (5)	
THEO 3601	<a href="#">Multi-Ethnic Ministry</a> (3)	
THEO 3610	<a href="#">Living in Another Culture</a> (3)	
THEO 3640	<a href="#">Cross-Cultural Communication</a> (3)	
THEO 4602	<a href="#">Latin American Christianity</a> (3)	
THEO 4603	<a href="#">Asian/African Christianity</a> (3)	
THEO 4610	<a href="#">World Religions</a> (3)	
THEO 4940	<a href="#">Internship</a> (1-15)	
THEO 3630	<a href="#">Holistic Ministry</a> (3)	
<b>SECTION CREDITS REQUIRED</b>		<b>8</b>

<b>TOTAL CREDITS REQUIRED</b>	<b>130</b>
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**GENERAL ENGINEERING MAJOR - MECHANICAL ENGINEERING FOCUS**

130 Credits Minimum, Including 59 Upper Division (UD)

Suggested Course Sequence

**Intro to Engineering (take "Be Part of the Solution" USEM)**

Course	Credits
USEM 1000 <a href="#">University Seminar</a> (5)	1
EGR 1402 <a href="#">Intro to Engineering I</a> (1)	

<b>SECTION CREDITS REQUIRED</b>	<b>1</b>
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**Mathematics Requirements**

Course	Credits
MAT 1234 <a href="#">Calculus I</a>	5
MAT 1235 <a href="#">Calculus II</a>	5
MAT 1236 <a href="#">Calculus III</a>	5
MAT 2401 <a href="#">Linear Algebra</a>	3
MAT 3237 <a href="#">Differential Equations</a>	3
MAT 3238 <a href="#">Vector Calculus</a>	3
MAT 3724 <a href="#">Applied Analysis</a>	3

<b>SECTION CREDITS REQUIRED</b>	<b>27</b>
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**Science Requirements**

Course	Credits
CHM 1211 <a href="#">General Chemistry I</a>	5
CSC 1230 <a href="#">Problem Solving &amp; Programming</a> (5)	5
CSC 2230 <a href="#">Comptr Programmng for Engineers</a> (5)	
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a>	5
PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a>	5
PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a>	5

<b>SECTION CREDITS REQUIRED</b>	<b>25</b>
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**Engineering Requirements**

Course	Credits
EE 2726 <a href="#">Electric Circuits I</a>	4
EGR 1501 <a href="#">CAD Applications for Engineers</a>	1-2
EGR 2200 <a href="#">Engineering Probability&amp;Stats</a>	3
EGR 2891 <a href="#">Statics</a>	4
EGR 3000 <a href="#">Engineering Semindr&amp;Intern Prep</a>	1
EGR 3300 <a href="#">Properties of Materials</a>	3
EGR 3310 <a href="#">Mechanics of Materials</a>	4
EGR 3400 <a href="#">Dynamics</a>	5
EGR 3430 <a href="#">System Dynamics</a>	5

EGR 3500	<a href="#">Thermodynamics-Fluids I</a>	5
EGR 3501	<a href="#">Thermodynamics-Fluids II</a>	5
EGR 3502	<a href="#">Thermodynamics-Fluids III</a>	4
EGR 3810	<a href="#">General Engineering Design</a>	5
EGR 4410	<a href="#">Mechanical Design</a>	3
EGR 4811	<a href="#">Engineering Senior Design I</a>	3
EGR 4812	<a href="#">Engineering Senior Design II</a>	3
EGR 4899	<a href="#">EGR Capstone and Senior Design</a>	3-5
EGR 4940	<a href="#">Engineering Internship</a>	1-5
<b>SECTION CREDITS REQUIRED</b>		<b>62</b>
<b>Choose Technical Electives below or approved UD electives</b>		
<b>Course</b>		<b>Credits</b>
PHY 3311	<a href="#">Advanced Physics Lab</a> (3)	
PHY 3312	<a href="#">Advanced Physics Lab</a> (3)	
EGR 3611	<a href="#">ASE I:Alternative Energy System</a> (5)	
EGR 3612	<a href="#">ASE II: Hydro-Systems</a> (4)	
EGR 3613	<a href="#">Engineering/Applied Sci Sys Dn</a> (3)	
EGR 4450	<a href="#">Control Systems Design</a> (5)	
EGR 4510	<a href="#">Thermodynamics-Fluids IV</a> (3)	16
EGR 4610	<a href="#">ASE IV: Systems Design</a> (4)	
EE 2727	<a href="#">Electric Circuits II</a> (4)	
EE 3028	<a href="#">Electric Circuits III</a> (4)	
EE 3500	<a href="#">Introduction to Power Systems</a> (5)	
MAT 4725	<a href="#">Numerical Analysis</a> (5)	
<b>SECTION CREDITS REQUIRED</b>		<b>16</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>130</b>

### GENERAL ENGINEERING MINOR

37 Credits Minimum, Including 33 Upper Division (UD)

<b>Required Courses</b>		
<b>Course</b>		<b>Credits</b>
EGR 2891	<a href="#">Statics</a>	4
EGR 3500	<a href="#">Thermodynamics-Fluids I</a>	5
EGR 3611	<a href="#">ASE I:Alternative Energy System</a> (5)	
EGR 3612	<a href="#">ASE II: Hydro-Systems</a> (4)	4
EGR 3614	<a href="#">ASE III: Biomass</a> (4)	
EGR 3310	<a href="#">Mechanics of Materials</a> (4)	
EGR 3400	<a href="#">Dynamics</a> (5)	4
EGR 3501	<a href="#">Thermodynamics-Fluids II</a> (5)	
<b>SECTION CREDITS REQUIRED</b>		<b>17</b>
<b>EGR, CpE, or EE UD Courses (minimum of 12 EGR credits)</b>		<b>20</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>37</b>

**COMPUTER ENGINEERING MAJOR**

130 Credits Minimum, Including 59 Upper Division (UD)

Suggested Course Sequence**Intro to Engineering (take "Be Part of the Solution" USEM)**

Course	Credits
USEM 1000 <a href="#">University Seminar</a> (5) EGR 1402 <a href="#">Intro to Engineering I</a> (1)	1
<b>SECTION CREDITS REQUIRED</b>	<b>1</b>

**Mathematics Requirements**

Course	Credits
MAT 1234 <a href="#">Calculus I</a> (5) MAT 1235 <a href="#">Calculus II</a> (5) MAT 1236 <a href="#">Calculus III</a> (5)	15
MAT 3237 <a href="#">Differential Equations</a>	3
MAT 2401 <a href="#">Linear Algebra</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>21</b>

**Science Requirements**

Course	Credits
CHM 1211 <a href="#">General Chemistry I</a>	5
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a> (5) PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a> (5) PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a> (5)	15
<b>SECTION CREDITS REQUIRED</b>	<b>20</b>

**Computer Science Requirements**

Course	Credits
CSC 1230 <a href="#">Problem Solving &amp; Programming</a>	5
CSC 2430 <a href="#">Data Structures I</a> (5) CSC 2431 <a href="#">Data Structures II</a> (5)	10
CSC 3150 <a href="#">Systems Design</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>20</b>

**Engineering Requirements**

Course	Credits
EGR 2200 <a href="#">Engineering Probability&amp;Stats</a>	3
EGR 3000 <a href="#">Engineering Semnr&amp;Intern Prep</a>	1
EGR 3810 <a href="#">General Engineering Design</a>	5
EGR 4811 <a href="#">Engineering Senior Design I</a>	3
EGR 4812 <a href="#">Engineering Senior Design II</a>	3
EGR 4899 <a href="#">EGR Capstone and Senior Design</a>	3
EGR 4940 <a href="#">Engineering Internship</a>	1
<b>SECTION CREDITS REQUIRED</b>	<b>19</b>

**Computer Engineering Requirements**

Course	Credits
CPE 3280 <a href="#">Microcontroller System Design</a>	5

CPE 3350 <a href="#">Operating Systems Programming</a>	3
CPE 3550 <a href="#">Communication System Analysis</a>	5
CPE 3760 <a href="#">Computer Orgnztn &amp; Assem Lang</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Electrical Engineering Requirements</b>	
<b>Course</b>	<b>Credits</b>
EE 1210 <a href="#">Intro to Logic System Design</a>	5
EE 2726 <a href="#">Electric Circuits I</a> (4)	8
EE 2727 <a href="#">Electric Circuits II</a> (4)	
EE 3721 <a href="#">Elec I Analog Devices &amp; Circ</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>CPE Tech Electives (minimum 8 credits of CPE classes)</b>	
<b>Course</b>	<b>Credits</b>
CPE 4150 <a href="#">Software Engineering</a> (5)	14
CPE 4151 <a href="#">Software Engineering I</a> (3)	
CPE 4152 <a href="#">Software Engineering II</a> (3)	
CPE 4350 <a href="#">Advanced Operating Systems</a> (3)	
CPE 4750 <a href="#">Computer Networks</a> (5)	
CPE 4760 <a href="#">Advanced Computer Architecture</a> (5)	
CSC 3310 <a href="#">Concepts in Programming Langs</a> (3)	
EE 3028 <a href="#">Electric Circuits III</a> (4)	
EE 3410 <a href="#">Signal &amp; System Analysis</a> (5)	
EE 3722 <a href="#">Elec II Analog Electronics</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>14</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>130</b>

### COMPUTER ENGINEERING MINOR

34 Credits Minimum, Including 15 Upper Division (UD)

#### Computer Engineering Minor Core Requirements

<b>Course</b>	<b>Credits</b>
CSC 1230 <a href="#">Problem Solving &amp; Programming</a>	5
CSC 2430 <a href="#">Data Structures I</a>	5
CSC 3150 <a href="#">Systems Design</a>	5
CPE 3760 <a href="#">Computer Orgnztn &amp; Assem Lang</a>	5
CPE 3280 <a href="#">Microcontroller System Design</a>	5
EE 1210 <a href="#">Intro to Logic System Design</a>	5
EE 2726 <a href="#">Electric Circuits I</a>	4
<b>SECTION CREDITS REQUIRED</b>	<b>34</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>34</b>

### 3-2 TRANSFER PROGRAM

51 Credits Minimum, Including 3 Upper Division (UD)

[Suggested Course Sequence](#)

**Natural Science**

Course	Credits
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a>	5
PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a>	5
CHM 1211 <a href="#">General Chemistry I</a>	5
PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a> (5) CHM 1212 <a href="#">General Chemistry II</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>20</b>
<b>Mathematics</b>	
Course	Credits
MAT 1234 <a href="#">Calculus I</a>	5
MAT 1235 <a href="#">Calculus II</a>	5
MAT 1236 <a href="#">Calculus III</a>	5
MAT 3237 <a href="#">Differential Equations</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Engineering Science Part 1</b>	
Course	Credits
CSC 1230 <a href="#">Problem Solving &amp; Programming</a> (5) CSC 2230 <a href="#">Compnr Programmng for Engineers</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Engineering Science Part 2</b>	
Course	Credits
EGR 2891 <a href="#">Statics</a> (4) EGR 3841 <a href="#">Dynamics</a> (5) EGR 3500 <a href="#">Thermodynamics-Fluids I</a> (5) EGR 3310 <a href="#">Mechanics of Materials</a> (4) EE 2726 <a href="#">Electric Circuits I</a> (4) CHM 3371 <a href="#">Organic Chemistry I</a> (5)	8
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>51</b>

**COURSE DESCRIPTIONS:**

[EGR 1125](#) | [EGR 1402](#) | [EGR 1501](#) | [EGR 2200](#) | [EGR 2891](#) | [EGR 3000](#) | [EGR 3300](#) | [EGR 3310](#) | [EGR 3400](#) | [EGR 3402](#) | [EGR 3430](#) | [EGR 3500](#) | [EGR 3501](#) | [EGR 3502](#) | [EGR 3611](#) | [EGR 3612](#) | [EGR 3614](#) | [EGR 3800](#) | [EGR 3810](#) | [EGR 4410](#) | [EGR 4450](#) | [EGR 4510](#) | [EGR 4610](#) | [EGR 4811](#) | [EGR 4812](#) | [EGR 4899](#) | [EGR 4900](#) | [EGR 4910](#) | [EGR 4930](#) | [EGR 4940](#) | [EGR 4950](#) | [VIEW ALL](#)

**EGR 1125: Engineering Study Preparation (1) [Offerings](#)**

Designed to provide additional skill sets in math and science problem solving, test taking and study habits. Students will develop an individualized study/work plan to ensure engineering success. Required for Electrical Engineering and



General Engineering majors taking Calculus II who received a grade of C or lower in Calculus I and/or for those who are taking Calculus I in winter quarter. Required for Electrical Engineering and General Engineering majors taking Calculus III who received a grade of C or lower in Calculus II. May be repeated for credit up to 4 credits.

**EGR 1402: Intro to Engineering I (1) [Offerings](#)**

Required for all freshmen engineering students. The goal of this course is to develop and broaden the students' understanding and appreciation of the engineering profession. It is intended for lower division students interested in exploring engineering. Students will explore various engineering disciplines, learn about design and problem solving processes, participate on team design projects, and develop and implement an individualized study/work plan to promote success in math, science, and engineering courses.

**EGR 1501: CAD Applications for Engineers (1-2) [Offerings](#)**

This course studies the fundamentals needed to use "CAD" programs. Extra fee.

**EGR 2200: Engineering Probability&Stats (3) [Offerings](#)**

Prerequisite: MAT 1235. Introduces students to concepts of probability and statistics along with methodology for applying these to engineering applications.

Cross-listed Courses: MAT 2200

**EGR 2891: Statics (4) [Offerings](#)**

Prerequisites: PHY 1121, and MAT 1234. PHY 1121 may be taken concurrently. A study of vector forces and their analysis, equilibrium of particles and of rigid bodies, structural analysis, distributed forces, center of gravity and centroids, and internal forces on beams. Extra fee.

**EGR 3000: Engineering Semnr&Intern Prep (1) [Offerings](#)**

Seminar and group discussion on topics related to the engineering mission statement and goals, and the development of professional skills to prepare students for an engineering internship. 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.

Attributes: *Upper-Division*

**EGR 3300: Properties of Materials (3) [Offerings](#)**

Prerequisite: CHM 1211. 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.

Attributes: *Upper-Division*

**EGR 3310: Mechanics of Materials (4) [Offerings](#)**

Prerequisites: EGR 2891. Studies stress and strain, properties of materials, axial load, torsion, bending, shear, strain and stress transformations, deflections of beams and shafts. Extra fee.

Attributes: *Upper-Division*

**EGR 3400: Dynamics (5) [Offerings](#)**

Prerequisites: EGR 2891, MAT 2401, 3237 and PHY 1121. Study of vectorial treatment of Newton's laws for undamped and damped linear, rotational and vibrational motion in several coordinate systems. Includes solving problems for particles and rigid bodies using energy, momentum and angular momentum conservation laws. Extra fee.

Attributes: *Upper-Division*

**EGR 3402: Intro to Engineering II (2) [Offerings](#)**

Required for all transfer engineering students who have taken the equivalent of EE 2726 elsewhere, so will not take it at SPU. Introduction to the SPU engineering program. Provides instruction on the software and hardware that is utilized in the labs at Seattle Pacific University, which is normally covered in beginning classes. Included is the discussion of a Christian worldview, the engineering department's mission statement and goals, and their implications for engineers.

Attributes: *Upper-Division*

**EGR 3430: System Dynamics (5) [Offerings](#)**

Prerequisite: MAT 3237. Studies mathematical modeling, analysis, and design of physical dynamic systems involving energy storage and transfer by lumped-parameter linear elements. Time-domain responses are determined by analytical methods and numeric simulation.

Attributes: *Upper-Division*

**EGR 3500: Thermodynamics-Fluids I (5) [Offerings](#)**

Prerequisites: PHY 1121, 1122, and MAT 1234, 1235. A first course for engineering and physics students in the thermal-fluid sciences, designed to introduce students to the basic subjects of thermodynamics, fluid mechanics, and heat transfer, this course will focus on thermodynamics. It will include problem solving skills and hands-on experiments to demonstrate and facilitate the understanding of key principles.

Attributes: *Upper-Division*

**EGR 3501: Thermodynamics-Fluids II (5) [Offerings](#)**

Prerequisite: EGR 2500, MAT 3238. MAT 3238 may be taken concurrently. A continuing course for engineering and physics students in the thermal-fluid sciences. This course will focus on fluid mechanics. It will include problem solving skills and hands-on experiments to demonstrate and facilitate the understanding of key principles.

Attributes: *Upper-Division*

**EGR 3502: Thermodynamics-Fluids III (4) [Offerings](#)**

Prerequisite: EGR 2500, and MAT 3238. MAT 3238 may be taken concurrently. A continuing course for engineering and physics students in the thermo-fluids sciences. It is designed to extend the students' knowledge of thermodynamics, fluid mechanics, and heat transfer, with a primary emphasis on heat transfer. It will include problem solving skills and hands-on experiments to demonstrate and facilitate the understanding of key principles.

Attributes: *Upper-Division*

**EGR 3611: ASE I: Alternative Energy System (5) [Offerings](#)**

Prerequisite: EE 2726. 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 hydrogen fuel cells. Includes examples of the use of each of these power sources. Extra fee.

Attributes: *Upper-Division*

**EGR 3612: ASE II: Hydro-Systems (4) [Offerings](#)**

Prerequisites: PHY 1121, MAT 2401, and 3237. Introduces water as a natural resource. Investigates fundamental fluid flow concepts, including pipe, and network flow, and explores applications, including water distribution, use, and point-source purification.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**EGR 3614: ASE III: Biomass (4) [Offerings](#)**

Prerequisites: EGR 2500 and CHM 1211. Introduces different energy sources and investigates methods to convert this biomass into a useful form of energy. Biofuels from a variety of sources will be investigated for both small and large scale use, including applications such as biofuel cars and methane digesters.

Attributes: *Upper-Division*

**EGR 3800: Biomedical Engineering I (5) [Offerings](#)**

Prerequisites: BIO 2101 and EE 2726, or special permission of instructor. Introduction to the history of biomedical engineering, biosensors, bioelectric phenomena, bioinstrumentation, biosignal processing, biomechanics, cardiovascular mechanics and ultrasound.

Attributes: *Upper-Division*

**EGR 3810: General Engineering Design (5) [Offerings](#)**

Prerequisite: EGR 3310 and 3400. Team design and construction of industrial or self-designed projects. Typical projects require the analysis, design, and selection of mechanical and electromechanical subsystems and elements. Required components include formal documentation and the use of project management tools and principles. Interdisciplinary projects are encouraged. All projects require oral and written reports. Includes review and analysis of professional papers within a student's discipline. Includes project teaming with business students from the Operations Management course.

*[Attributes:](#) Upper-Division, Writing "W" Course*

**EGR 4410: Mechanical Design (3) [Offerings](#)**

Prerequisites: EGR 3310 and 3400. An introduction to experimental techniques common to structural engineering, interpretation of experimental data, comparison of measurements to numerical/analytical predictions, and formal, engineering report writing.

*[Attributes:](#) Upper-Division*

**EGR 4450: Control Systems Design (5) [Offerings](#)**

Prerequisite: EGR 3430 or EE 3410. Studies analog and control system design using root locus, frequency, and PID methods. Includes a comprehensive design and test of a real time digital control system. MATLAB and Labview are used extensively as design tools.

*[Attributes:](#) Upper-Division*

**EGR 4510: Thermodynamics-Fluids IV (3) [Offerings](#)**

Prerequisite: EGR 3502. A continuing course for engineering and physics students in the thermo-fluid sciences. It is designed to provide practical applications of the principles of thermodynamics, fluid mechanics, and heat transfer. It will include open-ended problems and hands-on experiments to demonstrate and facilitate the understanding of key principles.

*[Attributes:](#) Upper-Division*

**EGR 4610: ASE IV: 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*

**EGR 4811: Engineering Senior Design I (3) [Offerings](#)**

Prerequisite: EGR 3810 or EE 3730. 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.

Attributes: *Upper-Division*

**EGR 4812: Engineering Senior Design II (3) [Offerings](#)**

Prerequisite: EGR 4811. Student teams continue to implement and refine the prototype design from EGR 4811. Teams write detailed technical reports and submit their designs to design reviews. Periodic progress reports and team presentations are required.

Attributes: *Upper-Division*

**EGR 4899: EGR Capstone and Senior Design (3-5) [Offerings](#)**

Prerequisite: EGR 4812. 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 operations manuals and detailed technical manuals. Periodic progress reports and final presentations are required. Includes study of vocation in engineering, writing reflective responses, and preparation of a multimedia portfolio of major projects students have finished. May be repeated for credit up to 5 credits.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Engineering & Applied Science Majors only.*

**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: Wash State FE/EIT Preparation (1) [Offerings](#)**

Seminar review of principles and problem solving in math, chemistry, physics, electrical engineering, mechanics, materials science, and engineering economics in approximation to the proportions these topics are covered in the Washington state FE/EIT test. Extra fee.

*[Attributes:](#) Upper-Division*

**EGR 4930: Engineering Applctn in Industr (1-10) [Offerings](#)**

Provides pre-arranged coordinated field experience in engineering employment in industry. A coordinating committee plans the program with the student and evaluates the learning experience. May be repeated for credit up to 10 credits.

*[Attributes:](#) Upper-Division*

**EGR 4940: Engineering Internship (1-5) [Offerings](#)**

Internship is normally a paid summer job with an engineering company or a university research lab. Other career-related job experiences may be considered. Students will give a written and oral presentation of their work the following Autumn Quarter. The job is fully coordinated between the intern's faculty advisor and an engineer in the host company. The jobs are intended to be a professional learning experience for the student.

*[Attributes:](#) Upper-Division, Writing "W" Course*

**EGR 4950: Topics:General Engineering (1-5) [Offerings](#)**

An advanced course studying a special interest topic in general engineering. Topics and credits may vary between offerings.

Attributes: Upper-Division Restrictions: Computer Engineering, Electrical Engineering, Engineering Science Majors only. Freshman students are excluded.



## ELECTRICAL ENGINEERING

Otto Miller Hall  
206-281-2140  
[www.spu.edu/depts/ee](http://www.spu.edu/depts/ee)

**FACULTY:** [Kevin Bolding](#), [Don Peter](#), [Melani Plett](#)  
Elaine P. Scott, Director of Engineering Programs

### Electrical Engineering Major

(130 credits; 64 upper-division)

Electrical engineers are instrumental in advancing our society by designing and analyzing components and systems related to electricity, electronics, and electro-magnetism. They are vital to the development of new energy systems, biomedical equipment, computing technologies, telecommunications systems, transportation mechanisms, entertainment systems and much more. An education in electrical engineering develops problem solving and communication skills that are crucial for success in today's complex global society. Moreover, an electrical engineering graduate is well-prepared for a very versatile set of rewarding and challenging professional options. Electrical engineering students at Seattle Pacific University enjoy the combination of a Christ-centered liberal education with a high quality program accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET) .

Suggested schedules and other advising documents are available on the [Information for Current Students](#) page of the engineering department's web site.

All students majoring in EE must pass a practice version of the Fundamentals of Engineering Exam before graduation.

### Course Requirements for the Electrical Engineering Major

Notes for Electrical Engineering Major Course Requirements

- EGR 1125 is not required for students in the University Scholars program.
- Students are required to pass the Chemistry proficiency exam or take CHM 1100.
- EGR 1402 or 3402 is required. Transfer work will be evaluated by the Engineering department to determine if the student needs to take EGR 1402 Introduction to Engineering or EGR 3402 Introduction to Engineering II.

### Electrical Engineering Minor

(37 credits; 15 upper-division)

The electrical engineering minor requires 22 credits of core courses and 15 credits of upper-division EE courses.

### Course Requirements for the Electrical Engineering Minor

### Admission to the Electrical Engineering Major

Student performance during the first two years will be used as an indicator of the student's promise of success in engineering. Application for admission to an engineering major should be made in the Winter Quarter of the sophomore year. Transfer students will be evaluated for admission on a case by case basis.

For applicants to the electrical engineering major, the completed coursework must include EE 2726 Circuits I or a course taken at SPU requiring Circuits I as a prerequisite.

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

## ELECTRICAL ENGINEERING MAJOR

130 Credits Minimum, Including 64 Upper Division (UD)

Suggested Course Sequence

<b>Intro to Engineering (take "Be Part of the Solution" USEM)</b>
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Course	Credits
USEM 1000 <a href="#">University Seminar</a> (5) EGR 1402 <a href="#">Intro to Engineering I</a> (1)	1
<b>SECTION CREDITS REQUIRED</b>	<b>1</b>
<b>Mathematics</b>	
Course	Credits
MAT 1234 <a href="#">Calculus I</a> (5) MAT 1235 <a href="#">Calculus II</a> (5) MAT 1236 <a href="#">Calculus III</a> (5)	15
MAT 3237 <a href="#">Differential Equations</a>	3
MAT 3238 <a href="#">Vector Calculus</a>	3
MAT 2401 <a href="#">Linear Algebra</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>24</b>
<b>Science</b>	
Course	Credits
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a>	5
PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a>	5
PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Engineering: Computer Science</b>	
Course	Credits
CSC 1230 <a href="#">Problem Solving &amp; Programming</a>	5
CSC 2430 <a href="#">Data Structures I</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Engineering</b>	
Course	Credits
EGR 2200 <a href="#">Engineering Probability&amp;Stats</a>	3
EGR 4940 <a href="#">Engineering Internship</a>	1-5
<b>SECTION CREDITS REQUIRED</b>	<b>4</b>
<b>Electrical Engineering</b>	
Course	Credits
EE 1210 <a href="#">Intro to Logic System Design</a>	5
EE 2726 <a href="#">Electric Circuits I</a> (4) EE 2727 <a href="#">Electric Circuits II</a> (4) EE 3028 <a href="#">Electric Circuits III</a> (4)	12
EE 3000 <a href="#">EE Seminar &amp; Internship Prep</a>	1
EE 3280 <a href="#">Microcontroller System Design</a>	5
EE 3410 <a href="#">Signal &amp; System Analysis</a>	5
EE 3550 <a href="#">Communication System Analysis</a>	5
EE 3721 <a href="#">Elec I Analog Devices &amp; Circ</a> (5) EE 3722 <a href="#">Elec II Analog Electronics</a> (5)	10
EE 3730 <a href="#">Engineering Design</a>	5

EE 3760 <u>Computer Orgnztn &amp; Assem Lang</u>	5
EE 4211 <u>Micrprcsr-Bse Mxd Sig Sys DesI</u> (3)	9
EE 4212 <u>Micrprcsr-Bse Mxd Sig Sys D II</u> (3)	
EE 4899 <u>Micrprcsr-Bs Mxd Sig Sys DSIII</u> (3)	
EE 3315 <u>Electricity and Magnetism I</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>65</b>
<b>Technical Electives</b>	
<b>Course</b>	<b>Credits</b>
BUS 3682 <u>Social Venture Planning</u>	2
OR	
EE 3500 <u>Introduction to Power Systems</u>	5
OR	
EE 3510 <u>Intro to Power Electronics</u>	4
OR	
EE 4311 <u>Optics and Lasers</u>	5
OR	
EE 4450 <u>Control System Design</u>	5
OR	
EE 4560 <u>Wireless Communication Systems</u>	3
OR	
EE 4960 <u>Senior Project</u>	1-5
OR	
EGR 2891 <u>Statics</u>	4
OR	
EGR 2500 <u>Thermodynamics-Fluids I</u>	5
OR	
EGR 3611 <u>ASE I:Alternative Energy System</u>	5
OR	
EGR 3612 <u>ASE II: Hydro-Systems</u>	4
OR	
EGR 3800 <u>Biomedical Engineering I</u>	5
OR	
EGR 3400 <u>Dynamics</u>	5
OR	
EGR 3310 <u>Mechanics of Materials</u>	4
OR	
CPE 4750 <u>Computer Networks</u>	5
OR	
CPE 3350 <u>Operating Systems Programming</u>	3
OR	
CPE 4350 <u>Advanced Operating Systems</u>	3
OR	
CPE 4760 <u>Advanced Computer Architecture</u>	5
OR	
CSC 4800 <u>Adv Issues in Computer Science</u>	3-5
OR	
MAT 3724 <u>Applied Analysis</u>	3
OR	
PHY 3311 <u>Advanced Physics Lab</u>	3

OR	
PHY 3312 <a href="#">Advanced Physics Lab</a>	3
OR	
PHY 3313 <a href="#">Advanced Physics Lab</a>	3
OR	
PHY 4315 <a href="#">Electricity and Magnetism II</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>11</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>130</b>

### ELECTRICAL ENGINEERING MINOR

37 Credits Minimum, Including 24 Upper Division (UD)

<b>EE Core Requirements</b>	
<b>Course</b>	<b>Credits</b>
EE 3760 <a href="#">Computer Orgnztn &amp; Assem Lang</a>	5
EE 1210 <a href="#">Intro to Logic System Design</a>	5
EE 2726 <a href="#">Electric Circuits I</a>	4
EE 2727 <a href="#">Electric Circuits II</a>	4
EE 3028 <a href="#">Electric Circuits III</a>	4
<b>SECTION CREDITS REQUIRED</b>	<b>22</b>
<b>Any EE Upper Division Courses</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>37</b>

### COURSE DESCRIPTIONS:

[EE 1210](#) | [EE 2726](#) | [EE 2727](#) | [EE 3000](#) | [EE 3028](#) | [EE 3280](#) | [EE 3315](#) | [EE 3410](#) | [EE 3500](#) | [EE 3510](#) | [EE 3550](#) | [EE 3721](#) | [EE 3722](#) | [EE 3730](#) | [EE 3760](#) | [EE 4211](#) | [EE 4212](#) | [EE 4311](#) | [EE 4450](#) | [EE 4491](#) | [EE 4560](#) | [EE 4899](#) | [EE 4900](#) | [EE 4930](#) | [EE 4950](#) | [EE 4960](#) | [VIEW ALL](#)

**EE 1210: Intro to Logic System Design (5) [Offerings](#)**

Introduction to digital logic design including combinational and sequential logic design. Combinational logic covers truth tables, Boolean algebra, logic gates, Karnaugh maps, multiplexers, decoders, encoders, programmable logic and memories. Sequential logic covers latches, flip-flops, clocks, registers, counters, finite state machines, CPLDs and FPGAs. Special emphasis is placed on design techniques. Laboratory exercises include designs using both discrete gates and FPGAs. Extra fee.

**EE 2726: Electric Circuits I (4) [Offerings](#)**

**EE 2726: Electric Circuits I-Lab (0) [Offerings](#)**

Prerequisite: MAT 1236 (can be taken concurrently). Study of Basic Ohm's and Kirchhoff's laws, voltage/current sources, nodal and mesh analysis, power transfer, source transformations, Thevenin's and Norton's theorems and superposition. Introduction to operational amplifiers, inductance, capacitance and first-order circuits. Includes lab problems, short design project, and introduction to Circuit Simulation and MATLAB computer software. The first of a three-course sequence in which the engineer as servant is discussed. Extra fee.

**EE 2727: Electric Circuits II (4) [Offerings](#)**

**EE 2727: Electric Circuits II-Lab (0) [Offerings](#)**

Prerequisites: EE 2726 and MAT 3237 (MAT 3237 can be taken concurrently). Introduction to second-order circuits and state variable analysis. Alternating current theory and analysis, complex power, frequency response, resonance, pole-zero concepts and Bode plots. Introduction to transformers. Includes lab problems, short design project, Circuit Simulation and MATLAB. Extra fee.

**EE 3000: EE Seminar & Internship Prep (1) [Offerings](#)**

Seminar and group discussion on topics related to the engineering mission statement and goals, and the development of skills to prepare students for an engineering internship. 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.

*[Attributes: Upper-Division](#)*

**EE 3028: Electric Circuits III (4) [Offerings](#)**

**EE 3028: Electric Circuits III-Lab (0) [Offerings](#)**

Prerequisite: EE 2727. Introduction to two-port theory, three-phase analysis, Laplace transforms, analog filtering, and additional AC analysis techniques. The lab portion includes the use of Circuit Simulation, and Matlab. Includes a significant team-based design project. Extra fee.

*[Attributes: Upper-Division](#)*

**EE 3280: Microcontroller System Design (5) [Offerings](#)**

Prerequisites: EE 1210 and EE/CSC/CPE 3760. 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. Extra fee.

Cross-listed Courses: CPE 3280 Attributes: Upper-Division

**EE 3315: Electricity and Magnetism I (3) [Offerings](#)**

Prerequisites: MAT 3237 and (PHY 1103 or PHY 1123). The first of a two-course sequence, this course studies electrostatics, magnetostatics, boundary conditions, electromagnetic waves, and introduction to applications such as skin effect, reflections, waveguides, antennas and optics.

Cross-listed Courses: PHY 3315 Attributes: Upper-Division

**EE 3410: Signal & System Analysis (5) [Offerings](#)**

Prerequisites: EE 2727, MAT 2401, MAT 3237 and familiarity with MATLAB computer software. EE 3028 is also a preferred prerequisite. 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. Extra fee.

Attributes: Upper-Division

**EE 3500: Introduction to Power Systems (5) [Offerings](#)**

Prerequisite: EE 2727. Three-phase power generation, transmission and distribution systems. Safety and electric code standards. Practical training in material and component selection for commercial and industrial applications.

Attributes: Upper-Division

**EE 3510: Intro to Power Electronics (4) [Offerings](#)**

Prerequisite: EE 3722. Studies technologies and techniques used to control the flow of electrical power in the context of the larger issues of electric energy use and society. Studies semiconductor switching devices and their central role in efficient power conversion, utility input rectification (AC-DC), switch mode DC-DC and DC-AC conversion (including application to motor drives and UPS), switch-mode DC power supplies including the design of feedback controllers, and Soft Switching. Includes laboratory exercises.

Attributes: *Upper-Division*

**EE 3550: Communication System Analysis (5) [Offerings](#)**

Prerequisite: EE 2727 and 1210 (EE 1210 may be taken concurrently). An introduction to principles of modern communication systems with an emphasis on current technological applications. Covers basics such as transmission media (electrical, optical and wireless), analog and digital signaling techniques, 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. Extra fee.

Cross-listed Courses: *CPE 3550* Attributes: *Upper-Division*

**EE 3721: Elec I Analog Devices & Circ (5) [Offerings](#)**

**EE 3721: Elec I Anlg Devices & Circ-Lab (0) [Offerings](#)**

Prerequisite: EE 2727. Study of electronic devices and basic circuit configurations. Topics covered include operational amplifiers, diodes, ac to dc conversion, amplifier principles, bipolar junction transistors, BJT amplifiers, frequency response and differential amplifiers. Includes project teaming with business students from the Operations Management course. Includes lab problems.

Attributes: *Upper-Division*

**EE 3722: Elec II Analog Electronics (5) [Offerings](#)**

**EE 3722: Elec II Analog Electronics-Lab (0) [Offerings](#)**

Prerequisite: EE 3721. Studies field effect transistors, FET amplifiers, frequency response, feedback, output stages and power amplifiers, operational amplifier

design, and introduces power electronics and PCB design. Continues project teaming with business students from the Operations Management course. Introduces formal design documentation via lab experience. Extra fee.

Attributes: *Upper-Division*

**EE 3730: Engineering Design (5) Offerings**

Prerequisite: EE 3722. Team design and construction of industrial or self-designed projects. Typical EE projects require analog and digital electronic circuit design, development, construction and testing. Required components include formal documentation and the use of project management tools and principles. Interdisciplinary projects are encouraged. All projects require oral and written reports. Includes review and analysis of professional papers within a student's discipline. Includes project teaming with business students from the Operations Management course. Extra fee.

Cross-listed Courses: *EGR 3730* Attributes: *Upper-Division, Writing "W" Course*

**EE 3760: Computer Orgnztn & Assem Lang (5) Offerings**

Prerequisites: CSC 2430 and EE 1210. 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.

Cross-listed Courses: *CSC 3760, CPE 3760* Attributes: *Upper-Division*

**EE 4211: Micrprcsr-Bse Mxd Sig Sys Desl (3) Offerings**

Prerequisites: EE/CPE 3280 and EE/EGR 3730. 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). Projects typically include use of a microcontroller and may include analog-to-digital converters, digital signal-processing chips, external memories, power supplies, user interfaces and more. 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. Extra fee.

Cross-listed Courses: *CPE 4211* Attributes: *Upper-Division*



**EE 4212: Micrprcsr-Bse Mxd Sig Sys D II (3) [Offerings](#)**

Prerequisite: CPE/EE 4211. 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. Extra fee.

Cross-listed Courses: CPE 4212 Attributes: Upper-Division

**EE 4311: Optics and Lasers (5) [Offerings](#)**

Prerequisite: PHY 1103 or 1123. General theory of geometrical optics, physical optics, fiber optics and optical devices. Lectures and laboratory each week. Offered alternate years.

Cross-listed Courses: PHY 4311

**EE 4450: Control System Design (5) [Offerings](#)**

Prerequisite: EE 3028 and 3410. 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. Extra fee.

Attributes: Upper-Division Restrictions: Electrical Engineering, Engineering Science Majors only.

**EE 4491: Solid State Physics (2-5) [Offerings](#)**

Prerequisite: PHY 2321. Focuses on lattice statics and dynamics, electrons and Fermi surfaces, transport phenomena, semiconductors and superconductivity. Offered alternate years.

Cross-listed Courses: PHY 4491

**EE 4560: Wireless Communication Systems (3) [Offerings](#)**

Prerequisite: EE 3550. 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. Extra fee.

Attributes: *Upper-Division*

**EE 4899: Micrprcsr-Bs Mxd Sig Sys DSIII (3) [Offerings](#)**

Prerequisite: EE/CPE 4212. In this capstone course designs from EE 4212 are developed into a manufacturing prototype and tested. Covers testing methodology (hardware and software), board debugging and documentation methodology. Teams author detailed technical manuals. Periodic progress reports and final presentations are required. Includes study of vocation in engineering, writing reflective responses, and preparation of a multimedia portfolio of major projects students have finished. Extra fee.

Cross-listed Courses: *CPE 4899* Attributes: *Upper-Division, Writing "W" Course*

**EE 4900: Independent Study (1-5) [Offerings](#)**

**EE 4900: Logic System Design- IS (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*

**EE 4930: Practicum (1-5) [Offerings](#)**

Practicum May be repeated for credit up to 5 credits.

**EE 4950: Topics: 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*

*Majors only. Freshman, Sophomore students are excluded.*

**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*

## ENGLISH

Marston Hall  
206-281-2036  
[spu.edu/depts/eng/](http://spu.edu/depts/eng/)

**FACULTY:** [Tom Amorose](#), [Christine Chaney](#), [Jennifer Maier](#), [April Middeljans](#), [Luke Reinsma](#), [Kimberly Segall](#), [Doug Thorpe](#), [Tom Trzyna](#), [Susan VanZanten](#), [Mark Walhout](#), [Greg Wolfe](#), [Suzanne Wolfe](#)

Understanding the central role of imagination in living lives of compassion and service in a diverse, interconnected world guides the mission of the SPU English Department.

As English majors, students encounter some of life's fundamental questions about the human condition. They think about the truth-telling possibilities of story, as well as cultivating an understanding of "the word" as God's uniquely human gift. Students think, read, and write extensively in an English academic program marked by a strong degree of community both inside and outside the classroom. And because the study of English also rests on the rigorous tools of critical thinking and textual interpretation, it is excellent preparation for life beyond the university, as well.

Specifically, the wide array of literature courses offered in this program shows how language enables us to investigate and shape our understanding of individuals, human culture, and creation. A student in English may read everything from *Beowulf* to Shakespeare to contemporary African literature, studying both the traditional "great works" of the Western canon as well as emerging voices worldwide — in genres ranging from poetry to novels to film.

Writing is also central to the work of our discipline. The [creative writing concentration](#) of an SPU English major offers training in the craft of three major genres, in addition to deep study in literature and the poetics of the writer's chosen form.

### Careers After College

After college, SPU English majors are sought after by a wide variety of employers and professional degree programs for their expertise in human relationships, communication, interpretation, analysis, and synthesis of important information. Our graduates have entered professions such as the law, medicine, the arts, teaching, ministry — and every type of business. An SPU English degree is excellent training for a successful life after graduation.

By the time of graduation, then, it is our goal that every SPU English major will gain knowledge of British, American, and world literature. They will be skilled in textual interpretation, research, and writing of all kinds. They will understand the relationship between faith and the literary arts, and will understand the power and purpose of imagination in using God's gift of the word.

### Admission to the Major

Formal admission to the English major is usually accomplished early in the sophomore year — or, in the case of transfer students, in the second quarter of residence. The [application form](#)(PDF) must be approved by each student's faculty advisor as well as the department chair.

To qualify for admission to the major, a student should successfully complete at least 10 credits of work in English with a 2.5 GPA or better. At least five of those credits must come from one of the following list of core major courses: ENG 2225, 2251, 2252, 2253. Students must complete the

major requirements in effect in the *SPU Undergraduate Catalog* for the year of admittance to the major.

### **Requirements for the English Major**

Students in both the literature and creative writing concentrations must complete a shared core of courses that ground their understanding of literary history and the interpretive tools of our discipline. Each concentration also has a second core requirement emphasizing craft and methodology. Upper-division coursework in each concentration then moves on to advanced competency in the field, leading ultimately to the English undergraduate degree. If a student is double-majoring in both the Literature and Creative Writing concentrations, the core English major courses may count toward both degrees but no more than 10 other English credits can be counted twice.

Detailed description of major degree requirements:

[English Major: Literature Concentration](#)

[English Major: Creative Writing Concentration](#)

### **Admission to the Minor**

There are three minor programs available in English: literature, creative writing, and professional writing. Students must complete the minor requirements in effect in the *SPU Undergraduate Catalog* for the year of admittance to the minor. All applicants for English minors must have an average GPA of 2.5 or higher in at least two English courses at the 2000 level or above. In addition, creative and professional writing minors must have their list of elective courses approved by their faculty advisor before being admitted to the minor.

Non-English majors who seek a minor in creative writing must also include at least 10 credits of literature in their electives. Finally, English majors may count no more than 10 credits of work in a minor toward their major degree credits.

Detailed descriptions of minor degree requirements:

[English Literature Minor Requirements](#)

[Creative Writing Minor Requirements](#)

[Professional Writing Minor Requirements](#)

### **Integrated Studies Major with a concentration in Language Arts (For students seeking K-8 certification)**

Students who are planning to obtain elementary school teacher certification and are interested in English or language arts must major in the [integrated studies major](#) with a concentration in language arts.

- The concentration consists of courses in literature, writing, and grammar.
- [Application \(PDF\)](#) to this major is through the English Department advisor for the language arts concentration, Dr. Luke Reinsma ([lreinsma@spu.edu](mailto:lreinsma@spu.edu)).
- Further information on the [elementary certification program](#) is available in the [School of Education](#) section of the *Undergraduate Catalog*.

Note: Students completing the integrated studies major with language arts concentration are subject to the foreign language requirements for English majors outlined below.

[Requirements for Integrated Studies: Language Arts concentration](#)

[Requirements for Elementary Certification](#)

### Foreign Language Requirement

All students who complete the English major must be proficient in a foreign language. Proficiency is established upon satisfactory completion of the third quarter of a first-year college-level foreign language course or its equivalent.

For alternate ways of satisfying this requirement, see the [General Education](#) section of this *Catalog*. Language proficiency is not satisfied by transfer of an associate's degree from a community college unless the transcript records the completion of adequate foreign language coursework. It is strongly recommended, however, that English majors complete at least two years of study of either a contemporary or ancient foreign language.

### Study Abroad Opportunities

**British Isles Quarter.** A biennial study abroad program, [British Isles Quarter \(BIQ\)](#), offers students an opportunity to take regular English courses from an SPU professor while residing and traveling in Great Britain for a full academic quarter. For details about upcoming BIQs, visit [Study Abroad](#).

**Summer Program in South Africa.** A biennial summer study tour, the [Summer Program in South Africa](#) offers students an opportunity to take regular English courses from an SPU professor while traveling in South Africa for a month. For details on upcoming tours, visit [Study Abroad](#).

**Rome: Art and Incarnation.** A biennial and interdisciplinary summer study tour, the [Rome: Art and Incarnation](#) program offers students an opportunity to study creative writing, aesthetics, art, art history, and theology while staying in Rome, Italy, for a month. Co-sponsored by the SPU English and Art departments. For details on upcoming tours, visit [Study Abroad](#).

### Publications

**Image: A Journal of the Arts and Religion.** *Image* is an award-winning and nationally recognized literary journal with editorial offices headquartered in the SPU Department of English. English majors may apply to work as interns on the editorial staff of the journal.

**Lingua.** *Lingua* is SPU's annual student literary magazine. Under the direction of a faculty advisor, students design, edit, and publish the magazine.

### ENGLISH MAJOR: CREATIVE WRITING CONCENTRATION

64 Credits Minimum, Including 30 Upper Division (UD)

#### [Suggested Course Sequence](#)

Major Core	
Course	Credits
ENG 2225 <a href="#">Literary Interpretation</a>	5
ENG 2251 <a href="#">Eng Lit:Beginning Thru Milton</a>	5
ENG 2252 <a href="#">Eng Lit: Restoration-Victorian</a>	5
ENG 2253 <a href="#">Amer Lit:Beginnings to 1900</a>	5
ENG 4445 <a href="#">Shakespeare</a>	5

ENG 4899 <u>Senior Capstone in English</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>28</b>
<b>Creative Writing Core</b>	
<b>Course</b>	<b>Credits</b>
ENG 2215 <u>Imaginative Writing</u>	3
ENG 3150 <u>The Sentence</u> (3)	3
ENG 3180 <u>Advanced Grammar</u> (3)	
ENG 4601 <u>History of English</u> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>
<b>Genre Studies Requirement (ENG 4824 can sub for ENG 4822)</b>	
<b>Course</b>	<b>Credits</b>
ENG 3310 <u>Elements of Prosody</u> (3)	14
ENG 3316 <u>Workshop in Writing Poetry</u> (3)	
ENG 4316 <u>Advanced Poetry Writing</u> (3)	
ENG 4823 <u>The Poem</u> (5)	
ENG 3311 <u>Elements of Narrative</u> (3)	14
ENG 3317 <u>Workshop in Writing Fiction</u> (3)	
ENG 4317 <u>Advanced Fiction Writing</u> (3)	
ENG 4822 <u>The Novel</u> (5)	
ENG 3311 <u>Elements of Narrative</u> (3)	14
ENG 3318 <u>Creative Nonfiction</u> (3)	
ENG 4318 <u>Advanced Creative Nonfiction</u> (3)	
ENG 4825 <u>The Essay</u> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>14</b>
<b>Second Genre Requirement</b>	
<b>Course</b>	<b>Credits</b>
ENG 3316 <u>Workshop in Writing Poetry</u> (3)	3
ENG 3317 <u>Workshop in Writing Fiction</u> (3)	
ENG 3318 <u>Creative Nonfiction</u> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Advanced Literary Studies</b>	
<b>Course</b>	<b>Credits</b>
ENG 3325 <u>Film and Story</u> (5)	10
ENG 3334 <u>American Ethnic Literature</u> (5)	
ENG 3340 <u>European Literature</u> (5)	
ENG 3442 <u>Arthurian Literature</u> (5)	
ENG 3348 <u>Romantic Poetry and Fiction</u> (5)	
ENG 3351 <u>Victorian Literature</u> (5)	
ENG 3380 <u>African Literature</u> (5)	

ENG 3381	<a href="#">Middle Eastern Literature</a> (5)	
ENG 3530	<a href="#">Topics in British Literature</a> (5)	
ENG 3550	<a href="#">The Gothic</a> (5)	
ENG 3630	<a href="#">Topics in World Literature</a> (5)	
ENG 3730	<a href="#">Topics in American Literature</a> (5)	
ENG 3830	<a href="#">Topics in 20th Century Lit</a> (5)	
ENG 3840	<a href="#">Lewis and Tolkien</a> (5)	
ENG 3710	<a href="#">19th Century American Lit</a> (5)	
ENG 3715	<a href="#">20th Century American Lit</a> (5)	
ENG 4152	<a href="#">Modernist Literature</a> (5)	
ENG 4162	<a href="#">Postmodern Literature</a> (5)	
ENG 4440	<a href="#">Geoffrey Chaucer</a> (5)	
ENG 4442	<a href="#">John Milton</a> (5)	
ENG 4450	<a href="#">Emily Dickinson</a> (5)	
ENG 4449	<a href="#">Jane Austen</a> (5)	
ENG 4452	<a href="#">Major American Authors</a> (5)	
ENG 4455	<a href="#">Major British Authors</a> (5)	
ENG 4458	<a href="#">Major World Authors</a> (5)	
ENG 4950	<a href="#">Special Topics</a> (3-5)	
<b>SECTION CREDITS REQUIRED</b>		<b>10</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>64</b>

**Additional Requirements:**  
Foreign Language is required for this major.  
See faculty advisor for details.

### ENGLISH MAJOR: LITERATURE CONCENTRATION

61 Credits Minimum, Including 30 Upper Division (UD)

#### Suggested Course Sequence

<b>Major Core</b>	
<b>Course</b>	<b>Credits</b>
ENG 2225 <a href="#">Literary Interpretation</a>	5
ENG 2251 <a href="#">Eng Lit:Beginning Thru Milton</a>	5
ENG 2252 <a href="#">Eng Lit: Restoration-Victorian</a>	5
ENG 2253 <a href="#">Amer Lit:Beginnings to 1900</a>	5
ENG 4445 <a href="#">Shakespeare</a>	5
ENG 4899 <a href="#">Senior Capstone in English</a>	3
<b>SECTION CREDITS REQUIRED</b>	
<b>28</b>	
<b>Methods and Methodologies Core</b>	
<b>Course</b>	<b>Credits</b>
ENG 3180 <a href="#">Advanced Grammar</a> (3)	3
ENG 3150 <a href="#">The Sentence</a> (3)	3



ENG 3301	<a href="#">Advanced Expository Writing</a> (3)	
ENG 3310	<a href="#">Elements of Prosody</a> (3)	
ENG 3311	<a href="#">Elements of Narrative</a> (3)	
ENG 4601	<a href="#">History of English</a> (3)	
ENG 4685	<a href="#">History of Literary Theory</a> (5)	
<b>SECTION CREDITS REQUIRED</b>		<b>3</b>
<b>Advanced Literary Studies: pre-1800 courses</b>		
<b>Course</b>		<b>Credits</b>
ENG 3346	<a href="#">The Tudor Era</a> (5)	
ENG 3347	<a href="#">Lit: Enlightenment&amp;Revolution</a> (5)	
ENG 3430	<a href="#">Topics in Early English Lit</a> (5)	5
ENG 3442	<a href="#">Arthurian Literature</a> (5)	
ENG 4440	<a href="#">Geoffrey Chaucer</a> (5)	
ENG 4442	<a href="#">John Milton</a> (5)	
<b>SECTION CREDITS REQUIRED</b>		<b>5</b>
<b>Adv Lit Studies: min 5 creds 4000- &amp; max 5 creds 2000-level</b>		
<b>Course</b>		<b>Credits</b>
ENG 2221	<a href="#">Good Poems</a> (5)	
ENG 2223	<a href="#">Fantasy and Science Fiction</a> (5)	
ENG 2234	<a href="#">Literature by Women</a> (5)	
ENG 2248	<a href="#">New International Fiction</a> (5)	
ENG 3325	<a href="#">Film and Story</a> (5)	
ENG 3334	<a href="#">American Ethnic Literature</a> (5)	
ENG 3340	<a href="#">European Literature</a> (5)	
ENG 3346	<a href="#">The Tudor Era</a> (5)	
ENG 3347	<a href="#">Lit: Enlightenment&amp;Revolution</a> (5)	
ENG 3348	<a href="#">Romantic Poetry and Fiction</a> (5)	
ENG 3351	<a href="#">Victorian Literature</a> (5)	
ENG 3380	<a href="#">African Literature</a> (5)	
ENG 3381	<a href="#">Middle Eastern Literature</a> (5)	
ENG 3430	<a href="#">Topics in Early English Lit</a> (5)	
ENG 3442	<a href="#">Arthurian Literature</a> (5)	25
ENG 3530	<a href="#">Topics in British Literature</a> (5)	
ENG 3550	<a href="#">The Gothic</a> (5)	
ENG 3630	<a href="#">Topics in World Literature</a> (5)	
ENG 3730	<a href="#">Topics in American Literature</a> (5)	
ENG 3830	<a href="#">Topics in 20th Century Lit</a> (5)	
ENG 3840	<a href="#">Lewis and Tolkien</a> (5)	
ENG 3710	<a href="#">19th Century American Lit</a> (5)	
ENG 3715	<a href="#">20th Century American Lit</a> (5)	
ENG 4152	<a href="#">Modernist Literature</a> (5)	
ENG 4162	<a href="#">Postmodern Literature</a> (5)	
ENG 4440	<a href="#">Geoffrey Chaucer</a> (5)	
ENG 4442	<a href="#">John Milton</a> (5)	
ENG 4450	<a href="#">Emily Dickinson</a> (5)	
ENG 4449	<a href="#">Jane Austen</a> (5)	
ENG 4452	<a href="#">Major American Authors</a> (5)	

ENG 4455	<a href="#">Major British Authors</a> (5)	
ENG 4458	<a href="#">Major World Authors</a> (5)	
ENG 4822	<a href="#">The Novel</a> (5)	
ENG 4823	<a href="#">The Poem</a> (5)	
ENG 4824	<a href="#">The Short Story</a> (5)	
ENG 4825	<a href="#">The Essay</a> (5)	
ENG 4950	<a href="#">Special Topics</a> (3-5)	
<b>SECTION CREDITS REQUIRED</b>		<b>25</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>61</b>

**Additional Requirements:**  
Foreign Language is required for this major.  
See faculty advisor for details.

**ENGLISH CREATIVE WRITING MINOR**  
30 Credits Minimum, Including 15 Upper Division (UD)

<b>Minor Core Requirements</b>		
Course		Credits
ENG 2215	<a href="#">Imaginative Writing</a>	3
ENG 3150	<a href="#">The Sentence</a> (3)	
ENG 3180	<a href="#">Advanced Grammar</a> (3)	3
ENG 4601	<a href="#">History of English</a> (3)	
<b>SECTION CREDITS REQUIRED</b>		<b>9</b>
<b>Choose at least one genre group:</b>		
Course		Credits
ENG 3316	<a href="#">Workshop in Writing Poetry</a> (3)	
ENG 4316	<a href="#">Advanced Poetry Writing</a> (3)	6
OR		
ENG 3317	<a href="#">Workshop in Writing Fiction</a> (3)	
ENG 4317	<a href="#">Advanced Fiction Writing</a> (3)	6
OR		
ENG 3318	<a href="#">Creative Nonfiction</a> (3)	
ENG 4318	<a href="#">Advanced Creative Nonfiction</a> (3)	6
<b>SECTION CREDITS REQUIRED</b>		<b>6</b>
<b>Approved Electives (15-17 credits, including at least 3 UD)</b>		<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>30</b>

## ENGLISH PROFESSIONAL WRITING MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

<b>Minor Core Requirements (13-15 credits)</b>	
<b>Course</b>	<b>Credits</b>
ENG 3180 <a href="#">Advanced Grammar</a>	3
ENG 3205 <a href="#">Writing in the Professions</a>	3
ENG 3301 <a href="#">Advanced Expository Writing</a>	3
ENG 3318 <a href="#">Creative Nonfiction</a>	3
ENG 4940 <a href="#">Coop Ed:English Internship</a>	1-5
<b>SECTION CREDITS REQUIRED</b>	<b>13</b>
<b>Approved Electives (15-17 credits)</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

### COURSE DESCRIPTIONS:

[ENG 0102](#) | [ENG 1110](#) | [ENG 1220](#) | [ENG 2201](#) | [ENG 2215](#) | [ENG 2221](#) | [ENG 2223](#) | [ENG 2225](#) | [ENG 2234](#) | [ENG 2248](#) | [ENG 2251](#) | [ENG 2252](#) | [ENG 2253](#) | [ENG 3000](#) | [ENG 3001](#) | [ENG 3150](#) | [ENG 3180](#) | [ENG 3205](#) | [ENG 3208](#) | [ENG 3301](#) | [ENG 3310](#) | [ENG 3311](#) | [ENG 3316](#) | [ENG 3317](#) | [ENG 3318](#) | [ENG 3325](#) | [ENG 3334](#) | [ENG 3340](#) | [ENG 3346](#) | [ENG 3347](#) | [ENG 3348](#) | [ENG 3351](#) | [ENG 3380](#) | [ENG 3381](#) | [ENG 3382](#) | [ENG 3430](#) | [ENG 3442](#) | [ENG 3530](#) | [ENG 3550](#) | [ENG 3630](#) | [ENG 3710](#) | [ENG 3715](#) | [ENG 3730](#) | [ENG 3830](#) | [ENG 3840](#) | [ENG 4152](#) | [ENG 4162](#) | [ENG 4316](#) | [ENG 4317](#) | [ENG 4318](#) | [ENG 4440](#) | [ENG 4442](#) | [ENG 4445](#) | [ENG 4449](#) | [ENG 4450](#) | [ENG 4452](#) | [ENG 4455](#) | [ENG 4458](#) | [ENG 4601](#) | [ENG 4685](#) | [ENG 4822](#) | [ENG 4823](#) | [ENG 4824](#) | [ENG 4825](#) | [ENG 4899](#) | [ENG 4900](#) | [ENG 4930](#) | [ENG 4940](#) | [ENG 4941](#) | [ENG 4950](#) | [ENG 4953](#) | [ENG 4954](#) | [ENG 4970](#) | [VIEW ALL](#)

#### **ENG 0102: Writing Tutorial (2) [Offerings](#)**

Prerequisite: Score of two to three in Writing Placement. Supports work done in ENG 2201 through a series of conferences with the instructor. Students must be enrolled in the designated section of ENG 2201 to take this course but not in any other section. Credits for this course do not apply toward graduation.

#### **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: *Arts and Humanities B*

**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: *Arts and Humanities B*

**ENG 2201: Intermediate College Writing (3) [Offerings](#)**

Prerequisite: Score of two, three or four in Writing Placement. Improves upon elementary college-writing skills through readings, discussion, and the assignment of writing tasks typically found in college coursework. Tutorial sessions in the Writing Center may be required.

Attributes: *Writing Skills Competency*

**ENG 2215: Imaginative Writing (3) [Offerings](#)**

Prerequisites: ENG 2201 or score of five to six in Writing Placement. Fosters the vision and skills necessary for effective creative writing.

Attributes: *Writing Skills Competency*

**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: *Arts and Humanities B*

**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: *Arts and Humanities B*

**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: *Arts and Humanities B*

**ENG 2248: New 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: *Arts and Humanities B*

**ENG 2251: Eng Lit: Beginning Thru 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.

**ENG 2252: Eng Lit: Restoration-Victorian (5) [Offerings](#)**

Continues the survey of English literary history, from the Enlightenment through to the 20th Century. Authors include satirists such as Swift and Wilde, poets

such as Pope and Wordsworth, novelists such as Austen and Dickens.

**ENG 2253: Amer Lit: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.

**ENG 3000: British Isles Orientation (1) [Offerings](#)**

Introduces students to the literary and cultural landscape of the British Isles. Orients students to the academic work of the ensuing British Isles Quarter, and to the challenges and opportunities of traveling and studying in Britain. Addresses practical matters such as financial aid, British Isles Quarter itinerary, travel safety, and post-quarter travel. Graded pass/fail. Offered alternate years.

*[Attributes:](#) Upper-Division*

**ENG 3001: South Africa Studies Orientatn (3) [Offerings](#)**

Introduces students to the literary and cultural landscape of South Africa. Orients students to the academic work of the ensuing South Africa Study Program. Addresses cultural diversity and the challenges of cultural shock. Prepares students for practical matters such as itinerary, safety concerns, interpersonal and academic expectations, and preparations for service learning.

*[Attributes:](#) Upper-Division*

**ENG 3150: The Sentence (3) [Offerings](#)**

Prerequisites: ENG 2201 or a score of 5 or 6 in Writing placement. 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*

**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.

Attributes: *Upper-Division*

**ENG 3205: Writing in the Professions (3) [Offerings](#)**

Prerequisite: ENG 2201 or score of five to six in Writing Placement. 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, Writing "W" Course, Writing Skills Competency*

**ENG 3208: Professional & Bus Writing-M (5) [Offerings](#)**

Prerequisite: Writing course or score of 5-6 on English Placement Test. Reviews basic written-communication skills and strategies before moving on to practice in fundamentals of professional communication: professional correspondence, business reports, proposals, oral presentations. Emphasis is placed on persuasion, ethics and the impact of digital technologies on business communication. May not be taken for credit if ENG 3207 Business Writing has previously been taken. Offered only by Media.

Attributes: *Media, Upper-Division, Writing "W" Course*

**ENG 3301: Advanced Expository Writing (3) [Offerings](#)**

Prerequisite: ENG 2201 or score of five to six in Writing Placement. 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: *Upper-Division, Writing "W" Course, Writing Skills Competency*

**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.

Attributes: *Upper-Division*

**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.

Attributes: *Upper-Division*

**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](#)**

Prerequisite: ENG 2215 or permission of instructor. 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*

**ENG 3318: Creative Nonfiction (3) [Offerings](#)**

Prerequisite: ENG 2201 or score of 5-6 in Writing Placement. 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, Writing Skills Competency*

**ENG 3325: Film and Story (5) [Offerings](#)**

Prerequisite: ENG 2201 or a score of 5-6 in Writing Placement. 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.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman students are excluded.*

**ENG 3334: American 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: *Arts and Humanities B, Upper-Division*

**ENG 3340: European Literature (5) [Offerings](#)**

Prerequisite: ENG 2201 or score of 5 or 6 in Writing placement. Explores the great literary works of Europe in both contemporary and historical contexts, including those written in English and in translation.

Attributes: *Upper-Division, Writing "W" Course*

**ENG 3346: The Tudor Era (5) [Offerings](#)**

Prerequisite: ENG 2201 or a score of 5-6 in Writing placement. 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.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman students are excluded.*

**ENG 3347: Lit: Enlightenment&Revolution (5) [Offerings](#)**

Prerequisite: ENG 2201 or a score of 5-6 in Writing placement. 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.

*Attributes:* Upper-Division, Writing "W" Course *Restrictions:* Freshman students are excluded.

**ENG 3348: Romantic Poetry and Fiction (5) [Offerings](#)**

Prerequisite: ENG 2201 or a score of 5-6 in Writing placement. Studies selected works of such British Romantic writers, including Blake, Wordsworth, Coleridge, Byron, Keats, and the Shelleys.

*Attributes:* Upper-Division, Writing "W" Course *Restrictions:* Freshman students are excluded.

**ENG 3351: Victorian Literature (5) [Offerings](#)**

Prerequisite: ENG 2201 or a score of 5-6 in Writing placement. Studies selected works from the age of Queen Victoria in Britain, including such authors as Dickens, the Brontes, G. Eliot, and Wilde.

*Attributes:* Upper-Division, Writing "W" Course *Restrictions:* Freshman students are excluded.

**ENG 3380: African Literature (5) [Offerings](#)**

Prerequisite: ENG 2201 or a score of 5-6 in Writing Placement. 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.

*Attributes:* Upper-Division, Writing "W" Course *Restrictions:* Freshman students are excluded.

**ENG 3381: Middle Eastern Literature (5) [Offerings](#)**

Prerequisite: ENG 2201 or a score of 5-6 in Writing Placement. 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.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman students are excluded.*

**ENG 3382: South African Lit & Theater (5) Offerings**

Introduces students to the literature and culture of South Africa during study abroad tour. Examines the work of a variety of authors and playwrights. Requires original research based on viewing performances in South Africa.

Attributes: *Arts and Humanities B, Upper-Division*

**ENG 3430: Topics in Early English Lit (5) Offerings**

Prerequisite: ENG 2201 or a score of 5-6 in Writing placement. Examines early English literature through a focused and in-depth topical lens, helping students understand key literary works and ideas with greater depth and complexity. (See English department website for a detailed description of this year's course specifics.)

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman students are excluded.*

**ENG 3442: Arthurian Literature (5) Offerings**

Prerequisite: ENG 2201 or a score of 5-6 in Writing placement. Examines the legend of King Arthur and his knights from its ancient origins through to modern-day re-tellings in novel and film. Examines the story's long history and celebrates its malleability - from courtly love through Christian epic.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman students are excluded.*

**ENG 3530: Topics in British Literature (5) Offerings**

Examines British literature through a focused and in-depth lens using interdisciplinary topics to help students understand literary works with sophistication and complexity. (See English department website for a detailed description of this year's course specifics.)

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman students are*

excluded.

**ENG 3550: The Gothic (5) [Offerings](#)**

Prerequisites: ENG 2201 or a score of 5-6 in Writing placement. Examines the idea of "gothic" from its 18th-century roots through to its continued prevalence in popular culture. Explores themes such as the emotional and intellectual purposes of horror and the grotesque, conflicts between scientific rationalism and the uncanny, as well as issues surrounding religious belief and the nature of evil.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman students are excluded.*

**ENG 3630: Topics in World Literature (5) [Offerings](#)**

Prerequisites: ENG 2201 or a score of 5-6 in Writing placement. Examines world literature through a focused and in-depth topical lens helping students understand key literary works and ideas with greater depth and complexity. (See English department website for a detailed description of this year's course specifics.)

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman students are excluded.*

**ENG 3710: 19th Century American Lit (5) [Offerings](#)**

Prerequisite: ENG 2201 or a score of 5-6 in Writing placement. 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.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman students are excluded.*

**ENG 3715: 20th Century American Lit (5) [Offerings](#)**

Prerequisite: ENG 2201 or a score of 5-6 in Writing placement. 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.

Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman students are excluded.

**ENG 3730: Topics in American Literature (5) [Offerings](#)**

Prerequisite: ENG 2201 or a score of 5-6 in Writing placement. Examines American literature through a focused and in-depth topical lens helping students understand key literary works and ideas with greater depth and complexity. (See English department website for a detailed description of this year's course specifics.)

Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman students are excluded.

**ENG 3830: Topics in 20th Century Lit (5) [Offerings](#)**

Prerequisite: ENG 2201 or a score of 5-6 in Writing placement. Examines 20th century literature through a focused and in-depth topical lens, helping students understand key literary works and ideas with greater depth and complexity. (See English department website for a detailed description of this year's course specifics.)

Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman students are excluded.

**ENG 3840: Lewis and Tolkien (5) [Offerings](#)**

Prerequisite: ENG 2201 or a score of 5-6 in Writing placement. 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.

Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman students are excluded.

**ENG 4152: Modernist Literature (5) [Offerings](#)**

Prerequisites: ENG 2252 or 2253, or permission of instructor. 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.

Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman, Sophomore students are excluded.

**ENG 4162: Postmodern Literature (5) [Offerings](#)**

Prerequisite: ENG 2252 or 2253, or permission of instructor. 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.)

Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman, Sophomore students are excluded.

**ENG 4316: Advanced Poetry Writing (3) [Offerings](#)**

Prerequisite: ENG 3316. 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. Offered alternate years.

Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**ENG 4317: Advanced Fiction Writing (3) [Offerings](#)**

Prerequisite: ENG 3317. 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.

Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**ENG 4318: Advanced Creative Nonfiction (3) [Offerings](#)**

Prerequisite: ENG 3318. 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. Offered alternate years.

Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**ENG 4440: Geoffrey Chaucer (5) [Offerings](#)**

Prerequisite: ENG 2251 or permission of instructor. 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.*

**ENG 4442: John Milton (5) [Offerings](#)**

Prerequisite: ENG 2251 or permission of instructor. 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.*

**ENG 4445: Shakespeare (5) [Offerings](#)**

Prerequisite: ENG 2251 or permission of instructor. 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.*

**ENG 4449: Jane Austen (5) [Offerings](#)**

Prerequisite: ENG 2252 or permission of instructor. 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.*

**ENG 4450: Emily Dickinson (5) [Offerings](#)**

Prerequisite: ENG 2253 or permission of instructor. 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.

**ENG 4452: Major American Authors (5) [Offerings](#)**

Prerequisite: ENG 2253 or permission of instructor. An in-depth study of a major American author whose works have achieved centrality in the literary canon. (See English department website for a detailed description of this year's course specifics.)

Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman students are excluded.

**ENG 4455: Major British Authors (5) [Offerings](#)**

Prerequisite: ENG 2251 or 2252, or permission of instructor. An in-depth study of a major British author whose works have achieved centrality in the literary canon. (See English department website for a detailed description of this year's course specifics.)

Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman students are excluded.

**ENG 4458: Major World Authors (5) [Offerings](#)**

Prerequisite: ENG 2225, or permission of instructor. An in-depth study of a major world author whose works have achieved centrality in the literary canon. (See English department website for a detailed description of this year's course specifics.)

Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman students are excluded.

**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. Offered alternate years.

Cross-listed Courses: LIN 4601 Attributes: Upper-Division



**ENG 4685: History of Literary Theory (5) [Offerings](#)**

Prerequisite: ENG 2225 or permission of instructor. 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. Offered alternate years.

*Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.*

**ENG 4822: The Novel (5) [Offerings](#)**

Prerequisite: ENG 2225, or permission of instructor. Examines the novel form in its historical varieties and contexts, including a close attention to the relationship between theory, craft, and meaning.

*Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman, Sophomore students are excluded.*

**ENG 4823: The Poem (5) [Offerings](#)**

Prerequisite: ENG 2225, or permission of instructor. Examines the poetic form in its historical varieties and contexts, including a close attention to the relationship between theory, craft and meaning.

*Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman, Sophomore students are excluded.*

**ENG 4824: The Short Story (5) [Offerings](#)**

Prerequisite: ENG 2225, or permission of instructor. 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.

*Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman, Sophomore students are excluded.*

**ENG 4825: The Essay (5) [Offerings](#)**

Prerequisite: ENG 2225, or permission of instructor. Examines the essay form in all its historical varieties and contexts, including a close attention to the central

relationship between theory, craft and meaning.

Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman, Sophomore students are excluded.

**ENG 4899: Senior Capstone in English (3) Offerings**

Provides senior English majors with an opportunity to gather their thoughts on faith and literature, to explore their vocations, and to evaluate their educational experiences at SPU.

Attributes: Upper-Division, Writing "W" Course Restrictions: English Majors only. Senior students only.

**ENG 4900: Independent Study (1-5) Offerings**

**ENG 4900: Intro to Creative Writing-IS (1-5) Offerings**

**ENG 4900: Literary Rprtage&Ntre Wrtnng-IS (1-5) Offerings**

**ENG 4900: Narrtve Cohernce in NonFctn-IS (1-5) Offerings**

**ENG 4900: Personal Essay- IS (1-5) Offerings**

**ENG 4900: Rdngs for Graduate School-IS (1-5) Offerings**

Independent Study May be repeated for credit up to 15 credits.

Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**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 Ed: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 Ed: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 (3-5) [Offerings](#)**

**ENG 4950: Topics: Sacred Landscapes (3-5) [Offerings](#)**

Topics will vary. May be repeated for credit up to 5 credits.

Attributes: Upper-Division, Writing "W" Course

**ENG 4953: Writing Workshop:Special Topics (1-5) [Offerings](#)**

Offers an intensive writing experience in a small workshop setting. Genres, themes, and locations vary. May be repeated for credit up to 10 credits.

Attributes: Upper-Division, Writing "W" Course

**ENG 4954: Top:The Eternal City Art/Lit (5) [Offerings](#)**

Offers advanced study of special topics in literature written in English while

participating in SPU study abroad programs. Genres, themes, and locations vary.

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. Senior students only.*

## PHYSICAL EDUCATION AND EXERCISE SCIENCE

Royal Brougham Pavilion  
206-281-2081  
[spu.edu/depts/pe](http://spu.edu/depts/pe)

**FACULTY:** [JoAnn Atwell-Scrivner](#), [Dale Cannavan](#), [Bud Turner](#)

### Mission

The faculty and staff in the Department of Physical Education and Exercise Science are committed to delivering programs that promote health through physical activity while valuing and examining physical activity through a Christian worldview. A primary goal of the Physical Education and Exercise Science Department is to promote healthy lifestyles through good decision-making, improved fitness, and lifetime movement skills.

### Career Opportunities

- **Physical education majors** proceed through a sequential, comprehensive curriculum that prepares them to enter a variety of movement-related professions, including teaching, fitness training, and recreational leadership.
- **Exercise science majors** often pursue such diverse fields as physical therapy, occupational therapy medical school, sport medicine, corporate fitness, and cardiac rehabilitation.

### Admission and GPA Requirement

- In order to apply for a major or minor in physical education or exercise science, students must have a minimum 2.5 GPA in at least 9 credits taken at SPU that apply to the major or minor.
- A student must complete major or minor requirements in effect when the student is admitted to the major or minor.
- All physical education and exercise science majors are required to complete the 36 credits of core courses. Each of the majors has 36 additional required credits for the specific majors for a total of 72 credits. Within the 36 additional credits, the exercise science major contains 7 elective credits and the physical education major has 9 elective credits.
- Both majors require the same capstone course (PE 4899), which requires students to research a topic, write a well-documented paper, and present it before a group of their professors and peers.
- There are minors offered in physical education and exercise science, each requiring 36 credits.

### Requirements for the Majors

#### [Requirements for the Physical Education Major](#)

*Note: For teacher certification, refer to the [School of Education](#) for admission requirements and details.*

#### [Requirements for the Exercise Science Major](#)

### Requirements for the Minors

#### [Requirements for the Physical Education Minor](#)

#### [Requirements for the Exercise Science Minor](#)

## Lifetime Activities Program

[Lifetime activities classes](#) provide an opportunity for the student to experience diverse physical activity options. The Department of Physical Education and Exercise Science offers a wide spectrum of activity classes in which basic skills can be learned and refined to the point of independent participation.

## Integrated Studies Major with a concentration in Health and Fitness (For students seeking K-8 certification)

Students who are planning to obtain elementary school certification and are interested in health and fitness must major in the [Integrated Studies major](#) with a concentration in Health and Fitness.

- The concentration consists of courses in nutrition, health, and physical education.
- [Application \(PDF\)](#) to this major is through the advisor for the health and fitness concentration, Dr. Sharon Young ([syoung@spu.edu](mailto:syoung@spu.edu)).
- Further information on the [elementary certification program](#) is available in the [School of Education](#) section of the *Undergraduate Catalog*.
- [Requirements for Integrated Studies: Health and Fitness concentration](#)
- [Requirements for Elementary Certification](#)

## Requirements for Health and Fitness Endorsement

Students seeking to obtain a Washington state teaching endorsement in health and fitness must complete a minimum of 45 credits in physical education to obtain their original/first endorsement or a minimum of 24 credits in physical education to obtain a supporting/ second endorsement.

See [Certification Requirements](#) in School of Education for more information. Advisor Dr. JoAnn Atwell-Scrivner can be contacted at [jaas@spu.edu](mailto:jaas@spu.edu) or 206-281-2941.

## EXERCISE SCIENCE MAJOR

72 Credits Minimum, Including 41 Upper Division (UD)

### [Suggested Course Sequence](#)

General Core	
Course	Credits
BIO 2129 <a href="#">Human Anatomy &amp; Physiology</a> (5)	10
BIO 2130 <a href="#">Human Anatomy &amp; Physiology</a> (5)	
PES 1301 <a href="#">Wellness and Physical Activity</a>	3
PES 2195 <a href="#">Philosophy&amp;Resrch in Hlth/Phys</a>	5
PES 3560 <a href="#">Psy Aspects of Health/Phys Act</a>	3
PES 3570 <a href="#">Biomechanics</a>	5
PES 3580 <a href="#">Exercise Physiology</a>	5
PES 4899 <a href="#">Contemptry Iss Health&amp;Phys Actv</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>36</b>

### Requirements for the Exercise Science Major

Course	Credits
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CHM 1211	<u>General Chemistry I</u>	5
CHM 1330	<u>Organic &amp; Biological Chemistry</u>	5
FCS 3340	<u>Human Nutrition</u>	5
FCS 4310	<u>Sports and Exercise Nutrition</u>	3
PES 4585	<u>Applied Exercise Science</u>	5
PES 4930	<u>Exercise Science Practicum</u>	1-5
PES 4940	<u>Internship</u>	5
<b>SECTION CREDITS REQUIRED</b>		<b>29</b>
<b>Exercise Science Electives</b>		
Course		Credits
PES 2550	<u>Responding to Emergencies</u> (3)	
PES 2613	<u>Tchg Alternatv Games&amp;Assesmnts</u> (2)	
PES 2617	<u>Teaching Health and Fitness</u> (2)	
PES 3545	<u>Programs for Special Populatns</u> (3)	
PES 3575	<u>Motor Learning &amp; Development</u> (4)	
PES 3590	<u>Sport Injury Management</u> (4)	7
PES 4555	<u>Community Health Promotion</u> (3)	
PES 4595	<u>Admin of Progrms:Hlth&amp;Phys Act</u> (5)	
PES 4900	<u>Independent Study</u> (1-5)	
PES 4930	<u>Exercise Science Practicum</u> (1-5)	
PES 4940	<u>Internship</u> (1-15)	
<b>SECTION CREDITS REQUIRED</b>		<b>7</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>72</b>

### EXERCISE SCIENCE MINOR

36 Credits Minimum, Including 15 Upper Division (UD)

#### Exercise Science Minor Course Requirements

Course		Credits
BIO 2129	<u>Human Anatomy &amp; Physiology</u> (5)	
BIO 2130	<u>Human Anatomy &amp; Physiology</u> (5)	10
PES 1301	<u>Wellness and Physical Activity</u>	3
PES 2195	<u>Philosophy&amp;Resrch in Hlth/Phys</u>	5
PES 3560	<u>Psy Aspects of Health/Phys Act</u>	3
PES 3570	<u>Biomechanics</u>	5
PES 3580	<u>Exercise Physiology</u>	5
PES 4585	<u>Applied Exercise Science</u>	5

<b>SECTION CREDITS REQUIRED</b>	<b>36</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>36</b>

**COURSE DESCRIPTIONS:**

[PES 1100](#) | [PES 1108](#) | [PES 1109](#) | [PES 1110](#) | [PES 1115](#) | [PES 1116](#) | [PES 1117](#) | [PES 1120](#) | [PES 1125](#) | [PES 1130](#) | [PES 1135](#) | [PES 1145](#) | [PES 1150](#) | [PES 1155](#) | [PES 1160](#) | [PES 1165](#) | [PES 1166](#) | [PES 1167](#) | [PES 1175](#) | [PES 1180](#) | [PES 1185](#) | [PES 1190](#) | [PES 1195](#) | [PES 1199](#) | [PES 1200](#) | [PES 1301](#) | [PES 1455](#) | [PES 1456](#) | [PES 1460](#) | [PES 1465](#) | [PES 1470](#) | [PES 1471](#) | [PES 1475](#) | [PES 1476](#) | [PES 1480](#) | [PES 1481](#) | [PES 1495](#) | [PES 2185](#) | [PES 2195](#) | [PES 2550](#) | [PES 2613](#) | [PES 2614](#) | [PES 2615](#) | [PES 2616](#) | [PES 2617](#) | [PES 3510](#) | [PES 3515](#) | [PES 3545](#) | [PES 3555](#) | [PES 3560](#) | [PES 3570](#) | [PES 3575](#) | [PES 3580](#) | [PES 3590](#) | [PES 3600](#) | [PES 4555](#) | [PES 4575](#) | [PES 4585](#) | [PES 4590](#) | [PES 4595](#) | [PES 4899](#) | [PES 4900](#) | [PES 4930](#) | [PES 4931](#) | [PES 4940](#) | [PES 4950](#) | [PES 4960](#) | [VIEW ALL](#)

**PES 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.

**PES 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.

**PES 1109: Weight Training (2) [Offerings](#)**

Covers the scientific principles of weight training, exercise selection, safety, fundamental techniques in lifting machine and free weights, program design variables, workout monitoring and personal orientations required for independent weight training. Students will need an active SPU e-mail account for this course, as initial instructions will be sent to students through that account and scheduled workout reporting must be submitted to faculty through that account.

**PES 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. Extra fee.

**PES 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.

**PES 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.

**PES 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.

**PES 1120: Hiking (2) [Offerings](#)**

During the first six Saturdays in the Fall students will experience Northwest trails and beauty spots on one-day wilderness treks along beaches, forests or mountain trails. Extra fee.

**PES 1125: Snowshoeing or Cross-Cntry Ski (2) [Offerings](#)**

Introduces students to snowshoeing or cross-country skiing as lifetime activities, and provides students with knowledge and skills to safely enjoy these sports. Extra Fee.

**PES 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.

**PES 1135: Rowing (2) [Offerings](#)**

Introduces students to basic rowing techniques, skills, equipment and conditioning for continued involvement in recreational, fitness or competitive rowing. Extra fee.

**PES 1145: Canoeing & Kayaking (2) [Offerings](#)**

Introduces students to canoeing and kayaking as leisure activities. Emphasis is given to practicing skills on flat water. Extra fee.

**PES 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. Extra fee.

**PES 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. Extra fee.

**PES 1160: Conditioning (2) [Offerings](#)**

Covers the scientific principles of cardiovascular conditioning, exercise selection, safety, program design variables, workout monitoring and personal orientations required for independent fitness training. Students need an active SPU e-mail account for this course, as initial instructions will be sent to students through that account and scheduled workout reporting must be submitted to faculty through that account.

**PES 1165: Introduction to Dance (2) [Offerings](#)**

Introduces students to basic techniques and rhythms of one of several dance

styles including aerobics, jazz, hip-hop, folk, ballet, improvisational and creative dance.

**PES 1166: Dance Techniques:Modern & Jazz (2) [Offerings](#)**

Introduces students to techniques and rhythms of Modern dance and Jazz.

**PES 1167: Social Dance Techniques: Men (2) [Offerings](#)**

**PES 1167: Social Dance Techniques: Women (2) [Offerings](#)**

Introduces students to current social dance techniques such as ballroom, swing and Latin dance.

**PES 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.

**PES 1180: Golf (2) [Offerings](#)**

Introduces students to the fundamental skills, techniques and rules of golf for enjoyment as a recreational sport. Extra fee.

**PES 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.

**PES 1190: Tennis (2) [Offerings](#)**

Introduces students to the fundamental skills, game strategies, rules and personal orientations required for playing tennis at a beginning level.

**PES 1195: Scuba (2) [Offerings](#)**

Introduces students to skin and scuba diving as leisure activities. Involves the classroom, pool and open-water training required for skin or scuba diving certification. Extra fee.

**PES 1199: Leadership Camp (2) [Offerings](#)**

Provides personal growth and self-discovery through a multi-day wilderness experience before the beginning of Autumn Quarter. Extra fee.

**PES 1200: Softball (2) [Offerings](#)**

Introduces students to softball as a leisure activity and provides students with knowledge and skills to safely and enjoyably participate in both versions of slow pitch and fast pitch.

**PES 1301: Wellness and Physical Activity (3) [Offerings](#)**

**PES 1301: Wellnss/Phys Actvty:Wilderness (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 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 will be offered prior to the start of Autumn Quarter.

**PES 1455: Men's Basketball (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1456: Women's Basketball (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1460: Women's Gymnastics (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1465: Cross Country (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1470: Men's Soccer (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1471: Women's Soccer (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1475: Track & Field (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1476: Indoor Track (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1480: Men's Crew (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1481: Women's Crew (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

times.

**PES 1495: Women's Volleyball (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 2185: Health & 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.

**PES 2195: Philosophy&Resrch in Hlth/Phys (5) [Offerings](#)**

This course focuses on the philosophy and research of how exercise, fitness, play, games and sport evolved in American culture. Using several interpretive frameworks, the course explores topics such as the mind/body relationship, family and peer influences, and the impact of gender, race, religion, subcultures, social movements, urbanization, technology and socioeconomics on the way contemporary society views health and participates in physical activity. Students are also introduced to current research methods in the field of health and physical activity.

Attributes: *Writing "W" Course*

**PES 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. Extra fee.

Restrictions: *Freshman students are excluded.*

**PES 2613: Tchg Alternatv Games&Assesmnts (2) [Offerings](#)**

Covers a variety of alternative activities and success-oriented instructional strategies for non-traditional games and sports played throughout the world. A variety of appropriate assessments will also be included.

**PES 2614: Teaching Team Sports (2) [Offerings](#)**

Covers the fundamental skills, basic rules, terminology, assessments, and teaching techniques necessary to plan and deliver effective instruction in selected team sports such as softball, basketball, football (American and Australian rules), soccer, team handball, volleyball, and selected global sports.

**PES 2615: Teaching Leisure Activities (2) [Offerings](#)**

Covers the fundamental skills, basic rules, terminology, assessments, and teaching techniques necessary to plan and deliver effective instruction in selected leisure activities such as archery, bowling, badminton, disc sports, rope skipping, dance, roller skating, pickleball, racquetball and table tennis.

**PES 2616: Teaching Individual Sports (2) [Offerings](#)**

Covers the fundamental skills, basic rules, terminology, assessments, and teaching techniques necessary to plan and deliver effective instruction in selected individual sports such as golf, gymnastics, tennis, track and field, etc.

**PES 2617: Teaching Health and Fitness (2) [Offerings](#)**

Covers the fundamental skills, scientific guidelines, terminology and teaching techniques necessary to plan and deliver effective instruction in activities designed for health and fitness such as aerobic dance, bicycling, inline and roller skating, running, walking, and the use of standard fitness equipment including cycling and rowing ergometers, pedometers, exercise balls, a stair climber, an elliptical trainer, and free and machine weights. Work will also center around the State Health and Physical Education tests. Extra fee.

**PES 3510: Teaching Physical Education (5) [Offerings](#)**

Prerequisites: PES 1301 and 2195, or PHY 2567, or instructor permission. Explores physical education curriculum, activities and teaching strategies for elementary, middle school and high school students. Content includes lesson and unit design, effective teaching models for fitness and sport skill development, and classroom management that promotes cooperation and

safety. Course provides a controlled and supervised micro-teaching experience.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**PES 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.*

**PES 3545: Programs for Special Populations (3) Offerings**

Studies disabilities and how physical education and other recreation activities can be matched with disabled and elderly people's need for participation and/or correction.

Attributes: *Upper-Division* Restrictions: *Exercise Science, Physical Education Majors only. Freshman, Sophomore students are excluded.*

**PES 3555: Methods of Teaching Health (5) Offerings**

Prerequisites: PES 1301 and 2195. 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.*

**PES 3560: Psy Aspects of Health/Phys Act (3) Offerings**

Prerequisites: PES 1301, 2195. This course explores the psychological attributes necessary for sustained and successful implementation of a healthy and physically active lifestyle. Positive performance enhancers such as drive, commitment, confidence, focus, perseverance, intuition and trust will be examined as well as the implications of performance inhibitors such as anxiety,



delusion, excessive ambition and aggression. Students become familiar with important motivation and intervention strategies such as psyching and relaxation, imagery and visualization, goal setting and causal attribution that lead to a fully functioning self system. The course incorporates significant use of narrative fiction and nonfiction books and film to illustrate the content.

Attributes: Upper-Division, Writing "W" Course Restrictions: Exercise Science, Physical Education Majors only. Freshman, Sophomore students are excluded.

**PES 3570: Biomechanics (5) Offerings**

Prerequisite: BIO 2129 or permission of instructor; PES 1301 is highly recommended. Course provides information regarding the structure and function of the musculoskeletal systems and is divided into three sections. Section one reviews functional anatomy including shoulder, elbow, hip, knee and spine. Section two examines the basic principles of motion through discussion and laboratory experiment with such topics as nature of forces, Newton's laws, ground and fluid forces, work, power, energy, torque, levers and center of gravity. Section three offers analyses of selected activities including weight training, running, cycling, swimming. Lab session required.

Cross-listed Courses: PE 5570 Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**PES 3575: Motor Learning & Development (4) Offerings**

Prerequisites: PES 1301 and 2195, or permission of instructor. Explores theories and constructs relevant to the acquisition and performance of movement skills. After reviewing nervous system structure, 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. Students will visit a host school once a week and film students on specified locomotor and/or sport skills.

Attributes: Upper-Division Restrictions: Freshman students are excluded.

**PES 3580: Exercise Physiology (5) Offerings**

**PES 3580: Exercise Physiology-Lab (0) Offerings**

Prerequisite: BIO 2130 and PES 1301 or permission of instructor. Gives description and explanation of physiological responses and adaptations to exercise, emphasizing improvement of athletic performance and understanding the mechanisms whereby exercise may enhance health. Course includes

laboratory.

Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**PES 3590: Sport Injury Management (4) [Offerings](#)**

Prerequisite: BIO 2129. 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.

**PES 3600: Physical Education Tchng Lab (1) [Offerings](#)**

Prerequisite: PES 3510 or 3515. Course provides a controlled and supervised micro-teaching experience. Emphasis is on lesson design, classroom management and various methods of teaching. May be repeated for credit 3 times.

Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**PES 4555: Community Health Promotion (3) [Offerings](#)**

Prerequisites: PES 1301 and 2195. 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

**PES 4575: Coaching and Training Seminar (4) [Offerings](#)**

Prerequisites: PES 1301, 2195, 3570 and 3580. Reviews and integrates the scientific principles of musculoskeletal and cardiovascular training and presents

an overview of nutritional planning for sport performance. The course offers a laboratory experience for designing fundamental training paradigms and effective coaching strategies that enhance athleticism, sport-specific conditioning, and positional expertise and skill in sports.

Attributes: *Upper-Division* Restrictions: *Senior students only.*

**PES 4585: Applied Exercise Science (5) [Offerings](#)**

Prerequisites: PES 3570, 3580. Explores internship and employment opportunities in exercise science, examines the relationships between and the determinants of physical activity and public health, and develops skills in fitness testing and exercise prescription for health and human performance.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**PES 4590: Advanced Athletic Training Tec (3) [Offerings](#)**

Prerequisites: BIO 2129, 2130 and PES 3590. 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.*

**PES 4595: Admin of Progrms:Hlth&Phys Act (5) [Offerings](#)**

Offers information and experiences related to organizing and administering sport and exercise programs in both public and private sectors. The course is divided into three sections. Section one presents a business model including leadership, business plans, strategic planning, communication, team building, decision making, conflict management, change, policies and procedures, technology, time and stress management. Section two explores practical applications related to sport and exercise including managing programs, facilities, personnel, finances and marketing. Section three addresses the legal issues that govern sport and exercise including constitutional, contract and tort law. This course also serves as a resource for required senior colloquium.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman, Junior,*

*Sophomore students are excluded.*

**PES 4899: Contempory Iss Health&Phys Actv (1-2) [Offerings](#)**

This PES 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, Physical Education Majors only. Senior students only.*

**PES 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, Physical Education, Student-Designed Majors only. Freshman, Sophomore students are excluded.*

**PES 4930: Exercise Science Practicum (1-5) [Offerings](#)**

Prerequisites: PES 3570, 3580. 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*

**PES 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*

**PES 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, Physical Education, Student-Designed Majors only. Freshman, Sophomore students are excluded.*

**PES 4950: Special Topics (1-5) Offerings**

Special courses offered upon demand and/or department's discretion. May be repeated for credit up to 5 credits.

Attributes: *Upper-Division* Restrictions: *Physical Education Majors only. Freshman, Sophomore students are excluded.*

**PES 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, Physical Education, Recreation & Sports Management Majors only. Junior, Senior students only.*

## GENERAL STUDIES

The general studies major is available to students in good academic standing who have a cumulative college GPA of 2.5.

- 75 credits selected from three disciplines related to the student's degree objectives are required for the major.
- Students must work with faculty in the three academic disciplines to complete the major application, which is available in [Student Academic Services](#)
- A statement of rationale and a major contract are required and must be submitted 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.
- A minimum of 35 credits must be upper-division. No grade below a C- will apply to the major.

For more information, contact undergraduate academic counseling in Student Academic Services at 206-281-2021.

## COURSE DESCRIPTIONS:

[GS 1000](#) | [GS 1001](#) | [GS 2001](#) | [GS 2003](#) | [GS 2306](#) | [GS 3001](#) | [GS 3418](#) | [GS 3419](#) | [GS 3930](#) | [GS 4900](#) | [GS 4930](#) | [VIEW ALL](#)

### **GS 1000: Foundation for College Success (1-2) [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.

**Restrictions:** *Freshman students only.*

### **GS 1001: Success Skills for College (2) [Offerings](#)**

Assists students as they develop and expand their understanding and use of time management, note-taking, textbook reading, and exam strategies in order to increase their academic performance in the university setting. Information is included on how to utilize personal learning styles and strengths.

### **GS 2001: Major and Career Exploration (2) [Offerings](#)**

Choosing a major can be stressful and confusing. This class will help you focus

on who you are (your gifts and talents) and where you want to be (dreams and calling). Clarify your skills and strengths and create a working resume. Explore career interests with online resources and informational interviews. Consider experiences that will enhance your learning such as job shadows, campus activities and internships. Leave with new ideas, tools, and a plan for further exploration and discovery.

Restrictions: *Senior students are excluded.*

**GS 2003: Effective Academic Readg Strtg (3) [Offerings](#)**

The course presents strategies that make it possible to read complex material faster and more effectively. Approaches to academic reading that increase comprehension, strengthen critical thinking, impact memory, improve reading rate, and establish effective reading habits are introduced with opportunity to apply them to work in other classes.

**GS 2306: Tutoring (1) [Offerings](#)**

Tutoring May be repeated for credit 2 times.

**GS 3001: College to Career Planning (1) [Offerings](#)**

Graduation is just around the corner ¿ what¿s next? This class will help you focus on exploring your options, clarifying your goals and marketing yourself successfully. Learn to network, write a powerful resume and cover letter, search for a job or internship, and prepare for interviews. Finish the class feeling more confident about your skills for vocational discernment and lifelong career development.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**GS 3418: Student Leadership & Service I (2) [Offerings](#)**

Offers sessions where peer advisors experience training as well as small-group sessions for instruction specific to their leadership position. Course content will include practical information and skills to address issues such as peer counseling, conflict mediation, crisis intervention, program management, developmental transitions, principles of leadership, and other important challenges facing residential students. May be repeated for credit 3 times.

Attributes: *Upper-Division*

**GS 3419: Student Leadership/Servc II PA (1) [Offerings](#)**

Prerequisite: GS 3418. Offers sessions where peer advisors experience advanced training as well as small-group sessions for instruction specific to their leadership position. Course content will include practical information and skills to address issues such as peer counseling, conflict mediation, crisis intervention, program management, developmental transitions, and other important challenges facing residential students. May be repeated for credit 3 times.

Attributes: *Upper-Division*

**GS 3930: Practicum (1-5) [Offerings](#)**

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 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: *Freshman students are excluded.*

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## POLITICAL SCIENCE AND GEOGRAPHY

Alexander Hall  
206-281-2395  
[spu.edu/depts/polisci](http://spu.edu/depts/polisci)

**FACULTY:** [Kathleen Braden](#), [Reed Davis](#), [Katya Drozdova](#), [Ruth Ediger](#), [Caleb Henry](#)  
[Kathleen Braden, Reed Davis, Katya Drozdova, Ruth Ediger, and Caleb Henry](#)

Seattle Pacific's political science program equips students to become leaders and citizens who influence politics and public policy informed by Christian faith and tradition. Political science majors at SPU 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, political science majors at SPU receive broad training in political philosophy, government, law, public policy, geopolitics, international relations, and the political behavior of individuals and groups. In addition, majors are provided with peer support and co-curricular activities through the SPU [Political Union](#), a nonpartisan student group.

Study of political science is especially useful for careers in law, public administration, government service, international affairs, journalism, teaching, and several fields of business. Dual majors or complementary minors are encouraged. Minors offered by the department include political science, geopolitics, and leadership studies.

[Special study programs](#) in Washington, D.C., and elsewhere further enrich students' academic experience. For more information about these special study programs, contact Professor Reed Davis ([rdavis@spu.edu](mailto:rdavis@spu.edu)).

### Faith and Politics Component

Political science majors at SPU are asked to integrate their understanding of the political world with the Christian faith. To facilitate this, the department offers several courses that focus on the intersection between faith and public life:

- POL 2641 Christianity and American Politics, which studies the history of Christian involvement in politics from America's founding to today.
- POL 2642 Christianity and World Politics, which looks at broader global areas and issues.
- POL 2900 Foundations for Leadership, which examines the implications of the Christian faith for leadership.
- POL 3410 Moral Foundations of Democracy, which explores the moral and spiritual roots of representative democracy.
- POL 4899 Political Science Capstone Seminar, which challenges students to reflect on the relationship between faith and politics in light of their entire collegiate experience and is required of all political science majors.

### SPECIAL PROGRAMS

#### Political Science Internships

Political science majors at SPU are strongly encouraged to gain real-world experience through

internships, and faculty in the department work with students to arrange internships appropriate to their career interests.

Internships are arranged with a wide variety of organizations, including public-policy groups, media organizations, and government offices at both the local and national level. Credit is offered through POL 4940 Political Internships.

### **Admission to the Political Science Major and Minor**

To qualify for admission to the major, a student must have a 2.5 minimum GPA in previous courses in the major. Students are encouraged to apply for the major by the end of their sophomore year. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

### **Requirements for the Political Science Major**

*For all three tracks, 25 credits must be upper-division.*

Political science majors at SPU choose to organize their studies according to one of three tracks:

- General, which provides the most flexibility.
- Public policy and law, which is especially appropriate for those considering careers in government or who plan to attend law school.
- International affairs, which is designed for those interested in global politics and policy.

[Political Science Major/Minor Application](#) (Word Format)

[Political Science Major/Minor Application](#) (PDF Format)

In addition to the course requirements for these tracks, majors are encouraged to fulfill their Exploratory Curriculum mathematics requirement prior to the spring of their senior year by taking a statistics course such as SOC 2360 Introduction to Statistics in Social and Behavioral Sciences, MAT 1360 Introduction to Statistics or BUS 2700 Statistics for Business and Economics.

Whenever possible, majors are also strongly encouraged to take POL 4643 Methods of Political Analysis in their junior (rather than senior) year.

Any course substitutions must be approved by Professor Reed Davis ([rdavis@spu.edu](mailto:rdavis@spu.edu)), the department chair. No more than a total of 10 hours of internship or independent study can be applied in meeting the required hours in political science, but additional credits above the required hours may be added.

For students who wish to enhance their 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.

### **Political Science-General Track**

#### **Political Science-Public Policy and Law Track**

*POL 4940 Internship is strongly suggested as an elective.*

#### **Political Science-International Affairs Track**

*In addition, at least one year of a foreign language or equivalent is recommended, and more than this is strongly encouraged.*

### Requirements for the Political Science Minor

### Requirements for the Geopolitics Minor

SPU offers no baccalaureate degree specifically in geography, but studies in geography may be combined with political science for a geopolitics minor.

Geography, along with history, is a critical service component for students majoring in other disciplines such as social-science education, and it provides an important dimension to a liberal arts education. (For more information, contact Professors Kathleen Braden ([kbraden@spu.edu](mailto:kbraden@spu.edu)) or Ruth Ediger ([ediger@spu.edu](mailto:ediger@spu.edu)).

### Requirements for the Leadership Minor

Designed for student leaders, this interdisciplinary program draws on courses from such disciplines as political science, sociology, business, psychology, and philosophy. Admission to the leadership studies minor is selective and requires an application submitted to the Office of Student Life. Contact Director of Student Programs Dale Anderson ([dale@spu.edu](mailto:dale@spu.edu)) for application information.

### **Global Development Studies Major**

The **global development studies** major seeks to prepare students for vocations in global development through a liberal arts knowledge base, applied skills training, and direct, cross-cultural experiences.

### **Requirements for the Global Development Studies Major**

*63 credits, including 32 upper division*

In addition to courses in political science and geography, students complete courses in disciplines such as economics, theology, and health sciences, and complete an internship appropriate to nonprofit or social-venture work.

### **Admission to the Global Development Studies Major**

Students are encouraged to apply for the major by the end of their sophomore year. To qualify for admission to the major, a student must have taken — at SPU — at least *two* classes on the list for the major and have achieved at least a 2.5 in each of these classes.

Faculty in the Department of Political Science and Geography will meet each March to examine applications and vote on acceptances. Attainment of the minimum GPA standard does not guarantee admission to the major, as the total number of admissions may be limited by capacity.

Students meeting the minimum GPA but not admitted to the global development studies major will automatically be offered entry to the political science major. A student must complete the major requirements in effect when the student is admitted to the major.

### Requirements for the Global Development Studies Major

### Application for Global Development Studies (Word doc)

### **Integrated Studies Major with a concentration in Social Sciences (for students seeking K-8 certification)**

Students who are planning to obtain elementary school certification and are interested in political science or geography must major in the integrated studies major with a concentration in social sciences.

- The concentration consists of courses in history, political science, and geography.
- [Application \(PDF\)](#) to this major is through the Political Science and Geography Department advisor for the social sciences concentration, Dr. Don Holsinger([dholsing@spu.edu](mailto:dholsing@spu.edu)).
- Further information on the [elementary certification](#) program is available in the [School of Education](#) section of the *Undergraduate Catalog*.

Requirements for Integrated Studies: Social Sciences concentration  
Requirements for Elementary Certification

**GLOBAL DEVELOPMENT STUDIES MAJOR**

63 Credits Minimum, Including 34 Upper Division (UD)

Suggested Course Sequence

**Core Classes**

Course	Credits
GEO 2000 <a href="#">Intro to Global Development</a> (5)	5
GEO 2207 <a href="#">Economic Geography</a> (5)	
ECN 2207 <a href="#">Economic Geography</a> (5)	
POL 2320 <a href="#">Comparative Political Systems</a>	5
POL 3320 <a href="#">Pol &amp; Econ Developmt of Nations</a> (5)	5
ECN 3810 <a href="#">Community Economic Development</a> (5)	
ECN 2101 <a href="#">Principles of Microeconomics</a> (5)	5
ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	
BUS 3670 <a href="#">Management Non-Profit Sector</a> (3)	3
BUS 3690 <a href="#">Microfinance</a> (5)	
BUS 3680 <a href="#">Social Enterprise</a> (3)	5
BUS 3682 <a href="#">Social Venture Planning</a> (2)	
GEO 4899 <a href="#">Capstone: Civil Society</a>	3
GEO 4940 <a href="#">Global Development Internship</a>	5
THEO 3510 <a href="#">Christianity and Society</a> (5)	5
THEO 2620 <a href="#">Intro to Global &amp; Urban Mnstry</a> (5)	
HSC 4700 <a href="#">Issues in Global Health</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>44</b>

**Global Politics**

Course	Credits
POL 2330 <a href="#">International Relations</a> (5)	5
POL 2642 <a href="#">Christianity &amp; World Politics</a> (5)	
POL 3170 <a href="#">Geopolitics</a> (5)	
GEO 3170 <a href="#">Geopolitics</a> (5)	
POL 3440 <a href="#">War, Peace &amp; World Order</a> (5)	
POL 3330 <a href="#">Global Perspect Women's</a>	

<u>Issues</u> (3,5) GEO 3330 <u>Global Perspect Women's Issues</u> (3,5) POL 4310 <u>International Political Economy</u> (5) ECN 4310 <u>International Political Economy</u> (5) POL 4452 <u>International Law</u> (3,5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Cross-Cultural Understanding</b>	
<b>Course</b>	<b>Credits</b>
ANT 2250 <u>Cultural Anthropology</u> (5) THEO 3610 <u>Living in Another Culture</u> (3) THEO 3640 <u>Cross-Cultural Communication</u> (3) COM 4180 <u>Cultural Communication</u> (5) SOC 2650 <u>Introduction to Globalization</u> (5) SOC 4210 <u>Gender in the Global Context</u> (5) PSY 4410 <u>Cross-Cultural Psychology</u> (5) ENG 3380 <u>African Literature</u> (5) ENG 3381 <u>Middle Eastern Literature</u> (5) ENG 3382 <u>South African Lit &amp; Theater</u> (5) GER 3206 <u>Topics in German Lang &amp; Lit</u> (3-5) GER 3260 <u>German Culture</u> (3,5) FRE 3205 <u>Topics: Francophone Literature</u> (5) FRE 3250 <u>La France et le Monde</u> (3) FRE 3260 <u>Les Arts Francais</u> (3) FRE 4460 <u>La Lit:Moyen Age au 18e Siecle</u> (3) FRE 4461 <u>La Litterature:19e-20e Siecles</u> (3) SPN 3120 <u>Civilizacion y Cultura</u> (3) SPN 4105 <u>Literature Survey:Golden Age</u> (3) SPN 4401 <u>Topics in Spanish Literature</u> (3,5) SPN 4501 <u>Topics in Latin American Lit</u> (3,5) RUS 3920 <u>Ind Rdnngs:Intermediate Russian</u> (1-5)	3
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Regional Exploration</b>	
<b>Course</b>	<b>Credits</b>
GEO 1110 <u>World Regional Geography</u> (5) THEO 4602 <u>Latin American Christianity</u> (3) THEO 4603 <u>Asian/African Christianity</u> (3) HIS 3720 <u>Rise of Islamic Civilization</u> (5) HIS 3730 <u>Modern Middle East</u> (5) HIS 3765 <u>Traditional East Asia</u> (5) HIS 3785 <u>Modern East Asia</u> (5) HIS 3790 <u>History of Africa</u> (5) HIS 3750 <u>Latin America</u> (5) SOC 3750 <u>Latin America</u> (5) HIS 3345 <u>Modern Russia</u> (5) POL 3345 <u>Russia,The Caucasus&amp;Cntrl</u>	5

<u>Asia</u> (5) POL 4911 <u>Advanced Seminar:</u> (1-5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Christian Theology in the Globe</b>	
<b>Course</b>	<b>Credits</b>
THEO 3510 <u>Christianity and Society</u> (5)	
ECN 3810 <u>Community Economic Development</u> (5)	
THEO 2620 <u>Intro to Global &amp; Urban Mnstry</u> (5)	3
THEO 4610 <u>World Religions</u> (3)	
THEO 4602 <u>Latin American Christianity</u> (3)	
THEO 4603 <u>Asian/African Christianity</u> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Applied Learning (some of these may have pre-requisites)</b>	
<b>Course</b>	<b>Credits</b>
BUS 3828 <u>International Business</u>	5
OR	
GEO 4600 <u>Public Policies on Ecotourism</u>	3
OR	
GEO 3500 <u>Environmental Policy</u>	5
OR	
POL 3500 <u>Environmental Policy</u>	5
OR	
COM 4265 <u>Organizational Communication</u>	5
OR	
COM 3160 <u>Conflict Management</u>	5
OR	
ENG 3205 <u>Writing in the Professions</u>	3
OR	
CSC 3899 <u>Social Impacts of Computing</u>	3
OR	
FCS 3240 <u>Individual &amp; Family Developmnt</u>	5
OR	
FCS 3340 <u>Human Nutrition</u>	5
OR	
FCS 3710 <u>Family Housing</u>	5
OR	
FCS 4350 <u>Community Nutrition &amp; Education</u>	5
OR	

FCS 4460 <a href="#">Work and Family</a>	5
OR	
ECN 3810 <a href="#">Community Economic Development</a>	5
OR	
SOC 3215 <a href="#">Soc Inequality:Power &amp; Privlge</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>63</b>

**COURSE DESCRIPTIONS:**

[GEO 1110](#) | [GEO 2000](#) | [GEO 2207](#) | [GEO 3170](#) | [GEO 3330](#) | [GEO 3500](#) | [GEO 3677](#) | [GEO 4600](#) | [GEO 4899](#) | [GEO 4900](#) | [GEO 4911](#) | [GEO 4920](#) | [GEO 4930](#) | [GEO 4940](#) | [GEO 4950](#) | [GEO 4970](#) | [VIEW ALL](#)

**GEO 1110: World Regional Geography (5) [Offerings](#)**

Provides familiarity with character of major world regions. Emphasizes variations in levels of economic development and resource distribution among nations, and appreciation for diversity of world cultures.

Attributes: *Social Science B*

**GEO 2000: Intro 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.

Attributes: *Social Science B*

**GEO 2207: Economic Geography (5) [Offerings](#)**

A geographic approach to studying economic activities and issues of poverty and wealth at local, national and global levels. Includes understanding classic theories in Geography of location analysis and economic base. Examines global trends in trade, creation of wealth, economic development, and economic justice issues. Helps students appreciate the role of Christian non-government organizations in building civil society and assisting community development.

Attributes: *Social Science B*

**GEO 3170: Geopolitics (5) [Offerings](#)**

Current world events are explored, from a variety of social-science disciplines (political science, history, economics and political geography). Topics vary, but always include an examination of Christian views on geopolitical conflicts.

Cross-listed Courses: *POL 3170* Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**GEO 3330: Global Perspect Women's Issues (3,5) [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.

Cross-listed Courses: *POL 3330* Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**GEO 3500: Environmental Policy (5) [Offerings](#)**

Examines environmental problems and public policy choices. Compares notions of wise use, consumption, sustainability and stewardship of earth's resources in relation to Christian tradition. Considers social, political, and economic forces that impact the natural environment.

Cross-listed Courses: *POL 3500* Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**GEO 3677: The Nature of Cities (5) [Offerings](#)**

Explores generally from multidisciplinary perspectives the character and content of cities from their origin to present pattern. Special emphasis is placed on the city theme in scripture. Topics include attitudes about cities over time, the spread of civilizations in history, the changing economic base of cities and selected contemporary land-use and urban planning problems. Students who have taken SBS 1677 may not take this course.



Attributes: *Social Science B, Upper-Division*

**GEO 4600: Public Policies on Ecotourism (3) [Offerings](#)**

Examines growing tourism and recreation sector in local, United States, and World economies through a geographic lens. Students will learn about international discussion of ecotourism certification standards and methods to measure impact of tourism on local communities. Particular attention will be give to burgeoning Christian programs for outdoor recreation.

Attributes: *Upper-Division, Writing "W" Course*

**GEO 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.*

**GEO 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*

**GEO 4911: Advanced Seminar (1-5) [Offerings](#)**

Seminars studying theoretical or practical issues in geography and geopolitics. See current Time Schedule for topic. May be repeated for credit up to 15 credits.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Global Development Studies Majors only. Freshman, Sophomore students are excluded.*

**GEO 4920: Directed Readings (1-5) [Offerings](#)**

Directed Readings

Attributes: *Upper-Division*

**GEO 4930: Practicum (1-5) [Offerings](#)**

Practicum May be repeated for credit up to 10 credits.

**GEO 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.*

**GEO 4950: Top: Intro to Geo Info Systems (1-5) [Offerings](#)**

Special Topics in Geography May be repeated for credit up to 5 credits.

Attributes: *Upper-Division*

**GEO 4970: Research in Geography (1-5) [Offerings](#)**

Prerequisite: 10 credit hours in geography.

Attributes: *Upper-Division*

## HISTORY

Alexander Hall 410  
206-281-2773  
[spu.edu/depts/history/](http://spu.edu/depts/history/)

**FACULTY:** [Alberto Ferreiro](#), [Mike Hamilton](#), [Don Holsinger](#), [Rod Stiling](#), [Bill Woodward](#), [Zhiquo Ye](#)  
[Alberto Ferreiro](#), [Michael Hamilton](#), [Donald Holsinger](#), [Rodney Stiling](#), [William Woodward](#), and [Zhiquo Ye](#)

History, the study of the vast record of human experience, serves as the collective memory of humankind. As memory defines selfhood and guides behavior, so history teaches about social identity and responsibility.

And just as one's memory changes and matures, so does the collective understanding of the past change as new evidence is discovered and new perspectives are developed. Like a detective hunt, the discipline of history teaches students to seek facts, weigh interpretations, and draw conclusions. It requires wide reading, deep thinking, and clear communication.

Historical study at SPU seeks a balanced understanding of world cultures. The major program explores the roots and development of Western civilization in the ancient and medieval periods, traces the interaction between the West and the rest of the world, then probes more deeply into American, European, and non-Western history. Along the way, students are able to trace the impact of Christianity in both Western and non-Western settings. The program emphasizes humanity's common heritage and shared future, and challenges students 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 major in history, especially after advanced study, can lead to careers in teaching, in writing, in museums and archival work, and in a wide variety of other professions ranging from journalism, law and government to the pastorate and missions. For students with uncertain career goals, history offers superb training in analytical thinking, effective communication, and placing events into broader context.

History students are encouraged to consider special programs, both on and off campus. Complementing history with a second major, such as [political science](#) or [European studies](#), is encouraged. Internships and other off-campus study opportunities add practical skills and rich experiences of lifelong value. Consider spending a quarter or semester in Western Europe, Russia, Costa Rica, Egypt, China, or Kenya. Or study public policy for a term in the American Studies Program in Washington, D.C. For details, consult the history faculty or [visit Study Abroad](#).

### Admission to the Major or Minor

- To qualify for admission to the major or minor, a student must have a 2.5 minimum GPA.
- A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

### **Requirements for the History Major**

Requirements should reflect a balance among European, U.S., and non-Western studies. They may

include, with advisor's approval, one course in a related field. Students are encouraged to propose some independent activity (HIS 4900 series). Additionally:

- Students majoring in history should work closely with their advisor in selecting additional supporting courses tailored to their career goals.
- Students planning graduate study should acquire a reading mastery of a foreign language.

### **Requirements for the History Minor**

A minor in history is available for those who wish to enrich their college experience by examining the unfolding story of human cultures through time, and as a complement to related majors such as [European studies](#), [political science](#), [sociology](#), etc.

**Application for Major and Minor** (PDF)

**Application for Major and Minor** (Word)

### **Prospective Teachers**

Students seeking teaching credentials should include HIS 3600 History of the Pacific Northwest in their program. They should also consult with the [School of Education](#) early in their academic program.

### **Integrated Studies Major with a concentration in Social Sciences (for students seeking K-8 certification)**

Students who are planning to obtain elementary school certification and are interested in history must major in the [integrated studies major](#) with a concentration in social sciences.

- The concentration consists of courses in history, political science, and geography.
- [Application \(PDF\)](#) to this major is through the History Department advisor for the social sciences concentration, Dr. Don Holsinger ([dholsing@spu.edu](mailto:dholsing@spu.edu)).
- Further information on the [elementary certification program](#) is available in the [School of Education](#) section of the *Undergraduate Catalog*.

[Requirements for Integrated Studies: Social Sciences concentration](#)

[Requirements for Elementary Certification](#)

## **HISTORY MAJOR**

56 Credits Minimum, Including 26 Upper Division (UD)

[Suggested Course Sequence](#)

<b>World Civilization</b>	
<b>Course</b>	<b>Credits</b>
HIS 1200 <a href="#">Ancient &amp; Medieval Worlds</a> (5)	10
UCOR 2000 <a href="#">The West and the World</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>United States</b>	
<b>Course</b>	<b>Credits</b>
HIS 2502 <a href="#">The United States to 1876</a> (5)	10

HIS 2503 <u>The United States Since 1876</u> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Two Courses in History of Non-Western Region</b>	
<b>Course</b>	<b>Credits</b>
HIS 3710 <u>Comparative Non-Western History</u> (5)	
HIS 3720 <u>Rise of Islamic Civilization</u> (5)	
HIS 3730 <u>Modern Middle East</u> (5)	
HIS 3750 <u>Latin America</u> (5)	10
HIS 3765 <u>Traditional East Asia</u> (5)	
HIS 3785 <u>Modern East Asia</u> (5)	
HIS 3786 <u>Modern China</u> (5)	
HIS 3787 <u>Chinese Cities &amp; Urban Culture</u> (5)	
HIS 3790 <u>History of Africa</u> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>One course in History of Christianity: Examples Below</b>	
<b>Course</b>	<b>Credits</b>
HIS 3382 <u>Crusades &amp; Holy Wars:1095-1492</u> (5)	
HIS 3401 <u>Early &amp; Medieval Christianity</u> (5)	5
HIS 3402 <u>Reformatn &amp; Modrn Christianity</u> (5)	
HIS 3405 <u>Topics:History of Christianity</u> (5)	
HIS 3406 <u>Christianity in America</u> (5)	
HIS 3501 <u>Col &amp; Rev Am:Found of Am Civ</u> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>One Course in Historiography and One Capstone</b>	
<b>Course</b>	<b>Credits</b>
HIS 3853 <u>Historiography: Anglo-American</u> (3)	
HIS 3854 <u>Historiography: Christian Trad</u> (3)	3
HIS 3857 <u>Historiogrphy:World Historians</u> (3)	
HIS 4899 <u>History Capstone</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>6</b>
<b>Electives: 15 Credits (including 5 UD credits)</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>56</b>

## GENERAL HISTORY MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

### History Minor Core Requirements

Course	Credits
UCOR 2000 <a href="#">The West and the World</a>	5
HIS 2502 <a href="#">The United States to 1876</a> (5) HIS 2503 <a href="#">The United States Since 1876</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>

### One Course in the History of non-Western Region

Course	Credits
HIS 3710 <a href="#">Comparative Non-Western Histroy</a> (5)	
HIS 3720 <a href="#">Rise of Islamic Civilization</a> (5)	
HIS 3730 <a href="#">Modern Middle East</a> (5)	
HIS 3750 <a href="#">Latin America</a> (5)	
HIS 3765 <a href="#">Traditional East Asia</a> (5)	5
HIS 3785 <a href="#">Modern East Asia</a> (5)	
HIS 3786 <a href="#">Modern China</a> (5)	
HIS 3787 <a href="#">Chinese Cities &amp; Urban Culture</a> (5)	
HIS 3790 <a href="#">History of Africa</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>

<b>History Minor Electives (At least 10 UD)</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

### COURSE DESCRIPTIONS:

[HIS 1200](#) | [HIS 2491](#) | [HIS 2492](#) | [HIS 2502](#) | [HIS 2503](#) | [HIS 3100](#) | [HIS 3170](#) | [HIS 3320](#) | [HIS 3331](#) | [HIS 3345](#) | [HIS 3356](#) | [HIS 3382](#) | [HIS 3395](#) | [HIS 3401](#) | [HIS 3402](#) | [HIS 3405](#) | [HIS 3406](#) | [HIS 3435](#) | [HIS 3440](#) | [HIS 3501](#) | [HIS 3600](#) | [HIS 3616](#) | [HIS 3640](#) | [HIS 3670](#) | [HIS 3710](#) | [HIS 3720](#) | [HIS 3730](#) | [HIS 3750](#) | [HIS 3765](#) | [HIS 3785](#) | [HIS 3786](#) | [HIS 3787](#) | [HIS 3790](#) | [HIS 3853](#) | [HIS 3854](#) | [HIS 3857](#) | [HIS 4495](#) | [HIS 4525](#) | [HIS 4545](#) | [HIS 4565](#) | [HIS 4575](#) | [HIS 4600](#) | [HIS 4715](#) | [HIS 4765](#) | [HIS 4899](#) | [HIS 4900](#) | [HIS 4920](#) | [HIS 4921](#) | [HIS 4922](#) | [HIS 4923](#) | [HIS 4924](#) | [HIS 4925](#) | [HIS 4926](#) | [HIS 4927](#) | [HIS 4928](#) | [HIS 4929](#) | [HIS 4930](#) | [HIS 4940](#) | [HIS 4949](#) | [HIS 4950](#) | [HIS 4970](#) | [HIS 4971](#) | [HIS 4972](#) | [HIS 4973](#) | [HIS 4974](#) | [HIS 4975](#) | [HIS 4976](#) | [HIS 4977](#) | [HIS 4978](#) | [HIS 4979](#) | [VIEW ALL](#)

#### **HIS 1200: Ancient & 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: *Social Science B*

**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: *Social Science B*

**HIS 2492: Foundations 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 age of Einstein.

Attributes: *Social Science B*

**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: *Social Science B*

**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: *Social Science B*

**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.

Cross-listed Courses: *CLA 3100* Attributes: *Arts and Humanities B, Upper-Division*

**HIS 3170: Classical Civilization (5) [Offerings](#)**

Explores history, literature, and society of classical Greece and Rome, stressing contributions to modern Western civilization.

Cross-listed Courses: *CLA 3170* Attributes: *Arts and Humanities B, Upper-Division*

**HIS 3320: History of England (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 & Portugal (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: Modern Russia (5) [Offerings](#)**

Surveys Russian social, cultural and political history with primary attention to the tsarist, revolutionary, and Soviet eras, examining their legacies for current



development and change.

Cross-listed Courses: POL 3345 Attributes: Social Science B, 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: Upper-Division

**HIS 3382: Crusades & Holy Wars:1095-1492 (5) Offerings**

Prerequisite: HIS 1200 or equivalent. Explores the Crusades and Holy Wars in Spain in social, political, and religious contexts. Topics include Just War theory, economic influences, missions to Muslims, Christian-Muslim theological debates, and the Reconquest in Spain. Muslim and Christian views of the Crusades and Holy Wars are presented.

Attributes: Upper-Division Restrictions: Freshman students are excluded.

**HIS 3395: Eur Intellect Hist:Anselm-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: Early & 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.

Cross-listed Courses: THEO 3301 Attributes: Upper-Division Restrictions: Freshman

students are excluded.

**HIS 3402: Reformatn & Modrn 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.

Cross-listed Courses: THEO 3302 Attributes: Upper-Division Restrictions: Freshman students are excluded.

**HIS 3405: Topics:Science & Reformation (3-5) [Offerings](#)**

Specific topics will vary. Past topics have included "The Protestant Reformation and the Scientific Revolution-Connections, Contrasts, Cooperation, and Competition in 16th-18th Century Europe" and "Religion and Politics in the Third Reich". May be repeated for credit up to 10 credits.

Cross-listed Courses: THEO 3305 Attributes: Upper-Division Restrictions: Freshman students are excluded.

**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.

Cross-listed Courses: THEO 3303 Attributes: Upper-Division

**HIS 3435: Marxism:20thCent Theory & Prac (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. Offered alternate years.

Cross-listed Courses: ECN 3435, POL 3435 Attributes: Upper-Division Restrictions: Freshman students are excluded.

**HIS 3440: Internatnl 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.

Cross-listed Courses: POL 3440 Attributes: Social Science B, Upper-Division Restrictions: Freshman students are excluded.

**HIS 3501: Col & Rev Am: Found of Am Civ (5) [Offerings](#)**

Explores America's pre-national experience in both local and international perspective, from the earliest explorations through the American Revolution. Considers how America's distinctive cultural patterns developed. Emphasizes the role of Christianity in shaping the emergence of an American identity and character. Satisfies major requirement for history of Christianity course.

Attributes: Social Science B, Upper-Division, Writing "W" Restrictions: Freshman students are excluded.

**HIS 3600: History of Pacific Northwest (5) [Offerings](#)**

Surveys development of the region encompassing Washington, Oregon, and Idaho from the discovery period to the present. Sets the regional story in the context of the general history of the American West. Field experiences required. (For post-baccalaureate students, a tutorial version of this course, HIS 5600, is offered year round.)

Attributes: Upper-Division Restrictions: Freshman students are excluded.

**HIS 3616: U.S. Women and Social Change (5) [Offerings](#)**

This course will examine the role of women in American society; how various women negotiated their status to bring about social change, and how issues such as race, class, region, ethnicity, religion, and sexual orientation affected women's historical experience. Topics of focus include Revolutionary America, the anti-slavery campaign, progressivism, the New Deal, the civil rights movement and feminism, and the rise of conservatism.

Attributes: Upper-Division

**HIS 3640: Growth of Amer Economic System (3) [Offerings](#)**

Prerequisites: ECN 1100, or ECN 2101 and ECN 2102. Studies the development of the American economy, with particular attention to the rise of the modern business system and its impact on American society; gives corollary consideration to labor, agriculture, technology, and the monetary system. Offered alternate years.

Cross-listed Courses: ECN 3640 Attributes: Upper-Division Restrictions: Freshman students are excluded.

**HIS 3670: Hist of Amer 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.

Cross-listed Courses: POL 3670 Attributes: Social Science B, Upper-Division, Writing "W" Course Restrictions: Freshman students are excluded.

**HIS 3710: Comparative Non-Western Histry (5) [Offerings](#)**

Explores the history of the non-Western World through thematic and regional comparisons. Sample themes include frontier encounters, colonialism, nationalism, modernization, state formation, and social change.

Attributes: Social Science B, Upper-Division, Writing "W" Course Restrictions: Freshman students are excluded.

**HIS 3720: Rise of Islamic Civilization (5) [Offerings](#)**

Traces the rise and development of Islamic civilization from seventh-century origins to the 18th century. Highlights the interaction of cultural, political, and economic themes, as well as the changing relations between the Middle East and Europe.

Attributes: Social Science B, Upper-Division, Writing "W" Course Restrictions: Freshman students are excluded.

**HIS 3730: Modern Middle East (5) [Offerings](#)**

Traces cultural, political, and economic change in the Middle East from the 18th century to the present. Explores Middle Eastern/Islamic responses to Western expansion, the rise of nationalism, the Arab-Israeli conflict, the geopolitics of oil and the roots of terrorism.

Attributes: *Social Science B, Upper-Division, Writing "W"*  
Course Restrictions: *Freshman students are excluded.*

**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.

Cross-listed Courses: *SOC 3750* Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**HIS 3765: Traditional East Asia (5) [Offerings](#)**

Traces the making of Chinese and Japanese civilizations and the formation of political, social, and moral order in China and Japan from antiquity to the 19th century under the influence of both native and borrowed traditions, especially Confucianism and Buddhism.

Attributes: *Social Science B, Upper-Division* Restrictions: *Freshman students are excluded.*

**HIS 3785: Modern East Asia (5) [Offerings](#)**

Examines the cultural, religious, and philosophical fabric of East Asian societies with special reference to China and Japan, as well as the political and economic developments and interactions with the West from the 18th century to the present.

Attributes: *Social Science B, Upper-Division* Restrictions: *Freshman students are excluded.*

**HIS 3786: Modern China (5) [Offerings](#)**

What does it mean to be "modern?" To be "Chinese?" These seemingly simple

concepts have been neither self-evident nor uncontested for the last four hundred years. This course traces this "search" for a modern China, exploring the intimate link between Chinese modernity and national identity. It explores how these discourses informed historical attitudes towards gender, politics and non-"Chinese" peoples.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**HIS 3787: Chinese Cities & Urban Culture (5) [Offerings](#)**

Introduces the history of Chinese cities and the modern transformation of urban life and culture. Examines Confucian ideals for the city, major urban cultures in traditional China, modern urban transformation after China was forced to open to foreign trade, changes to urban daily life since the mid-19th century, and how the city became the center of China's current struggle with modernity and identity.

Attributes: *Upper-Division*

**HIS 3790: History of Africa (5) [Offerings](#)**

Studies the history of Africa from prehistoric times to the present. Examines cultural, political, and economic change both within Africa and between Africa and other world regions.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**HIS 3853: Historiography: Anglo-American (3) [Offerings](#)**

Prerequisite: 15 hours of history or instructor's permission. This course explores the roots, development, patterns and problems of history writing in the English and American tradition. It pays special attention to the way that history writing takes place in the contexts of time, place and systems of belief. Using excerpts from influential historical works as our primary materials, we study how English-language history writing has been influenced by ideas of critical analysis, skepticism, science, progress, objectivity, relativism and relevance. Along the way we learn about techniques of historical reconstruction, debates within the discipline, and how Christian ideas and beliefs may or may not impact historical writing and thinking. This course fulfills the historiography requirement for the history major.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**HIS 3854: Historiography: Christian Trad (3) [Offerings](#)**

Prerequisite: 15 hours in history or instructor's permission. This course examines the history of Christian historical writing from antiquity (Old Testament-New Testament foundations) to the early modern era. Topics will include: the limitations of the historical method, objectivity and subjectivity, miracles and the historical method, creedal confessions and the writing of Church History, and the challenges of rationalism and skepticism. Special attention will be given to the 'Quest for the Historical Jesus'. Lastly, students will also learn some 'hands on' classroom methodologies for how to teach Church History in both religious and secular schools. This course fulfills the historiography requirement for the history major.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**HIS 3857: Historiography: World Historians (3) [Offerings](#)**

Prerequisite: 15 hours of history or Instructor's permission. 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. This course fulfills the historiography requirement for the history major.

Attributes: *Upper-Division*

**HIS 4495: Topics in History of Science (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: Jacksonian America, 1820-1850 (3) [Offerings](#)**

Capstone research seminar, stressing analysis of primary sources and advanced, integrative historical understanding. Studies the interacting impact of revival, reform, and romanticism in the context of political realignment and economic growth. Students select typical life roles from the period to research

and portray.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**HIS 4545: Transform Amer Life:1870-1900 (3) [Offerings](#)**

Capstone research seminar, stressing analysis of primary sources and advanced, integrative historical understanding. Through intensive examination of World's Fairs in 1876 and 1893, analyzes the rise of big business and consequent social and cultural change. Students write short papers in the journalistic style of the era, based on contemporary accounts of the years and the fairs.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**HIS 4565: World War II (3) [Offerings](#)**

Capstone 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.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**HIS 4575: America in the 1960s (3) [Offerings](#)**

Capstone research seminar, stressing analysis of primary sources and advanced, integrative historical understanding. Examines the remaking of American society in the period 1958-1974. Students will read core texts and then complete an original research project on topics such as the Civil Rights movement, the Vietnam conflict, the women's movement, the Cold War, the war on poverty, the rise of ethnic consciousness, or popular music. Projects will generally be presented in the form of a term paper.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*



**HIS 4600: Pacific Northwest Sen 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. Offered Summer Session only. (Post-baccalaureate students should enroll in HIS 5600, a version of the course offered year round.)

*Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.*

**HIS 4715: Non-Western History Seminar (3) [Offerings](#)**

Capstone research seminar, stressing analysis of primary sources and advanced, integrative historical understanding. Topics may vary and will focus on Africa, the Middle East, or regional comparisons. Sample topics: the Israel-Palestine conflict, Christian-Muslim relations, the Age of Imperialism, the Algerian revolution, rise and fall of South African apartheid.

*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.

*Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.*

**HIS 4899: History Capstone (3) [Offerings](#)**

For specific course information, see Catalog description of HIS 4495, 4525, 4545, 4565, 4575, 4715, and 4765. History majors who are taking this course to meet the capstone graduation requirement should enroll in HIS 4899; all other students should enroll in the equivalent course number.

*Attributes: Upper-Division Restrictions: Freshman, Sophomore students are*

*excluded.*

**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 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 4921: Readings in Ancient History (1-5) [Offerings](#)**

Prerequisites: 15 credits of B work in history. Requires reading and reporting on a designated topic in ancient 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 4922: Rdgs in European Hist(Periods) (1-5) [Offerings](#)**

Prerequisites: 15 credits of B work in history. Requires reading and reporting in a designated time period of European 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 4923: Rdgs in European Hist (Topics) (1-5) [Offerings](#)**

Prerequisites: 15 credits of B work in history. Requires reading and reporting in a designated topic in European 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 4924: Readings in Comparative Hist (1-5) [Offerings](#)**

Prerequisites: 15 credits of B work in history. Requires reading and reporting in a designated topic in history that bridges traditional regional specialties, 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 4925: Rdgs in U.S. History(Periods) (1-5) [Offerings](#)**

Prerequisites: 15 credits of B work in history. Requires reading and reporting in a designated time period of U.S. 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 4926: Rdgs in U.S. History (Topics) (1-5) [Offerings](#)**

Prerequisites: 15 credits of B work in history. Requires reading and reporting in a designated topic in U.S. 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 4927: Readngs in Non-Western History (1-5) [Offerings](#)**

Prerequisites: 15 credits of B work in history. Requires reading and reporting in a designated topic in African, Middle Eastern, Asian, or Latin American 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 4928: Readings in Historiography (1-5) [Offerings](#)**

Prerequisites: 15 credits of B work in history. Requires reading and reporting in a designated area of historical writing 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 4929: Readings in Applied History (1-5) [Offerings](#)**

Prerequisites: 15 credits of B work in history. Requires reading and reporting in a designated field of applied or "public" 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 West and the World).

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.

Attributes: *Upper-Division*

**HIS 4970: Independent Research (1-15) [Offerings](#)**

Prerequisites: 10 upper-division credits of B work in history. Requires research and writing on a significant historical topic as arranged between the student and instructor. The student should present a proposal before registering. May be repeated for credit up to 15 credits.

Attributes: *Upper-Division* Restrictions: *Freshman, Non-Matriculated, Sophomore students are excluded.*

**HIS 4971: Ancient History Research (1-15) [Offerings](#)**

Prerequisites: 10 upper-division credits of B work in history. Requires research and writing on a significant ancient history topic as arranged between the student and instructor. The student should present a proposal before registering. May be repeated for credit up to 15 credits.

Attributes: *Upper-Division* Restrictions: *Freshman, Non-Matriculated, Sophomore students are excluded.*

**HIS 4972: Euro History Research(Periods) (1-15) [Offerings](#)**

Prerequisites: 10 upper-division credits of B work in history. Requires research and writing on a significant time period in European history as arranged between the student and instructor. The student should present a proposal before registering. May be repeated for credit up to 15 credits.

*Attributes: Upper-Division Restrictions: Freshman, Non-Matriculated, Sophomore students are excluded.*

**HIS 4973: European Hist Research(Topics) (1-15) [Offerings](#)**

Prerequisites: 10 upper-division credits of B work in history. Requires research and writing on a significant European history topic as arranged between the student and instructor. The student should present a proposal before registering. May be repeated for credit up to 15 credits.

*Attributes: Upper-Division Restrictions: Freshman, Non-Matriculated, Sophomore students are excluded.*

**HIS 4974: Comparative History Research (1-15) [Offerings](#)**

Prerequisites: 10 upper-division credits of B work in history. Requires research and writing on a significant comparative historical topic as arranged between the student and instructor. The student should present a proposal before registering. May be repeated for credit up to 15 credits.

*Attributes: Upper-Division Restrictions: Freshman, Non-Matriculated, Sophomore students are excluded.*

**HIS 4975: U.S. History Research(Periods) (1-15) [Offerings](#)**

Prerequisites: 10 upper-division credits of B work in history. Requires research and writing on a significant time period in U.S. history as arranged between the student and instructor. The student should present a proposal before registering. May be repeated for credit up to 15 credits.

*Attributes: Upper-Division Restrictions: Freshman, Non-Matriculated, Sophomore students are excluded.*

**HIS 4976: U.S. History Research (Topics) (1-15) [Offerings](#)**

Prerequisites: 10 upper-division credits of B work in history. Requires research and writing on a significant U.S. history topic as arranged between the student and instructor. The student should present a proposal before registering. May be repeated for credit up to 15 credits.

*Attributes: Upper-Division Restrictions: Freshman, Non-Matriculated, Sophomore students are excluded.*

**HIS 4977: Non-Western History Research (1-15) [Offerings](#)**

Prerequisites: 10 upper-division credits of B work in history. Requires research and writing on a significant topic in African, Middle Eastern, or Latin American history, as arranged between the student and the instructor. The student should present a proposal before registering. May be repeated for credit up to 15 credits.

*Attributes: Upper-Division Restrictions: Freshman, Non-Matriculated, Sophomore students are excluded.*

**HIS 4978: Historiography Research (1-15) [Offerings](#)**

Prerequisites: HIS 3850, 10 upper-division credits of B work in history. Requires research and writing on a significant historiographical issue as arranged between the student and instructor. The student should present a proposal before registering. May be repeated for credit up to 15 credits.

*Attributes: Upper-Division Restrictions: Freshman, Non-Matriculated, Sophomore students are excluded.*

**HIS 4979: Applied History Research (1-15) [Offerings](#)**

Prerequisites: 10 upper-division credits of B work in history. Requires research and writing on a significant public-history topic as arranged between the student and instructor. The student should present a proposal before registering. May be repeated for credit up to 15 credits.

*Attributes: Upper-Division Restrictions: Freshman, Non-Matriculated, Sophomore students are excluded.*

## INTEGRATED STUDIES MAJOR

Otto Miller Hall 130  
206-281-2148

**FACULTY:** [Sharon Young](#), Integrated Studies Coordinator; [JoAnn Atwell-Scrivner](#); [Eleanor Close](#); [Don Holsinger](#); [Luke Reinsma](#); [Andrew Ryder](#)

### **The Required Major for Prospective Elementary Teachers**

The integrated studies major is a comprehensive interdisciplinary Bachelor of Arts degree program designed for students who want to pursue a career as an elementary school teacher. It is now the required major for students who plan to complete the elementary certification program as an undergraduate at Seattle Pacific University. Coursework for the major along with the [elementary certification](#) program may be completed in four years.

**Note:** Students may graduate with an integrated studies major without seeking elementary certification. These students will not be required to complete the Foundations Quarter, Methods Quarter, Integrated Quarter, and internship quarter required for certification. Further, they must complete one or more concentration-specific capstone courses rather than the education capstone course.

### **Requirements for Admission to the Integrated Studies Major**

Students may apply for admission to the integrated studies major upon completion of their freshman year. They must have a minimum 2.8 GPA overall and must have decided on an area of concentration.

A student must complete the major's requirements that are in effect when the student is admitted to the major. Once admitted, students must maintain a 2.8 minimum GPA. However, students need to be diligent about having a 2.8 minimum GPA to take the Foundations Quarter in the School of Education and a 3.0 minimum GPA for admission to the School of Education before taking the Methods Quarter.

### **Application for the Integrated Studies Major**

#### **Overview of the Major**

The integrated studies major provides future elementary teachers the opportunity to develop depth of knowledge in the six content areas they will teach: language arts, mathematics, natural sciences, social sciences, the arts, and health/fitness. There are two components to the integrated studies major:

- The core courses, with studies across all six content disciplines listed above.
- A concentration of study in one of the six disciplines.

#### **Component I: Core Courses**

Students take a total of 64 credits in the core courses. These courses simultaneously fulfill the 40 credits required in Seattle Pacific University's [Exploratory Curriculum](#).

The core courses were selected to enable students to develop both breadth of content knowledge across the subject areas they will teach (language arts, mathematics, natural sciences, social sciences, the arts, and health/fitness), and some depth of content knowledge in those areas.



A number of these courses were specifically designed for future elementary teachers including inquiry-based mathematics, inquiry-based science, children's literature, and the art, 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 teachers 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.

### **Component II: Concentration in a Discipline**

Students will select a discipline as an area of concentration early in their program. They take 30-35 additional credits of coursework in the discipline with the goal of acquiring greater depth of knowledge in one of the core content areas. When students are admitted into the major, they should work with the advisor for their selected concentration. The six **concentration disciplines** are listed below.

**The Arts Concentration**, Andrew Ryder, advisor

[Requirements for The Arts Concentration](#)

**Health and Fitness Concentration**, JoAnn Atwell-Scrivner, advisor

[Requirements for Health & Fitness Concentration](#)

**Language Arts Concentration**, Luke Reinsma, advisor

[Requirements for Language Arts Concentration](#)

**Note:** Students choosing the language arts concentration must fulfill the requirement for proficiency in [a second language](#). The requirement, equal to the completion of the third quarter of a University-level language course, may be met by the study of any modern or classical language other than English.

**Mathematics Concentration**, Sharon Young, advisor

[Requirements for Mathematics Concentration](#)

**Natural Sciences Concentration**, Eleanor Close, advisor

[Requirements for Natural Sciences Concentration](#)

**Social Sciences Concentration**, Don Holsinger, advisor

[Requirements for Social Sciences Concentration](#)

### **Advising**

It is extremely important for students in integrated studies to work closely with an advisor as they make decisions regarding their course selections for the core courses, the concentration, and the Elementary Certification Requirements, along with the University's graduation requirements.

Freshmen are assigned a USEM advisor and an integrated studies faculty advisor during their freshman year. Students should work with an integrated studies faculty advisor to select appropriate courses. Students who plan to participate in the [study abroad program](#) need to work with one of the integrated studies faculty advisors to determine the most appropriate quarter for such travel. This planning should be done during the freshman year, if at all possible.

[Requirements for Admission to the School of Education](#)

### **Transfer Students**

Students who transfer from a Washington state community college with a Direct Transfer Agreement (DTA) associate degree with Elementary Education Major-Related Program (MRP) will earn credits

that transfer toward corresponding course requirements in the core courses of the integrated studies major. Other transfer students can petition the integrated studies faculty advisors for course substitutions in the core courses and in the concentration.

## INTEGRATED STUDIES: HEALTH & FITNESS CONCENTRATION (B.A.)

97 Credits Minimum, Including 23 Upper Division (UD)

### Suggested Course Sequence

#### Language Arts Core

Course	Credits
LIN 2100 <u>Foundations of Language Study</u> (5)	5
COM 1101 <u>Intro to Interpersonal Commun</u> (5)	
COM 1321 <u>Public Speaking</u> (5)	
ENG 3301 <u>Advanced Expository Writing</u>	3
EDRD 3516 <u>Children's Literature</u> (3)	3
EDRD 3517 <u>Young Adult Literature</u> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>11</b>

#### Mathematics Core

Course	Credits
MAT 1560 <u>Numerical Reasoning</u>	4
MAT 2561 <u>Statistical &amp; Algebraic Reasng</u>	4
MAT 3562 <u>Geometric Reasoning</u>	4
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>

#### The Arts Core

Course	Credits
ART 3546 <u>Art Education</u>	3
MUS 3501 <u>Elementary Music Education</u>	3
TRE 3800 <u>Theatre Education</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>

#### Health & Fitness Core

Course	Credits
PES 3510 <u>Teaching Physical Education</u>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>

#### Natural Sciences Core

Course	Credits
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BIO 2569 <u>Introduction to Biology I</u>	3
BIO 2570 <u>Introduction to Biology II</u>	3
PHY 2567 <u>Devlp Concppts Physcl Science I</u>	3
PHY 2568 <u>Devlp Concpct Physcl Science II</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>Social Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
GEO 1110 <u>World Regional Geography</u> (5)	5
POL 1120 <u>American Government &amp; Politics</u> (5)	
PSY 1180 <u>Gen Psych:Individual in Growth</u>	5
HIS 2502 <u>The United States to 1876</u> (5)	5
HIS 2503 <u>The United States Since 1876</u> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Health &amp; Fitness Concentration Requirements</b>	
<b>Course</b>	<b>Credits</b>
PES 1301 <u>Wellness and Physical Activity</u>	3
PES 2195 <u>Philosophy&amp;Resrch in Hlth/Phys</u>	5
FCS 2385 <u>Food &amp; the Consumer</u>	3
PSY 2422 <u>Psychology of Personal Growth</u>	5
PES 3555 <u>Methods of Teaching Health</u>	5
PES 3575 <u>Motor Learning &amp; Development</u>	4
<b>SECTION CREDITS REQUIRED</b>	<b>23</b>
<b>EDU or Health &amp; Fitness Capstone Requirement</b>	
<b>Course</b>	<b>Credits</b>
EDU 4899 <u>Teacher as Person-Capstone</u> (2)	2
PES 4899 <u>Contempry Iss Health&amp;Phys Actv</u> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>2</b>
<b>Health &amp; Fitness Restricted Electives</b>	
<b>Course</b>	<b>Credits</b>
HSC 3035 <u>Human Sexuality</u> (3)	8
FCS 3321 <u>Nutrition through Life Cycle</u> (3)	
FCS 4350 <u>Community Nutrition &amp;Education</u> (5)	
FCS 4460 <u>Work and Family</u> (5)	

PES 3545 <a href="#">Programs for Special Populatns</a> (3)	
PES 4555 <a href="#">Community Health Promotion</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>97</b>

## INTEGRATED STUDIES: LANGUAGE ARTS CONCENTRATION (B.A.)

95 Credits Minimum, Including 23 Upper Division (UD)

### Suggested Course Sequence

<b>Language Arts Core</b>	
<b>Course</b>	<b>Credits</b>
LIN 2100 <a href="#">Foundations of Language Study</a>	5
ENG 3301 <a href="#">Advanced Expository Writing</a>	3
EDRD 3516 <a href="#">Children's Literature</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>11</b>

<b>Mathematics Core</b>	
<b>Course</b>	<b>Credits</b>
MAT 1560 <a href="#">Numerical Reasoning</a>	4
MAT 2561 <a href="#">Statistical &amp; Algebraic Reasnq</a>	4
MAT 3562 <a href="#">Geometric Reasoning</a>	4
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>

<b>The Arts Core</b>	
<b>Course</b>	<b>Credits</b>
ART 3546 <a href="#">Art Education</a>	3
MUS 3501 <a href="#">Elementary Music Education</a>	3
TRE 3800 <a href="#">Theatre Education</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>

<b>Health &amp; Fitness Core</b>	
<b>Course</b>	<b>Credits</b>
PES 3510 <a href="#">Teaching Physical Education</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>

<b>Natural Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
BIO 2569 <a href="#">Introduction to Biology I</a>	3

BIO 2570 <u>Introduction to Biology II</u>	3
PHY 2567 <u>Devlp Concppts Physcl Science I</u>	3
PHY 2568 <u>Devlp Concpct Physcl Science II</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>Social Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
GEO 1110 <u>World Regional Geography</u> (5)	5
POL 1120 <u>American Government &amp; Politics</u> (5)	
PSY 1180 <u>Gen Psych:Individual in Growth</u> (5)	5
SOC 1110 <u>Introduction to Sociology</u> (5)	
HIS 2502 <u>The United States to 1876</u> (5)	5
HIS 2503 <u>The United States Since 1876</u> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Language Arts Concentration Requirements</b>	
<b>Course</b>	<b>Credits</b>
ENG 2248 <u>New International Fiction</u>	5
ENG 2253 <u>Amer Lit:Beginnings to 1900</u>	5
ENG 3180 <u>Advanced Grammar</u>	3
ENG 3334 <u>American Ethnic Literature</u>	5
ENG 3205 <u>Writing in the Professions</u> (3)	3
ENG 3318 <u>Creative Nonfiction</u> (3)	
EDRD 3517 <u>Young Adult Literature</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>24</b>
<b>EDU or Language Arts Capstone Requirement</b>	
<b>Course</b>	<b>Credits</b>
EDU 4899 <u>Teacher as Person-Capstone</u> (2)	2
ENG 4899 <u>Senior Capstone in English</u> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>2</b>
<b>English Elective</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>95</b>

**Additional Requirements:**

Students must demonstrate proficiency in a second language.

Foreign Language is required for this major.

See faculty advisor for details.

### INTEGRATED STUDIES: MATHEMATICS CONCENTRATION (B.A.)

94 Credits Minimum, Including 23 Upper Division (UD)

#### Suggested Course Sequence

#### Language Arts Core

Course	Credits
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	
COM 1101 <a href="#">Intro to Interpersonal Commun</a> (5)	5
COM 1321 <a href="#">Public Speaking</a> (5)	
ENG 3301 <a href="#">Advanced Expository Writing</a>	3
EDRD 3516 <a href="#">Children's Literature</a> (3)	
EDRD 3517 <a href="#">Young Adult Literature</a> (3)	3
<b>SECTION CREDITS REQUIRED</b>	<b>11</b>

#### Mathematics Core

Course	Credits
MAT 1560 <a href="#">Numerical Reasoning</a>	4
MAT 2561 <a href="#">Statistical &amp; Algebraic Reasnq</a>	4
MAT 3562 <a href="#">Geometric Reasoning</a>	4
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>

#### The Arts Core

Course	Credits
ART 3546 <a href="#">Art Education</a>	3
MUS 3501 <a href="#">Elementary Music Education</a>	3
TRE 3800 <a href="#">Theatre Education</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>

#### Health & Fitness Core

Course	Credits
PES 3510 <a href="#">Teaching Physical Education</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>

#### Natural Sciences Core

Course	Credits
BIO 2569 <a href="#">Introduction to Biology I</a>	3
BIO 2570 <a href="#">Introduction to Biology II</a>	3
PHY 2567 <a href="#">Devlp Concppts Physcl Science I</a>	3

PHY 2568 <a href="#">Devlp Concpt Physcl Science II</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>Social Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
GEO 1110 <a href="#">World Regional Geography</a> (5) POL 1120 <a href="#">American Government &amp; Politics</a> (5)	5
PSY 1180 <a href="#">Gen Psych:Individual in Growth</a> (5) SOC 1110 <a href="#">Introduction to Sociology</a> (5)	5
HIS 2502 <a href="#">The United States to 1876</a> (5) HIS 2503 <a href="#">The United States Since 1876</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Mathematics Concentration Requirements</b>	
<b>Course</b>	<b>Credits</b>
MAT 1234 <a href="#">Calculus I</a>	5
MAT 1235 <a href="#">Calculus II</a>	5
MAT 1236 <a href="#">Calculus III</a>	5
MAT 3360 <a href="#">Probability &amp; Statistics</a>	5
MAT 4610 <a href="#">The Evolution of Math Thought</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>23</b>
<b>EDU or Mathematics Capstone Requirement</b>	
<b>Course</b>	<b>Credits</b>
EDU 4899 <a href="#">Teacher as Person-Capstone</a> (2) MAT 4899 <a href="#">Senior Capstone Seminar</a> (3)	2
<b>SECTION CREDITS REQUIRED</b>	<b>2</b>
<b>Electives (the following or other approved UD MAT course)</b>	
<b>Course</b>	<b>Credits</b>
EDMA 3357 <a href="#">Teaching Secondary Mathematics</a> (3) MAT 3401 <a href="#">Number Theory</a> (3) MAT 4930 <a href="#">Practicum in Mathematics</a> (2)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>94</b>

## INTEGRATED STUDIES: NATURAL SCIENCES CONCENTRATION (B.A.)

94 Credits Minimum, Including 23 Upper Division (UD)

### Suggested Course Sequence

#### Language Arts Core

Course	Credits
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	
COM 1101 <a href="#">Intro to Interpersonal Commun</a> (5)	5
COM 1321 <a href="#">Public Speaking</a> (5)	
ENG 3301 <a href="#">Advanced Expository Writing</a>	3
EDRD 3516 <a href="#">Children's Literature</a> (3)	
EDRD 3517 <a href="#">Young Adult Literature</a> (3)	3
<b>SECTION CREDITS REQUIRED</b>	<b>11</b>

#### Mathematics Core

Course	Credits
MAT 1560 <a href="#">Numerical Reasoning</a>	4
MAT 2561 <a href="#">Statistical &amp; Algebraic Reasng</a>	4
MAT 3562 <a href="#">Geometric Reasoning</a>	4
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>

#### The Arts Core

Course	Credits
ART 3546 <a href="#">Art Education</a>	3
MUS 3501 <a href="#">Elementary Music Education</a>	3
TRE 3800 <a href="#">Theatre Education</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>

#### Health & Fitness Core

Course	Credits
PES 3510 <a href="#">Teaching Physical Education</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>

#### Natural Sciences Core

Course	Credits
BIO 2569 <a href="#">Introduction to Biology I</a>	3
BIO 2570 <a href="#">Introduction to Biology II</a>	3
PHY 2567 <a href="#">Devlp Concppts Physcl Science I</a>	3
PHY 2568 <a href="#">Devlp Concpnt Physcl Science II</a>	3



<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>Social Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
GEO 1110 <a href="#"><u>World Regional Geography</u></a> (5) POL 1120 <a href="#"><u>American Government &amp; Politics</u></a> (5)	5
PSY 1180 <a href="#"><u>Gen Psych:Individual in Growth</u></a> (5) SOC 1110 <a href="#"><u>Introduction to Sociology</u></a> (5)	5
HIS 2502 <a href="#"><u>The United States to 1876</u></a> (5) HIS 2503 <a href="#"><u>The United States Since 1876</u></a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Lower-Division Required Course</b>	
<b>Course</b>	<b>Credits</b>
CHM 1100 <a href="#"><u>Introduction to Chemistry</u></a> (5) CHM 1211 <a href="#"><u>General Chemistry I</u></a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>EDU or Natural Sciences Capstone Requirement</b>	
<b>Course</b>	<b>Credits</b>
BIO 4899 <a href="#"><u>Natural Sciences Seminar</u></a> (2) CHM 4899 <a href="#"><u>Natural Sciences Capstone Sem</u></a> (2) EDU 4899 <a href="#"><u>Teacher as Person-Capstone</u></a> (2) PHY 4899 <a href="#"><u>Natural Sciences Seminar</u></a> (2)	2
<b>SECTION CREDITS REQUIRED</b>	<b>2</b>
<b>Lower-Division Elective Course (see restrictions below)</b>	
<b>Course</b>	<b>Credits</b>
CHM 1212 <a href="#"><u>General Chemistry II</u></a> (5) CHM 1330 <a href="#"><u>Organic &amp; Biological Chemistry</u></a> (5) HIS 2491 <a href="#"><u>Origins of Western Science</u></a> (5) HIS 2492 <a href="#"><u>Foundations of Modern Science</u></a> (5) PHY 1111 <a href="#"><u>University Scholars Physics</u></a> (5) PHY 1135 <a href="#"><u>Astronomy:Individual &amp; Univers</u></a> (5) PHY 1142 <a href="#"><u>Earth System Science</u></a> (5) PHY 1143 <a href="#"><u>Topics in Global Climate</u></a> (5) PHY 1145 <a href="#"><u>Oceanography</u></a> (5) PHY 1150 <a href="#"><u>Introduction to Geology</u></a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Upper-Division Elective Courses (see restrictions below)</b>	

Course	Credits
BIO 3000 <a href="#">Intro Biological Anthropology</a> (5)	
BIO 3301 <a href="#">Tropical Biology</a> (3-5)	
BIO 3310 <a href="#">Ecology</a> (5)	
BIO 3351 <a href="#">General Microbiology</a> (5)	
BIO 3432 <a href="#">Biodiversity:Vertebrate Biolgy</a> (5)	
BIO 3453 <a href="#">Biodiversity:Plant Ident &amp; Tax</a> (5)	
BIO 3456 <a href="#">Mycology</a> (3)	
BIO 4117 <a href="#">Birds of the Pacific Northwest</a> (5)	
BIO 4615 <a href="#">Issues &amp; Values in Biology</a> (3)	
BIO 4735 <a href="#">Marine Biology</a> (5)	
BIO 4744 <a href="#">Marine Botany</a> (5)	
BIO 4810 <a href="#">Marine Ecology</a> (5)	
BIO 4815 <a href="#">Aquatic Ecology</a> (3)	
BIO 4825 <a href="#">Forest Ecology</a> (5)	
BIO 4835 <a href="#">Conservation Biology</a> (5)	
BIO 4880 <a href="#">Blakely Field Studies</a> (1-5)	
BIO 4978 <a href="#">Biological Research Proposal</a> (1)	
BIO 4979 <a href="#">Biological Research</a> (1-4)	
CHM 3225 <a href="#">Chemical Equilibrium &amp; Analys</a> (5)	
CHM 3228 <a href="#">Electroanalytical Chemistry</a> (2)	
CHM 3229 <a href="#">Analytical Spectroscopy</a> (2)	
CHM 3371 <a href="#">Organic Chemistry I</a> (5)	13
CHM 3372 <a href="#">Organic Chemistry II</a> (5)	
CHM 3373 <a href="#">Organic Chemistry III</a> (5)	
PHY 3010 <a href="#">Contmpary Iss in Physcl Sci Ed</a> (2)	
PHY 4501 <a href="#">Physics:A Process of Inquiry I</a> (5)	
PHY 4502 <a href="#">Physics:Process of Inquiry II</a> (5)	
BIO 4930 <a href="#">Biology Practicum</a> (1-5)	
CHM 4930 <a href="#">Chemstry/Biochmstry Practicum</a> (1-5)	
PHY 4510 <a href="#">Prepare Tchng Physical Science</a> (1-3)	
PHY 4511 <a href="#">Preparatn forTchg UG Mechanics</a> (1-3)	
PHY 4512 <a href="#">Prep Tchq UG Electromagnetism</a> (1-3)	
PHY 4513 <a href="#">Preprtn Tchq UG Waves &amp; Optics</a> (1-3)	
BIO 4899 <a href="#">Natural Sciences Seminar</a> (1)	
CHM 4899 <a href="#">Natural Sciences Capstone Sem</a> (1)	
PHY 4899 <a href="#">Natural Sciences Seminar</a> (1)	
<b>SECTION CREDITS REQUIRED</b>	<b>13</b>
<b>W Course Requirement</b>	
Course	Credits
BIO 3310 <a href="#">Ecology</a> (5)	
BIO 4615 <a href="#">Issues &amp; Values in Biology</a> (3)	3
BIO 4810 <a href="#">Marine Ecology</a> (5)	
BIO 4978 <a href="#">Biological Research Proposal</a> (1)	

PHY 4501 <a href="#">Physics:A Process of Inquiry I</a> (5)	
PHY 4502 <a href="#">Physics:Process of Inquiry II</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Practicum Requirement</b>	
<b>Course</b>	<b>Credits</b>
BIO 4930 <a href="#">Biology Practicum</a> (1-5)	
CHM 4930 <a href="#">Chemstry/Biochmstry Practicum</a> (1-5)	
PHY 4510 <a href="#">Prepare Tchng Physical Science</a> (1-3)	
PHY 4511 <a href="#">Preparatn forTchg UG Mechanics</a> (1-3)	2
PHY 4512 <a href="#">Prep Tchq UG Electromagnetism</a> (1-3)	
PHY 4513 <a href="#">Preprtn Tchq UG Waves &amp; Optics</a> (1-3)	
<b>SECTION CREDITS REQUIRED</b>	<b>2</b>
<b>Restricted electives: At most 8 credits may be chosen from:</b>	
<b>Course</b>	<b>Credits</b>
HIS 2491 <a href="#">Origins of Western Science</a> (5)	
HIS 2492 <a href="#">Foundations of Modern Science</a> (5)	
BIO 3000 <a href="#">Intro Biological Anthropology</a> (5)	
BIO 4615 <a href="#">Issues &amp; Values in Biology</a> (3)	
BIO 4899 <a href="#">Natural Sciences Seminar</a> (1)	
BIO 4930 <a href="#">Biology Practicum</a> (1-5)	
CHM 4899 <a href="#">Natural Sciences Capstone Sem</a> (1)	
CHM 4930 <a href="#">Chemstry/Biochmstry Practicum</a> (1-5)	
PHY 3010 <a href="#">Contmpary Iss in Physcl Sci Ed</a> (2)	0
PHY 4510 <a href="#">Prepare Tchng Physical Science</a> (1-3)	
PHY 4511 <a href="#">Preparatn forTchg UG Mechanics</a> (1-3)	
PHY 4512 <a href="#">Prep Tchq UG Electromagnetism</a> (1-3)	
PHY 4513 <a href="#">Preprtn Tchq UG Waves &amp; Optics</a> (1-3)	
PHY 4899 <a href="#">Natural Sciences Seminar</a> (1)	
<b>SECTION CREDITS REQUIRED</b>	<b>0</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>94</b>

**INTEGRATED STUDIES: SOCIAL SCIENCES CONCENTRATION (B.A.)**

94 Credits Minimum, Including 23 Upper Division (UD)

Suggested Course Sequence**Language Arts Core**

Course	Credits
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	5
COM 1101 <a href="#">Intro to Interpersonal Commun</a> (5)	
COM 1321 <a href="#">Public Speaking</a> (5)	
ENG 3301 <a href="#">Advanced Expository Writing</a>	3
EDRD 3516 <a href="#">Children's Literature</a> (3)	3
EDRD 3517 <a href="#">Young Adult Literature</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>11</b>

**Mathematics Core**

Course	Credits
MAT 1560 <a href="#">Numerical Reasoning</a>	4
MAT 2561 <a href="#">Statistical &amp; Algebraic Reasng</a>	4
MAT 3562 <a href="#">Geometric Reasoning</a>	4
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>

**The Arts Core**

Course	Credits
ART 3546 <a href="#">Art Education</a>	3
MUS 3501 <a href="#">Elementary Music Education</a>	3
TRE 3800 <a href="#">Theatre Education</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>

**Health & Fitness Core**

Course	Credits
PES 3510 <a href="#">Teaching Physical Education</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>

**Natural Sciences Core**

Course	Credits
BIO 2569 <a href="#">Introduction to Biology I</a>	3
BIO 2570 <a href="#">Introduction to Biology II</a>	3
PHY 2567 <a href="#">Devlp Concppts Physcl Science I</a>	3
PHY 2568 <a href="#">Devlp Concpct Physcl Science II</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>

<b>Social Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
GEO 1110 <a href="#"><u>World Regional Geography</u></a>	5
PSY 1180 <a href="#"><u>Gen Psych:Individual in Growth</u></a> (5) SOC 1110 <a href="#"><u>Introduction to Sociology</u></a> (5)	5
HIS 2502 <a href="#"><u>The United States to 1876</u></a> (5) HIS 2503 <a href="#"><u>The United States Since 1876</u></a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Social Sciences Concentration Requirements</b>	
<b>Course</b>	<b>Credits</b>
POL 1120 <a href="#"><u>American Government &amp; Politics</u></a> (5) POL 2464 <a href="#"><u>State &amp; Local Politics</u></a> (5) HIS 2502 <a href="#"><u>The United States to 1876</u></a> (5) HIS 2503 <a href="#"><u>The United States Since 1876</u></a> (5)	5
ANT 2250 <a href="#"><u>Cultural Anthropology</u></a> (5) SOC 1110 <a href="#"><u>Introduction to Sociology</u></a> (5)	5
HIS 3600 <a href="#"><u>History of Pacific Northwest</u></a> (5) HIS 4600 <a href="#"><u>Pacific Northwest Sen Tutorial</u></a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>EDU or Social Sciences Capstone Requirement</b>	
<b>Course</b>	<b>Credits</b>
EDU 4899 <a href="#"><u>Teacher as Person-Capstone</u></a> (2) HIS 4899 <a href="#"><u>History Capstone</u></a> (3) POL 4899 <a href="#"><u>Political Science Capstone</u></a> (3)	2
<b>SECTION CREDITS REQUIRED</b>	<b>2</b>
<b>UD Electives (at least 3 creds each: HIS; POL/GEO; SOC/ANT)</b>	<b>13</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>94</b>

### **INTEGRATED STUDIES: THE ARTS CONCENTRATION (B.A.)**

94 Credits Minimum, Including 23 Upper Division (UD)

#### Suggested Course Sequence

<b>Language Arts Core</b>	
<b>Course</b>	<b>Credits</b>
LIN 2100 <a href="#"><u>Foundations of Language Study</u></a> (5) COM 1101 <a href="#"><u>Intro to Interpersonal Commun</u></a> (5) COM 1321 <a href="#"><u>Public Speaking</u></a> (5)	5

ENG 3301 <u>Advanced Expository Writing</u>	3
EDRD 3516 <u>Children's Literature</u> (3)	3
EDRD 3517 <u>Young Adult Literature</u> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>11</b>
<b>Mathematics Core</b>	
<b>Course</b>	<b>Credits</b>
MAT 1560 <u>Numerical Reasoning</u>	4
MAT 2561 <u>Statistical &amp; Algebraic Reasoning</u>	4
MAT 3562 <u>Geometric Reasoning</u>	4
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>The Arts Core</b>	
<b>Course</b>	<b>Credits</b>
ART 3546 <u>Art Education</u>	3
MUS 3501 <u>Elementary Music Education</u>	3
TRE 3800 <u>Theatre Education</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>
<b>Health &amp; Fitness Core</b>	
<b>Course</b>	<b>Credits</b>
PES 3510 <u>Teaching Physical Education</u>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Natural Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
BIO 2569 <u>Introduction to Biology I</u>	3
BIO 2570 <u>Introduction to Biology II</u>	3
PHY 2567 <u>Develop Concepts Physical Science I</u>	3
PHY 2568 <u>Develop Concept Physical Science II</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>Social Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
GEO 1110 <u>World Regional Geography</u> (5)	5
POL 1120 <u>American Government &amp; Politics</u> (5)	
PSY 1180 <u>Gen Psych: Individual in Growth</u> (5)	5
SOC 1110 <u>Introduction to Sociology</u> (5)	

HIS 2502 <a href="#">The United States to 1876</a> (5)	5
HIS 2503 <a href="#">The United States Since 1876</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>The Arts Concentration Requirements</b>	
<b>Course</b>	<b>Credits</b>
ART 1180 <a href="#">The Visual Arts</a> (5)	10
MUS 1104 <a href="#">Music Theory I</a> (3)	
MUS 1107 <a href="#">Aural Skills I</a> (2)	
TRE 1310 <a href="#">The Actor's Art</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>EDU or The Arts Capstone Requirement</b>	
<b>Course</b>	<b>Credits</b>
ART 4899 <a href="#">Senior Capstone:Visual Communc</a> (3)	2
EDU 4899 <a href="#">Teacher as Person-Capstone</a> (2)	
MUS 4899 <a href="#">Mus.Musician &amp; Religious Exprnc</a> (3)	
TRE 4899 <a href="#">Capstone:Art &amp; Religious Exprnc</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>2</b>
<b>The Arts Electives (Select 18 total credits; at least 12 UD)</b>	
<b>Course</b>	<b>Credits</b>
ART 1102 <a href="#">Drawng Studio:Observtn&amp;Realism</a> (5)	18
ART 2602 <a href="#">West Trad I:Ancient&amp;Medvl Art</a> (5)	
ART 2603 <a href="#">West Trad II:Art since Renssnc</a> (5)	
ART 3605 <a href="#">Topics in Modern Art</a> (5)	
ART 3608 <a href="#">Issues in Contemporary Art</a> (5)	
MUS 2301 <a href="#">Choral Society: Gospel Choir</a> (1)	
MUS 2303 <a href="#">Seattle Pacific Singers</a> (1)	
MUS 2304 <a href="#">Chamber Singers</a> (1)	
MUS 2305 <a href="#">Women's Choir</a> (2)	
MUS 2306 <a href="#">Brass Ensemble</a> (1)	
MUS 2307 <a href="#">Percussion Ensemble</a> (1-2)	
MUS 2308 <a href="#">Woodwind Ensmble (Flute)</a> (1)	
MUS 2311 <a href="#">Jazz Ensemble</a> (2)	
MUS 2312 <a href="#">Men's Choir</a> (2)	
MUS 2313 <a href="#">Vocal Jazz Ensemble</a> (2)	
MUS 2340 <a href="#">Chamber Ensemble</a> (1)	
MUS 2350 <a href="#">Concert Choir</a> (2)	
MUS 2351 <a href="#">Symphonic Wind Ensemble</a> (2)	
MUS 2353 <a href="#">Symphony Orchestra</a> (2)	
MUS 2360 <a href="#">Opera Workshop</a> (1-2)	
MUS 2402 <a href="#">History &amp; Appreciation of Jazz</a> (5)	

MUS 3502	<u>Music in Special Education</u> (3)	
MUS 4301	<u>Choral Society: Gospel Choir</u> (1)	
MUS 4303	<u>Seattle Pacific Singers</u> (1)	
MUS 4304	<u>Chamber Singers</u> (1)	
MUS 4305	<u>Women's Choir</u> (2)	
MUS 4306	<u>Brass Ensemble</u> (1)	
MUS 4307	<u>Percussion Ensemble</u> (1-2)	
MUS 4308	<u>Woodwind Ensmble (Flute)</u> (1)	
MUS 4309	<u>String Ensemble</u> (1)	
MUS 4310	<u>Keyboard Ensemble</u> (1)	
MUS 4311	<u>Jazz Ensemble</u> (2)	
MUS 4312	<u>Men's Choir</u> (2)	
MUS 4313	<u>Vocal Jazz Ensemble</u> (2)	
MUS 4340	<u>Chamber Ensemble</u> (1)	
MUS 4350	<u>Concert Choir</u> (2)	
MUS 4351	<u>Symphonic Wind Ensemble</u> (2)	
MUS 4353	<u>Symphony Orchestra</u> (2)	
MUS 4360	<u>Opera Workshop</u> (1-2)	
MUS 4402	<u>History &amp; Appreciation of Jazz</u> (5)	
TRE 1720	<u>Stagecraft</u> (5)	
TRE 1930	<u>Performance Practicum</u> (2)	
TRE 1931	<u>Production Practicum</u> (2)	
TRE 3710	<u>Play Directing</u> (5)	
TRE 3930	<u>Performance Practicum</u> (2)	
TRE 3931	<u>Production Practicum</u> (2)	
TRE 4760	<u>Playwriting</u> (5)	
TRE 4770	<u>Creative Drama</u> (3)	
TRE 4911	<u>History of the Theatre I</u> (5)	
TRE 4913	<u>History of the Theatre II</u> (5)	
<b>SECTION CREDITS REQUIRED</b>		<b>18</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>94</b>



## LANGUAGES

Marston Hall  
206-281-2036  
[spu.edu/depts/fll](http://spu.edu/depts/fll)

**FACULTY:** [Robert Baah](#), [Kathryn Bartholomew](#), [Michelle Beauclair](#), [Owen Ewald](#), [Katya Nemtchinova](#), [Eric Vogt](#), [Michael Ziemann](#)

*There are doubtless many different languages in the world, and none is without meaning, but if I do not know the meaning of the language, I shall be a foreigner to the speaker and the speaker a foreigner to me. So with yourselves; since you are eager for manifestations of the spirit, strive to excel in building up the church. — 1 Corinthians 14:10–12*

The Department of Foreign Languages and Literatures seeks to help students:

- Understand and appreciate the rich diversity of world languages and cultures, both ancient and modern.
- Be a blessing as a stranger in another land and be hospitable to strangers in one's own land.
- Reach stated levels of language proficiency, as defined by national standards.

### 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 Foreign Languages and Literatures.

It is also recommended that students take advantage of intercultural opportunities including travel for study or missions. Highly capable students are encouraged to take advanced-placement courses and exams if possible.

### Placement Test

All students entering SPU having studied a foreign language are required to take the [online placement exam](#). This exam is for placement purposes only and cannot be used to satisfy the proficiency requirement.

### Majors

There are four departmental degree programs:

- Classics
- European studies, with specializations in French, German, Latin, Russian, Spanish, linguistics, and a general Europe track
- Latin American studies/Spanish
- Linguistics and Cultural studies

All programs emphasize the relationship between culture and language. The European studies majors, the Latin American studies/Spanish major and the Linguistics and Cultural Studies major require participation in an overseas travel/study program, typically in an area where the language of specialization is spoken.

Before graduation, all students majoring in programs involving spoken languages, including those majoring in Linguistics and Cultural Studies, must take a standardized exam, such as the ACTFL

oral proficiency exam, in the language(s) studied. Students in these majors also must write a senior paper and present it in The Symposium (formerly called the European Studies Symposium).

### **Admission to the Majors or Minors**

Applicants for a major or minor within the Department of Foreign Languages and Literatures must have a cumulative GPA of 2.0 or higher in all college work applicable to the B.A. degree and a 2.5 GPA in coursework at SPU in foreign languages and literatures, linguistics, and/or European or Latin American studies, after completing at least 10 credits in the department. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

### **Classics (Student-designed)**

[Classics major](#)

### **European Studies**

The European studies major offers students a B.A. degree with the choice of one of five language programs: [French](#), [German](#), [Latin](#), [Russian](#), and [Spanish](#); of a general-studies program titled [Europe](#); or a program in [linguistics](#).

All programs focus on the language, culture, and literature of Europeans and former European colonies.

Graduates in European studies follow careers in business, missions, travel, government, and education, among other fields. Students must complete all non-credited and language proficiency requirements found on the [languages](#) department page.

All European studies majors must complete satisfactorily the following major requirements:

- 19 credits in European studies courses (base courses).
- Forty credits in one of the seven programs listed above; 25 of these credits must be upper-division; for the language programs a minimum of 18 upper-division credits must be in courses taught in the language.
- One quarter of study in Europe with the SPU European Quarter, or an approved alternative.
- Proficiency in a second European language (other than English) equivalent to one year of college-level language study.

### **Latin American Studies/Spanish**

[Latin American Studies major](#)

### **Linguistics and Cultural Studies**

[Linguistics and Cultural Studies major](#)

### **Minors**

The minimum requirement for minors within the Department of Foreign Languages and Literatures is 33 credits (30 in the case of Linguistics and Cultural Studies), of which a minimum of 15 must be upper division. Students will take a minimum of two courses from the base requirements of the corresponding major.

For spoken languages, a minimum of 7 upper-division credits must be in courses taught in that language. Students should work closely with their faculty advisors to choose appropriate courses. A student must complete the minor requirements in effect at the time the student is admitted to the minor.

## Travel/Study Programs

**Santiago, Chile.** An intensive, three-week, 5-credit study abroad/missions trip hosted at the Fuente de Vida church in Santiago, Chile. Students participate in the ongoing ministry activities of the church, and homestay with local families. The program involves three hours of academic study of Spanish in the morning, three hours of one-on-one Spanish conversation practice with a Chilean native in the afternoon, followed by outreach and ministry-related activities in the evening.

### Europe

European Quarter is held Spring Quarter of odd-numbered years. Sites vary, depending on faculty leadership, but participants meet the expectations of a quarter's study in Europe both academically, earning a minimum of 12 credits, and culturally, through in-depth contact with the language/culture connection.

### Paris, France

The Paris Study program offers students the opportunity to earn 10 credits while immersing themselves in French language and culture. Intensive French courses focus on oral proficiency in common, everyday situations encountered in Paris.

The program includes the study of European civilization using the museums, theaters, and historic sights of the city as our classroom. Students also participate in a weekend excursion outside of Paris.

More information about these programs, and about overseas programs sponsored by the Council for Christian Colleges and Universities (CCCU) can be found at Study Abroad or at Bestsemester.

## EUROPEAN STUDIES: EUROPE

Marston Hall  
206-281-2036  
[spu.edu/depts/fll](http://spu.edu/depts/fll)

**FACULTY:** Robert Baah, Kathryn Bartholomew, Michelle Beauclair, Owen Ewald, Katya Nemtchinov, Eric Vogt, Michael Ziemann

The Department of Foreign Languages and Literatures seeks to help students

- Understand and appreciate the rich diversity of world languages and cultures, both ancient and modern.
- Be a blessing as a stranger in another land and be hospitable to strangers in one's own land.
- Reach stated levels of language proficiency, as defined by national standards.

### Admission to the Major or Minor

Applicants for a major or minor within the Department of Foreign Languages and Literatures must have a cumulative GPA of 2.0 or higher in all college work applicable to the B.A. degree and a 2.5 GPA in 10 credits of coursework at SPU in foreign languages and literatures, linguistics, and/or European or Latin American studies. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

### European Studies: Europe Major

A European Studies/Europe major requires a minimum of 51 credits, which include the 19 base course credits, 5 credits of UCOR 2000/USCH 1112, 17 credits of electives and 10 credits of HIS/POL electives. Of the 51 credits, 25 must be upper division.

Students must complete all non-credited and language proficiency requirements found on the [Languages](#) department page.

### EUROPEAN STUDIES MAJOR: EUROPE PROGRAM

51 Credits Minimum, Including 25 Upper Division (UD)

#### [Suggested Course Sequence](#)

<b>European Studies: Base for all Majors</b>	
<b>Course</b>	<b>Credits</b>
EUR 1110 <a href="#">Heritage of Europe</a> (5)	
EUR 3100 <a href="#">Foundations of European Art</a> (3)	
EUR 3500 <a href="#">European Civilization</a> (5)	16
EUR 4254 <a href="#">Translation</a> (3)	
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>16</b>
<b>Capstone</b>	
<b>Course</b>	<b>Credits</b>
EUR 4899 <a href="#">Contemp Eur Iss &amp; Personalities</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Common Curriculum</b>	
<b>Course</b>	<b>Credits</b>
UCOR 2000 <a href="#">The West and the World</a> (5)	5
USCH 1112 <a href="#">Texts and Contexts II</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Elective Courses: See faculty advisor</b>	<b>17</b>
<b>Elective courses in HIS/POL</b>	<b>10</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>51</b>

#### **Additional Requirements:**

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  
Competency through 1103 required in a second language

## EUROPEAN STUDIES MINOR

33 Credits Minimum, Including 15 Upper Division (UD)

<b>European Studies Minor Core Requirements</b>	
<b>Course</b>	<b>Credits</b>
EUR 3500 <a href="#">European Civilization</a>	5
EUR 4899 <a href="#">Contemp Eur Iss &amp; Personalities</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Other EUR Courses</b>	<b>10</b>
<b>Modern European Language Courses (incl at least 7 UD creds)</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>33</b>

## EUROPEAN STUDIES: FRENCH

Marston Hall  
206-281-2036  
[spu.edu/depts/fll](http://spu.edu/depts/fll)

**FACULTY:** [Robert Baah](#), [Kathryn Bartholomew](#), [Michelle Beauclair](#), [Owen Ewald](#), [Katya Nemtchinova](#), [Eric Vogt](#), [Michael Ziemann](#)

**French Faculty:** Kathryn Bartholomew, Michelle Beauclair

French is one of the most widely studied and widely spoken second languages in the world. It is a primary language of communication in many European organizations, as well as in parts of Western Europe, North and West Africa, and the Caribbean.

Upper-division courses leading to the European Studies major/French include Francophone literatures and cultures; composition and conversation; early and modern French literature; and French arts and cinema, among others. Tutorial programs, internships and independent studies options are also available.

Students seeking the major will take the required European studies base courses in addition to 40 credits in French, 25 of which must be upper-division and 18 of which must be taught in French. Students have the opportunity to complete their study abroad requirement on SPU's study abroad programs: [Paris study abroad program](#) and [European Quarter](#), or on an [approved alternative program](#).

### Admission to the Major or Minor

Applicants for a major or minor within the Department of Foreign Languages and Literatures must have a cumulative GPA of 2.0 or higher in all college work applicable to the B.A. degree and a 2.5 GPA in 10 credits of coursework at SPU in foreign languages and literatures, linguistics, and/or European or Latin American studies. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

### French Program Requirements

Michelle Beauclair, Contact Person

### Requirements for the Major

A European Studies major/French program requires 40 credits, of which 25 must be upper-division, in addition to the 19–21 base course credits and the other major requirements listed above. A minimum of 18 upper-division credits must be in courses taught in French.

Students must complete all non-credited and language proficiency requirements found on the [Languages](#) department page.

### Requirements for the French Studies Minor

The minimum requirement for a minor in French studies is 33 credits, of which a minimum of 15 must be upper division.

Each student who minors in French studies will complete two courses from courses with a European studies prefix and a minimum of 25 credits from the French course offerings. A minimum of 7 upper-division credits must be in courses taught in French.

## EUROPEAN STUDIES MAJOR: FRENCH PROGRAM

59 Credits Minimum, Including 25 Upper Division (UD)

### Suggested Course Sequence

<b>Capstone</b>	
Course	Credits
EUR 4899 <a href="#">Contemp Eur Iss &amp; Personalities</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>European Studies: Base for all Majors</b>	
Course	Credits
EUR 1110 <a href="#">Heritage of Europe</a> (5)	16
EUR 3100 <a href="#">Foundations of European Art</a> (3)	
EUR 3500 <a href="#">European Civilization</a> (5)	
EUR 4254 <a href="#">Translation</a> (3)	
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>16</b>
<b>European Studies French (at least 18 UD taught in French):</b>	
Course	Credits
FRE 1101 <a href="#">Elementary French I</a> (5)	40
FRE 1102 <a href="#">Elementary French II</a> (5)	
FRE 1103 <a href="#">Elementary French III</a> (5)	
FRE 2100 <a href="#">Intermediate French</a> (1-5)	
FRE 2101 <a href="#">Niveau Intermediaire</a> (5)	
FRE 2102 <a href="#">Niveau Intermediaire</a> (5)	
FRE 2103 <a href="#">Niveau Intermediaire</a> (5)	
FRE 3100 <a href="#">Advanced French</a> (1-5)	
FRE 3105 <a href="#">Composition Conversation</a> (5)	
FRE 3205 <a href="#">Topics: Francophone Literature</a> (5)	
FRE 3250 <a href="#">La France et le Monde</a> (3)	
FRE 3260 <a href="#">Les Arts Francais</a> (3)	

FRE 4460 <a href="#">La Lit:Moyen Age au 18e Siecle</a> (3)	
FRE 4461 <a href="#">La Litterature:19e-20e Siecles</a> (3)	
FRE 4900 <a href="#">Independent Study</a> (1-5)	
FRE 4920 <a href="#">Independent Readings in French</a> (1-5)	
FRE 4930 <a href="#">French Tutorial Practicum</a> (1-6)	
FRE 4940 <a href="#">Internship</a> (1-10)	
<b>SECTION CREDITS REQUIRED</b>	<b>40</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>59</b>

<b>Additional Requirements:</b>
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 Competency through 1103 required in a second language

## FRENCH MINOR

33 Credits Minimum, Including 15 Upper Division (UD)

<b>European Studies Courses</b>	
<b>Course</b>	<b>Credits</b>
EUR 1110 <a href="#">Heritage of Europe</a> (5)	
EUR 3100 <a href="#">Foundations of European Art</a> (3)	
EUR 3500 <a href="#">European Civilization</a> (5)	8
EUR 4254 <a href="#">Translation</a> (3)	
EUR 4899 <a href="#">Contemp Eur Iss &amp; Personalities</a> (3)	
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>French courses (including 7-15 UD credits)</b>	<b>25</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>33</b>

## EUROPEAN STUDIES: GERMAN

Marston Hall  
206-281-2036  
[spu.edu/depts/fli](http://spu.edu/depts/fli)

**FACULTY:** [Robert Baah](#), [Kathryn Bartholomew](#), [Michelle Beauclair](#), [Owen Ewald](#), [Katya Nemtchinova](#), [Eric Vogt](#), [Michael Ziemann](#)

**German Faculty:** Michael Ziemann

## German Program Requirements

Michael Ziemann, Contact Person

German is a primary language of communication in all European organizations such as the Council of Europe, the European Parliament, the European Central Bank, EuroCorps, and the European Space Agency, as well as in Germany, Austria, Lichtenstein, and Switzerland. Many religious communities around the globe cherish their German heritage and preserve the language.

Courses leading to a European Studies/German major at SPU include special topics designed for lower-division German language student, including Business German and Culture and Civilization. Upper-division course subjects vary each year and may include 100 Years of German Film, German Women's Literature, as well as a variety of topics in German literatures and cultures. Tutorials, internships, and independent studies options are also available.

### Admission to the Major or Minor

Applicants for a major or minor within the Department of Foreign Languages and Literatures must have a cumulative GPA of 2.0 or higher in all college work applicable to the B.A. degree and a 2.5 GPA in 10 credits of coursework at SPU in foreign languages and literatures, linguistics, and/or European or Latin American studies. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

### Requirements for the Major

Students seeking the major will take the required European studies base courses in addition to 40 credits in German; 25 of which must be upper-division and 18 of which must be taught in German. Students have the opportunity to complete their study-abroad requirement on the [SPU European Quarter](#), or on an [approved alternative program](#).

**Students must complete all non-credited and language proficiency requirements found on the [Languages](#) department page.**

### Requirements for the German Studies Minor

The minimum requirement for a minor in German studies is 33 credits, of which a minimum of 15 must be upper-division. Each student who minors in German studies will complete two courses in courses with a European studies prefix and a minimum of 25 credits from the German course offerings. A minimum of 7 upper-division credits must be in courses taught in German. HIS 1202 Modern Europe (5) can be included in the total credits.

## EUROPEAN STUDIES MAJOR: GERMAN PROGRAM

59 Credits Minimum, Including 25 Upper Division (UD)

### Suggested Course Sequence

European Studies: Base for all Majors	
Course	Credits
EUR 1110 <a href="#">Heritage of Europe</a> (5)	
EUR 3100 <a href="#">Foundations of European Art</a> (3)	
EUR 3500 <a href="#">European Civilization</a> (5)	16
EUR 4254 <a href="#">Translation</a> (3)	
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>16</b>
<b>Capstone</b>	



Course	Credits
EUR 4899 <a href="#">Contemp Eur Iss &amp; Personalities</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>German Courses (At least 18 UD credits taught in German)</b>	
Course	Credits
GER 1100 <a href="#">Elementary German</a> (1-5)	
GER 1101 <a href="#">Elementary German I</a> (5)	
GER 1102 <a href="#">Elementary German II</a> (5)	
GER 1103 <a href="#">Elementary German III</a> (5)	
GER 2100 <a href="#">Intermediate German</a> (1-5)	
GER 2101 <a href="#">Intermediate German I</a> (5)	
GER 2102 <a href="#">Intermediate German II</a> (5)	
GER 2103 <a href="#">Intermediate German III</a> (5)	
GER 3100 <a href="#">Advanced German</a> (1-2)	40
GER 3206 <a href="#">Topics in German Lang &amp; Lit</a> (5)	
GER 3260 <a href="#">German Culture</a> (5)	
GER 4470 <a href="#">Special Studies in German</a> (5)	
GER 4920 <a href="#">Independent Readings</a> (1-5)	
GER 4930 <a href="#">German Tutorial Practicum</a> (1-6)	
GER 4940 <a href="#">Coop Ed:German Internship</a> (1-10)	
<b>SECTION CREDITS REQUIRED</b>	<b>40</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>59</b>

**Additional Requirements:**

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  
 Competency through 1103 required in a second language

**GERMAN STUDIES MINOR**

33 Credits Minimum, Including 15 Upper Division (UD)

**European Studies Courses**

Course	Credits
EUR 1110 <a href="#">Heritage of Europe</a> (5)	
EUR 3100 <a href="#">Foundations of European Art</a> (3)	
EUR 3500 <a href="#">European Civilization</a> (5)	
EUR 4254 <a href="#">Translation</a> (3)	8
EUR 4899 <a href="#">Contemp Eur Iss &amp; Personalities</a> (3)	
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	

<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>German Courses (Including 7-15 UD credits)</b>	<b>25</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>33</b>

## EUROPEAN STUDIES: LATIN

Marston Hall  
206-281-2036  
[spu.edu/depts/fll](http://spu.edu/depts/fll)

**FACULTY:** [Robert Baah](#), [Kathryn Bartholomew](#), [Michelle Beauclair](#), [Owen Ewald](#), [Katya Nemtchinova](#), [Eric Vogt](#), [Michael Ziemann](#)

**Latin Faculty:** Owen Ewald

Latin was the language of Western Europe — its literature, its science, its philosophy, and its theology — for a millennium and a half. Majoring in European studies: Latin brings students back to the ancient roots of Western culture in order to understand how we arrived where we are.

Based on in-depth language study, an [approved study abroad program](#), The Symposium (formerly called the European Studies Symposium) presentation, and the European studies capstone, this major gives insight into the similarities and differences among the Roman Empire, the mediaeval Latin West, and the modern European Union.

### Admission to the Major or Minor

Applicants for a major or minor within the Department of Foreign Languages and Literatures must have a cumulative GPA of 2.0 or higher in all college work applicable to the B.A. degree and a 2.5 GPA in 10 credits of coursework at SPU in foreign languages and literatures, linguistics, and/or European or Latin American studies. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

### Latin Program Requirements

Owen Ewald, Contact Person

### Requirements for the Major

The European Studies/Latin major requires 40 credits, of which 25 must be upper-division, in addition to the 19 base-course credits and the other major requirements listed above. A minimum of 9 credits must be in upper-division Latin readings. CLA 3104, CLA 3170, and CLA 3204 are required and can be included in the total number of credits.

Students must complete all non-credited and language proficiency requirements found on the [Languages](#) department page.

### Requirements for the Latin Studies Minor

The minimum requirement for a minor in Latin\* studies is 33 credits, of which a minimum of 15 must be upper division (e.g., CLA 3204, EUR 3500, LAT 4920). Each student who minors in Latin studies will complete two courses from base requirements for the European Studies major and a minimum of 20 credits from the Latin course offerings.

\*Note: Elementary Latin is taught in alternate years.

## EUROPEAN STUDIES MAJOR: LATIN PROGRAM

59 Credits Minimum, Including 25 Upper Division (UD)

### Suggested Course Sequence

#### European Studies: Base for all Majors

Course	Credits
EUR 1110 <a href="#">Heritage of Europe</a> (5)	
EUR 3100 <a href="#">Foundations of European Art</a> (3)	
EUR 3500 <a href="#">European Civilization</a> (5)	16
EUR 4254 <a href="#">Translation</a> (3)	
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	

**SECTION CREDITS REQUIRED 16**

#### Capstone

Course	Credits
EUR 4899 <a href="#">Contemp Eur Iss &amp; Personalities</a>	3

**SECTION CREDITS REQUIRED 3**

#### Independent Readings (repeatable)

Course	Credits
LAT 4920 <a href="#">Indpdnt Readngs Classical Lat</a>	1-5

**SECTION CREDITS REQUIRED 9**

#### Required Courses:

Course	Credits
CLA 3104 <a href="#">Survey Ancient Greek Lit</a> (5)	
CLA 3170 <a href="#">Classical Civilization</a> (5)	
HIS 3170 <a href="#">Classical Civilization</a> (5)	
CLA 3204 <a href="#">Survey of Classical Latin Lit</a> (5)	
LAT 1101 <a href="#">Elementary Latin I</a> (5)	
LAT 1102 <a href="#">Elementary Latin II</a> (5)	31
LAT 1103 <a href="#">Elementary Latin III</a> (5)	
LAT 2204 <a href="#">Latin Grammar Review</a> (3)	
LAT 4930 <a href="#">Latin Tutorial Practicum</a> (9)	
LAT 4970 <a href="#">Directed Readings &amp; Research</a> (1-5)	

**SECTION CREDITS REQUIRED 31**

**TOTAL CREDITS REQUIRED 59**

#### Additional Requirements:

Foreign Language is required for this major.

See faculty advisor for details.

Competency through 2103 required in one language

An approved study abroad experience  
 Competency through 1103 required in a second language

### LATIN STUDIES MINOR

33 Credits Minimum, Including 15 Upper Division (UD)

#### Two courses from European Studies Base

Course	Credits
EUR 1110 <a href="#">Heritage of Europe</a> (5)	
EUR 3100 <a href="#">Foundations of European Art</a> (3)	
EUR 3500 <a href="#">European Civilization</a> (5)	8
EUR 4899 <a href="#">Contemp Eur Iss &amp; Personalities</a> (3)	
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	

**SECTION CREDITS REQUIRED 8**

#### Latin Courses (including 7-15 UD credits)

Course	Credits
LAT 1101 <a href="#">Elementary Latin I</a> (5)	
LAT 1102 <a href="#">Elementary Latin II</a> (5)	
LAT 1103 <a href="#">Elementary Latin III</a> (5)	
LAT 2204 <a href="#">Latin Grammar Review</a> (3)	
LAT 4920 <a href="#">Indpdnt Readngs Classical Lat</a> (1-5)	25
LAT 4930 <a href="#">Latin Tutorial Practicum</a> (1-6)	
LAT 4970 <a href="#">Directed Readings &amp; Research</a> (1-5)	
CLA 3170 <a href="#">Classical Civilization</a> (5)	
CLA 3204 <a href="#">Survey of Classical Latin Lit</a> (5)	

**SECTION CREDITS REQUIRED 25**

**TOTAL CREDITS REQUIRED 33**

### EUROPEAN STUDIES: LINGUISTICS

Marston Hall  
 206-281-2036  
[spu.edu/depts/fli](http://spu.edu/depts/fli)

**FACULTY:** [Robert Baah](#), [Kathryn Bartholomew](#), [Michelle Beauclair](#), [Owen Ewald](#), [Katya Nemtchinova](#), [Eric Vogt](#), [Michael Ziemann](#)

**Linguistics Faculty:** Kathryn Bartholomew, Katya Nemtchinova, Michael Ziemann

The study of linguistics focuses on the nature of language itself and on human beings as creators and users of language. It explores systems of sound and meaning; phrase and sentence structure; linguistic diversity; both first- and second-language acquisition; and language change over time.

Students of linguistics generally prepare themselves to enter professional fields such as translation, teaching, and linguistic research.

### Admission to the Major or Minor

Applicants for a major or minor within the Department of Foreign Languages and Literatures must have a cumulative GPA of 2.0 or higher in all college work applicable to the B.A. degree and a 2.5 GPA in 10 credits of coursework at SPU in foreign languages and literatures, linguistics, and/or European or Latin American studies. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

### Linguistics Program Requirements

Kathryn Bartholomew, Contact Person

#### Requirements for the Major

Minimum competency through the second-year sequence of a European language is required. Students must complete all non-credited and language proficiency requirements found on the [Languages](#) department page.

#### Requirements for the Minor

#### Linguistics and Cultural Studies

### EUROPEAN STUDIES LINGUISTICS PROGRAM

54 Credits Minimum, Including 25 Upper Division (UD)

#### Suggested Course Sequence

#### European Studies: Base for all Majors

Course	Credits
EUR 1110 <a href="#">Heritage of Europe</a> (5)	
EUR 3100 <a href="#">Foundations of European Art</a> (3)	
EUR 3500 <a href="#">European Civilization</a> (5)	16
EUR 4254 <a href="#">Translation</a> (3)	
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>16</b>

#### Linguistics Capstone

Course	Credits
LIN 4899 <a href="#">Linguistics Capstone Seminar</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>

#### Requirements: Linguistics Major

Course	Credits
CLA 3170 <a href="#">Classical Civilization</a> (5)	
LIN 4145 <a href="#">Phonology</a> (5)	
LIN 4150 <a href="#">Morphology</a> (5)	
LIN 4200 <a href="#">Second Language Acquisition</a> (5)	35
LIN 4300 <a href="#">Historical Linguistics</a> (3)	
LIN 4365 <a href="#">Methods Foreign Lng Tchq</a> (5)	
LIN 4400 <a href="#">Comparative Syntax</a> (3)	

LIN 4410 <a href="#">Syntax</a> (5)	
LIN 4601 <a href="#">History of the English Lang</a> (3)	
LIN 4900 <a href="#">Independent Study</a> (1-5)	
LIN 4920 <a href="#">Directed Readings</a> (1-10)	
LIN 4930 <a href="#">Tutorial Practicum</a> (1-5)	
<b>SECTION CREDITS REQUIRED</b>	<b>35</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>54</b>

<b>Additional Requirements:</b>
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 Competency through 1103 required in a second language

### LINGUISTICS MINOR

33 Credits Minimum, Including 15 Upper Division (UD)

<b>Foundations of Language Study</b>	
Course	Credits
LIN 2100 <a href="#">Foundations of Language Study</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Linguistics Minor Courses</b>	
Course	Credits
LIN 4400 <a href="#">Comparative Syntax</a> (3)	
LIN 4145 <a href="#">Phonology</a> (5)	
LIN 4150 <a href="#">Morphology</a> (5)	
EUR 4254 <a href="#">Translation</a> (3)	28
LIN 4300 <a href="#">Historical Linguistics</a> (3)	
LIN 4365 <a href="#">Methods Foreign Lng Tchg</a> (5)	
LIN 4410 <a href="#">Syntax</a> (5)	
LIN 4601 <a href="#">History of the English Lang</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>28</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>33</b>

## EUROPEAN STUDIES: RUSSIAN

Marston Hall  
206-281-2036  
[spu.edu/depts/fli](http://spu.edu/depts/fli)

**FACULTY:** [Robert Baah](#), [Kathryn Bartholomew](#), [Michelle Beauclair](#), [Owen Ewald](#), [Katya Nemtchinova](#), [Eric Vogt](#), [Michael Ziemann](#)

**Russian Faculty:** Katya Nemtchinova

Russian is the first language of over 150 million people worldwide. It is spoken in Russia, other countries in the former Soviet Union, and in many communities in North America.

Studying Russian language and culture is an intellectually stimulating and enriching experience that can lead to an exciting career in travel, business, commerce, and governmental and non-governmental organizations.

### **Admission to the Major or Minor**

Applicants for a major or minor within the Department of Foreign Languages and Literatures must have a cumulative GPA of 2.0 or higher in all college work applicable to the B.A. degree and a 2.5 GPA in 10 credits of coursework at SPU in foreign languages and literatures, linguistics, and/or European or Latin American studies. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

### **Russian Program Requirements**

Katya Nemtchinova, Contact Person

### **Requirements for the Major**

A major in European Studies/Russian consists of 19 base course credits, HIS 3345 Modern Russia, and 35 credits in Russia. Twenty-five (25) of the total credits in the major must be upper-division. *Beginning and intermediate Russian courses are offered alternate years.*

Students must complete all non-credited and language proficiency requirements found on the [Languages](#) department page. Students are strongly encouraged to participate in an [accredited study abroad program](#) to accumulate the required number of credits and to expand their knowledge of the language and country. A course in modern Russian literature and culture as well as independent-study options are also available.

Since a limited number of courses in Russian are offered each year, majors will need to work closely with the contact person in order to fulfill the required number of credits.

### **Requirements for the Russian Studies Minor**

The minimum requirement for a minor in Russian studies is 33 credits, of which a minimum of 15 must be upper-division. Each student must complete two courses from courses with a European studies prefix and at least 25 credits from the Russian course offerings.

## **EUROPEAN STUDIES MAJOR: RUSSIAN PROGRAM**

59 Credits Minimum, Including 25 Upper Division (UD)

### **Suggested Course Sequence**

<b>European Studies: Base for all Majors</b>
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Course	Credits
EUR 1110 <a href="#">Heritage of Europe</a> (5)	
EUR 3100 <a href="#">Foundations of European Art</a> (3)	
EUR 3500 <a href="#">European Civilization</a> (5)	16
EUR 4254 <a href="#">Translation</a> (3)	
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	

**SECTION CREDITS REQUIRED 16**

### Capstone

Course	Credits
EUR 4899 <a href="#">Contemp Eur Iss &amp; Personalities</a>	3

**SECTION CREDITS REQUIRED 3**

### Russian History

Course	Credits
HIS 3345 <a href="#">Modern Russia</a>	5

**SECTION CREDITS REQUIRED 5**

### Russian Courses

Course	Credits
RUS 2100 <a href="#">Beginning Russian I</a> (5)	
RUS 2105 <a href="#">Beginning Russian II</a> (5)	
RUS 2106 <a href="#">Beginning Russian III</a> (5)	
RUS 2207 <a href="#">Modern Russian Culture thr Lit</a> (5)	
RUS 3100 <a href="#">Intermediate Russian I</a> (5)	35
RUS 3920 <a href="#">Ind Rdngs:Intermediate Russian</a> (5)	
RUS 4920 <a href="#">Ind Rdngs:Advanced Russian</a> (1-5)	
RUS 4930 <a href="#">Russian:Tutorial Practicum</a> (1-6)	
RUS 4940 <a href="#">Coop Ed:Russian Internship</a> (1-10)	

**SECTION CREDITS REQUIRED 35**

**TOTAL CREDITS REQUIRED 59**

### Additional Requirements:

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  
 Competency through 1103 required in a second language



**RUSSIAN STUDIES MINOR**

33 Credits Minimum, Including 15 Upper Division (UD)

**European Studies Courses**

Course	Credits
EUR 1110 <a href="#">Heritage of Europe</a> (5)	
EUR 3100 <a href="#">Foundations of European Art</a> (3)	
EUR 3500 <a href="#">European Civilization</a> (5)	
EUR 4254 <a href="#">Translation</a> (3)	8
EUR 4899 <a href="#">Contemp Eur Iss &amp; Personalities</a> (3)	
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	

**SECTION CREDITS REQUIRED 8****Russian Studies Minor (at least 7 UD, to reach 15 total UD)**

Course	Credits
RUS 1100 <a href="#">Elementary Russian</a> (1-2)	
RUS 2100 <a href="#">Beginning Russian I</a> (5)	
RUS 2105 <a href="#">Beginning Russian II</a> (5)	
RUS 2106 <a href="#">Beginning Russian III</a> (5)	
RUS 2207 <a href="#">Modern Russian Culture thr Lit</a> (5)	
RUS 3000 <a href="#">Russian Language Study: Inter.</a> (6,9)	
RUS 3100 <a href="#">Intermediate Russian I</a> (5)	25
RUS 3101 <a href="#">Advanced Russian</a> (1-2)	
RUS 3920 <a href="#">Ind Rdngs:Intermediate Russian</a> (1-5)	
RUS 4900 <a href="#">Independent Study</a> (1-5)	
RUS 4920 <a href="#">Ind Rdngs:Advanced Russian</a> (1-5)	
RUS 4930 <a href="#">Russian:Tutorial Practicum</a> (1-6)	
RUS 4940 <a href="#">Coop Ed:Russian Internship</a> (1-10)	

**SECTION CREDITS REQUIRED 25****TOTAL CREDITS REQUIRED 33**

## EUROPEAN STUDIES: SPANISH

Marston Hall  
206-281-2036  
[spu.edu/depts/fli](http://spu.edu/depts/fli)

**FACULTY:** [Robert Baah](#), [Kathryn Bartholomew](#), [Michelle Beauclair](#), [Owen Ewald](#), [Katya Nemtchinova](#), [Eric Vogt](#), [Michael Ziemann](#)

**Spanish Faculty:** Robert Baah, Eric Vogt

**Robert Baah**, Contact Person

### Spanish Program Requirements

In support of the SPU mission to cultivate graduates of competence and character, the European Studies: Spanish major and minor programs seek to further the linguistic and cultural competence of our students by affording them stimulating and demanding opportunities in classroom settings and overseas.

The European studies option focuses on Spain as a member of the European community, its history, culture, and literature. Among many goals of this option is that of enabling students to discern issues surrounding Europe's role in the modern world and hence become responsible citizens of our country where European-U.S. relations are concerned.

### Admission to the Major or Minor

Applicants for a major or minor within the Department of Foreign Languages and Literatures must have a cumulative GPA of 2.0 or higher in all college work applicable to the B.A. degree and a 2.5 GPA in 10 credits of coursework at SPU in foreign languages and literatures, linguistics, and/or European or Latin American studies. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

### Requirements for the Major

A European Studies/Spanish major requires 40 credits, of which 25 must be upper-division, in addition to the 19 base-course credits and the other major requirements listed above. A minimum of 18 upper-division credits must be in courses taught in Spanish.

Courses in the history of the Hispanic world, HIS 3750 Latin America (5), and HIS 3331 History of Spain and Portugal (5) are required and can be included in the total credits. Students must complete all non-credited and language proficiency requirements found on the [Languages](#) department page.

### Requirements for the Spanish Studies Minor

The minimum requirement for a minor in Spanish studies is 33 credits, of which a minimum of 15 must be upper-division.

Each student who minors in Spanish studies will complete two courses from courses with a European studies prefix or HIS 3331 and HIS 3750 and a minimum of 25 credits from the Spanish course offerings. A minimum of 7 upper-division credits must be in courses taught in Spanish.

## EUROPEAN STUDIES MAJOR: SPANISH PROGRAM

59 Credits Minimum, Including 25 Upper Division (UD)

### Suggested Course Sequence

<b>European Studies: Base for all Majors</b>
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Course	Credits
EUR 1110 <a href="#">Heritage of Europe</a> (5)	
EUR 3100 <a href="#">Foundations of European Art</a> (3)	
EUR 3500 <a href="#">European Civilization</a> (5)	16
EUR 4254 <a href="#">Translation</a> (3)	
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	

<b>SECTION CREDITS REQUIRED</b>	<b>16</b>
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### Capstone

Course	Credits
EUR 4899 <a href="#">Contemp Eur Iss &amp; Personalities</a>	3

<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
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### Spanish History

Course	Credits
HIS 3750 <a href="#">Latin America</a>	5
HIS 3331 <a href="#">History of Spain &amp; Portugal</a>	5

<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
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### Spanish Courses (including 18 UD taught in Spanish)

Course	Credits
SPN 1101 <a href="#">Elementary Spanish I</a> (5)	
SPN 1102 <a href="#">Elementary Spanish II</a> (5)	
SPN 1103 <a href="#">Elementary Spanish III</a> (5)	
SPN 2101 <a href="#">Intermediate Spanish I</a> (5)	
SPN 2102 <a href="#">Intermediate Spanish II</a> (5)	
SPN 2103 <a href="#">Intermediate Spanish III</a> (5)	
SPN 3101 <a href="#">Advanced Spanish</a> (3)	
SPN 3110 <a href="#">Composicion y conversacion</a> (3)	30
SPN 3120 <a href="#">Civilizacion y Cultura</a> (3)	
SPN 4105 <a href="#">Literature Survey:Golden Age</a> (3)	
SPN 4401 <a href="#">Topics in Spanish Literature</a> (3,5)	
SPN 4501 <a href="#">Topics in Latin American Lit</a> (3,5)	
SPN 4920 <a href="#">Independent Readings Spanish</a> (1-5)	
SPN 4930 <a href="#">Spanish Tutorial Practicum</a> (1-6)	
SPN 4940 <a href="#">Internship</a> (1-10)	

<b>SECTION CREDITS REQUIRED</b>	<b>30</b>
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<b>TOTAL CREDITS REQUIRED</b>	<b>59</b>
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### Additional Requirements:

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  
 Competency through 1103 required in a second language

### SPANISH STUDIES MINOR

33 Credits Minimum, Including 15 Upper Division (UD)

Base Courses	
Course	Credits
EUR 1110 <a href="#">Heritage of Europe</a> (5)	
EUR 3100 <a href="#">Foundations of European Art</a> (3)	
EUR 3500 <a href="#">European Civilization</a> (5)	
EUR 4254 <a href="#">Translation</a> (3)	
EUR 4899 <a href="#">Contemp Eur Iss &amp; Personalities</a> (3)	8
HIS 3331 <a href="#">History of Spain &amp; Portugal</a> (5)	
HIS 3750 <a href="#">Latin America</a> (5)	
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Spanish Courses Required (at least 7 UD, to reach 15 total)</b>	<b>25</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>33</b>

#### COURSE DESCRIPTIONS:

[EUR 1110](#) | [EUR 3000](#) | [EUR 3100](#) | [EUR 3287](#) | [EUR 3500](#) | [EUR 3950](#) | [EUR 4254](#) | [EUR 4899](#) | [EUR 4900](#) | [EUR 4920](#) | [EUR 4921](#) | [EUR 4930](#) | [EUR 4950](#) | [EUR 4951](#) | [VIEW ALL](#)

#### EUR 1110: Heritage of Europe (5) [Offerings](#)

Introduction to the culture of Europe through literature; themes of family, community, heroism, beliefs and values, and women's roles will be examined chronologically from the classical to the modern periods.

*Attributes: Arts and Humanities B*

#### EUR 3000: European Quarter Orientation (1) [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.

Attributes: *Upper-Division*

**EUR 3100: Foundations of European Art (3) [Offerings](#)**

Provides a brief survey of major periods in European art and architecture beginning with significant works from the Paleolithic period and progressing through the 21st century. It is specifically oriented toward students intending to travel in Europe.

Attributes: *Arts and Humanities A, Upper-Division*

**EUR 3287: Mythology in Literature (5) [Offerings](#)**

Studies mythological traditions from the Near Eastern world through the classical Mediterranean to Europe, as well as material from Asia. Emphasis on mythic themes especially significant for European literature.

Attributes: *Arts and Humanities B, Upper-Division, Writing "W" Course*

**EUR 3500: European Civilization (5) [Offerings](#)**

Prerequisite: EUR 3000. Offered in Europe. Provides a cultural investigation of Europe and an on-site practicum. This course examines contemporary Europe as part of the European Quarter abroad, with special attention to a Christian perspective on the historical growth of European cultures. The language skills acquired by students are demonstrated in intensive programs of living and travel.

Attributes: *Arts and Humanities B, Upper-Division*

**EUR 3950: European Special Topics (1-5) [Offerings](#)**

Focuses on different topics relating to the languages and cultures of Europe. Every other year, the course topic will focus on women from German-speaking countries who were unique, influential, and (to a degree) accepted for their gifts by their male dominated society and period of history. Taught in English. See women's studies minor. All other topics to be announced in the Online Time Schedule. May be repeated for credit up to 10 credits.

Attributes: *Upper-Division*

**EUR 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*

**EUR 4899: Contemp Eur Iss & Personalities (3) [Offerings](#)**

The heritage of Europe will be the framework within which contemporary European issues and personalities will be interpreted. A key component of the class is the research project that will relate to the student's language concentration and special interests. This course is designed to meet the requirements as a Senior Capstone course in European Studies.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman, Sophomore students are excluded.*

**EUR 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*

**EUR 4920: Directed Readings & Research (1-5) [Offerings](#)**

Directed Readings & Research May be repeated for credit up to 10 credits.

Attributes: *Upper-Division*

**EUR 4921: Directed Readings & Research (1-5) [Offerings](#)**

Taught in Europe only.

Attributes: *Upper-Division*

**EUR 4930: Tutorial Practicum (1-5) [Offerings](#)**

For advanced students who wish to assist as discussion leaders and graders in courses under the heading of European studies. May be repeated for credit up to 5 credits.

Attributes: *Upper-Division*

**EUR 4950: Special Topics (1-5) [Offerings](#)**

Focuses on different topics relating to the languages and cultures of Europe. Topics to be announced in the Online Time Schedule. May be repeated for credit up to 10 credits.

Attributes: *Upper-Division*

**EUR 4951: Special Topics (1-5) [Offerings](#)**

Focuses on different topics relating to the languages and cultures of Europe. Taught in Europe only. May be repeated for credit up to 5 credits.

Attributes: *Upper-Division*

**COURSE DESCRIPTIONS:**

[FRE 1100](#) | [FRE 1101](#) | [FRE 1102](#) | [FRE 1103](#) | [FRE 1501](#) | [FRE 1502](#) | [FRE 1503](#) | [FRE 1504](#) | [FRE 2100](#) | [FRE 2101](#) | [FRE 2102](#) | [FRE 2103](#) | [FRE 2501](#) | [FRE 2502](#) | [FRE 3100](#) | [FRE 3105](#) | [FRE 3205](#) | [FRE 3250](#) | [FRE 3260](#) | [FRE 4460](#) | [FRE 4461](#) | [FRE 4900](#) | [FRE 4920](#) | [FRE 4930](#) | [FRE 4940](#) | **[VIEW ALL](#)**

**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](#)**

Prerequisite: FRE 1101 or permission of instructor. 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 1103: Elementary French III (5) [Offerings](#)**

Prerequisite: FRE 1102 or permission of instructor. 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 1501: French I (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. By the end of this course, the student will be able to function minimally in French. Classes are conducted in French; grammatical and cultural notes may be clarified in English. Extensive practice is provided in using proper stress, the nasal vowels, and other pronunciation skills important to proficient speech. Emphasis is placed on French phonics for pronunciation as well as for spelling. Participants will learn to conjugate regular (and some irregular) verbs in the present tense, tell time, count to 1,000,000, use a calendar, and read for information. Participants will also learn to converse in a variety of situations including greeting people and making introductions, exchanging personal information and directions, asking questions, using transportation, giving descriptions, and discussing various recreational activities. Course readings focus on French lifestyles and locales.

**FRE 1502: French II (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. This course begins with a



review of the material covered in French I. This level is appropriate for a person who has been away from the language for awhile, but has retained basic grammar, vocabulary, and fluency. Grammar introduced at this level includes introduction of several irregular verbs, the immediate future, relative pronouns, adverbs, the names of body parts, and negation. Emphasis is placed on vocabulary acquisition including idiomatic expressions. By the end of this level, participants have expanded self-expression and are able to discuss such topics as climate and geography, recreational pursuits, personal lifestyles and opinions, and to handle numerical computations. In addition, participants will be able to read simple newspaper and magazine articles and to write at a similar level of ability.

**FRE 1503: French III (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. This course continues the study of basic grammar including direct and indirect objects, pronouns, the 'passe' compose', the imperfect, imperatives and reflexive verbs, irregular verbs, and expressions of quantity. Vocabulary, idiomatic expressions, and expressions of time continue to be emphasized. By the end of this level, participants can expect to handle many conversational situations including ordering food and shopping. The course also covers such topics as French etiquette, fashion, sports, health, professions, and the ability to give orders, suggestions, and advice. A unit on Quebec and the French presence in North America is also presented.

**FRE 1504: French IV (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. At this level, French grammar studied includes comparison of the 'passe' compose' and the imperfect, the pronouns y and en, indefinite pronouns, specific uses of imperatives, and forms of negation. Participants also continue to develop vocabulary and to perfect fluency in conversational situations. Discussions and readings focus on storytelling, French culture, common superstitions in France, and French-speaking Africa.

**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](#)**

Prerequisite: FRE 1103 or equivalent (i.e., three years of French in high school). 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: *Arts and Humanities B*

**FRE 2102: Niveau Intermediaire (5) [Offerings](#)**

Prerequisite: FRE 1103 or 2101, or permission of instructor. 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.

Attributes: *Arts and Humanities B*

**FRE 2103: Niveau Intermediaire (5) [Offerings](#)**

Prerequisite: FRE 1103 or equivalent (i.e., three years of French in high school). 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.

Attributes: *Arts and Humanities B*

**FRE 2501: French V (4) [Offerings](#)**

This course begins with a brief review of material covered in previous levels, then introduces the pronouns y and en, adverbs, the word order with multiple pronoun use, stress pronouns, pronominal verbs, some irregular verbs, and the conjugation of verbs in the future tense. Vocabulary includes a focus on the work place and daily life.

**FRE 2502: French VI (4) [Offerings](#)**

At this level, the student is introduced to relative pronouns, the comparative and superlative forms, interrogative pronouns, the conditional and subjunctive moods, indefinite adjectives and pronouns, and a few more irregular verbs. Vocabulary focuses on leisure activities, expressing opinions, and suggesting

and giving advice.

**FRE 3100: Advanced French (1-5) [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: Composition Conversation (5) [Offerings](#)**

Focuses on writing as a process through compositions of various types (e.g., description, narration, summary, and argumentative essay, and communication for debate and presentations). Uses French as the language for research, lecture, and discussion. Offered alternate years. May be repeated for credit 1 time.

*[Attributes:](#) Arts and Humanities B, Upper-Division*

**FRE 3205: Topics: 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. Offered alternate years. May be repeated for credit 1 time.

*[Attributes:](#) Arts and Humanities B, Upper-Division*

**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. Offered alternate years. May be repeated for credit 1 time.

*[Attributes:](#) Upper-Division*

**FRE 3260: Les Arts Francais (3) [Offerings](#)**

Explores painting, sculpture, architecture, music, theater or cinema in France with the intent of bringing out the interaction of these arts with each other,

history, and language. Uses French as the language for research, lecture, and discussion. Offered alternate years. May be repeated for credit 1 time.

Attributes: *Upper-Division*

**FRE 4460: La Lit: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. Offered alternate years. May be repeated for credit 1 time.

Attributes: *Upper-Division, Writing "W" Course*

**FRE 4461: La Litterature:19e-20e Siecles (3) [Offerings](#)**

Examines important works by French authors of the 19th and 20th 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. Offered alternate years. May be repeated for credit 1 time.

Attributes: *Upper-Division*

**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 6 credits.

Attributes: *Upper-Division*

**FRE 4940: 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*

**COURSE DESCRIPTIONS:**

[GER 1100](#) | [GER 1101](#) | [GER 1102](#) | [GER 1103](#) | [GER 1501](#) | [GER 1502](#) | [GER 1503](#) | [GER 1504](#) | [GER 2100](#) | [GER 2101](#) | [GER 2102](#) | [GER 2103](#) | [GER 2501](#) | [GER 2502](#) | [GER 3100](#) | [GER 3206](#) | [GER 3260](#) | [GER 4470](#) | [GER 4900](#) | [GER 4920](#) | [GER 4930](#) | [GER 4940](#) | [VIEW ALL](#)

**GER 1100: Elementary German (1-5) [Offerings](#)**

European Quarter. Designed for students who have never studied German, this course will focus on vocabulary and structures needed for basic communication.

**GER 1101: Elementary German I (5) [Offerings](#)**

Builds proficiency in the four basic skills: understanding, speaking, reading, and writing in the German language. Investigates German culture and its relationship to the language.

Attributes: *Foreign Language Comp*

**GER 1102: Elementary German II (5) [Offerings](#)**

Prerequisite: GER 1101 or permission of instructor. Builds proficiency in the four basic skills: understanding, speaking, reading, and writing in the German language. Investigates German culture and its relationship to the language.

Attributes: Foreign Language Comp

**GER 1103: Elementary German III (5) [Offerings](#)**

Prerequisite: GER 1102 or permission of instructor. Builds proficiency in the four basic skills: understanding, speaking, reading, and writing in the German language. Investigates German culture and its relationship to the language.

Attributes: Foreign Language Comp

**GER 1501: German I (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. By the end of this course, participants will be able to function minimally in German. Material taught includes the German sound system and basic word order in statements and questions. Vocabulary includes common idiomatic expressions, regular verbs, and some irregular verbs in the present tense. Singular and plural nouns are introduced in the nominative and accusative cases. Several prepositions taking the accusative case are also introduced. Learning situations involve getting to know people, learning where they live, discussing their hobbies and interests, as well as describing personal characteristics. By the end of this level, students will be able to make formal and informal greetings and introductions, ask for and give information, use the phone, count, give the day, month or date, talk about family and friends, give descriptions of people, use common expression of feeling and make small talk. Cultural information is given about living and studying in Germany.

**GER 1502: German II (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. This course begins with a review of the essential structures presented in German I. It is a good place to start for a person who has been away from the language for awhile, but who already has some basics in grammar. Material covered in the level includes prepositions and verbs with the accusative and dative, pronouns in these cases, modals, and separable and irregular verbs in the present tense. Participants will learn to make requests and recommendations, and give instructions, advice or commands. By the end of this level, students will be able to talk about their favorite activities and daily routine. They will also be able to schedule appointments and extend invitations. In addition, they will learn about German foods and clothing and the stores in which you can buy them. German holidays will also be discussed.

**GER 1503: German III (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. In this class, students learn the simple past of the verbs "to be", "to have" and the modal verbs, as well as the forms of the present perfect tense as they are used to talk about events in the past. They will learn to ask for and give directions to places in a city using two-way prepositions, and to form compound sentences using coordinating conjunctions. By the ends of this level, participants will be able to discuss different types of sports and leisure activities, to describe the weather and the seasons in various places, and to tell small anecdotes and short stories. They will also be able to identify various types of eating and drinking establishments found in German-speaking countries and to order food and drink from a menu in a German restaurant.

**GER 1504: German IV (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. This course begins with a brief review of the material presented in previous levels and moves on to new structures, such as compound sentences using subordinating conjunctions, reflexive pronouns, the genitive case and attribute adjectives. Participants will learn to name parts of the human body and some common illnesses, and to describe how they feel when they are sick. They will be able to handle a visit to a doctor's office and to discuss fitness and health. Students will also learn to describe types of lodging and to book a hotel room, as well as check in to and out of one. They will be able to comprehend more complex, authentic texts on various topics, including descriptions of cities and public places.

**GER 2100: Intermediate German (1-5) [Offerings](#)**

European Quarter. Designed for students having studied some German, this course continues the study of vocabulary and structures needed for basic communication.

**GER 2101: Intermediate German I (5) [Offerings](#)**

Prerequisite: GER 1103 or equivalent (i.e., three years of German in high school). Investigates the practical aspects of German for everyday use. Includes review of German language structure supporting the readings.

Attributes: *Arts and Humanities B*

**GER 2102: Intermediate German II (5) [Offerings](#)**

Prerequisite: GER 1103 or equivalent (i.e., three years of German in high school). Investigates the practical applications of German for professional use. Includes review of German language structure supporting the readings. Not taught every year.

Attributes: *Arts and Humanities B*

**GER 2103: Intermediate German III (5) [Offerings](#)**

Prerequisite: GER 1103 or equivalent (i.e., three years of German in high school). Focuses on the linguistic and cultural knowledge necessary for conducting business in German-speaking environments. Includes review of German language structure supporting the readings. Not taught every year.

Attributes: *Arts and Humanities B*

**GER 2501: German V (4) [Offerings](#)**

Builds intermediate-level skills for communication in German through grammar, listening, speaking and written exercises through the use of authentic cultural materials and communicative exercises. Please note: This course is not available for financial aid at Seattle Pacific.

**GER 2502: German VI (4) [Offerings](#)**

Builds intermediate-level skills for communication in German through grammar, listening, speaking and written exercises through the use of authentic cultural materials and communicative exercises. Please note: This course is not available for financial aid at Seattle Pacific.

**GER 3100: Advanced German (1-2) [Offerings](#)**

European Quarter. May be repeated for credit up to 2 credits.

Attributes: *Upper-Division*



**GER 3206: Tops in German Lang & Lit:Film (3-5) [Offerings](#)**

Considers themes in German language and literature illustrated in works chosen from different genres and periods. May be repeated for credit 1 time.

*[Attributes:](#) Arts and Humanities B, Upper-Division*

**GER 3260: German Culture (3,5) [Offerings](#)**

Explores painting, sculpture, architecture, music, theater, and film in Germany with the intention of bringing out the interaction of these arts with each other, history, and language. Taught in English but students specializing in the German program or working on a German minor will do some reading and writing assignments in German. Sessions for speaking in German will also be scheduled. Not taught every year. May be repeated for credit 1 time.

*[Attributes:](#) Upper-Division*

**GER 4470: Special Studies in German (5) [Offerings](#)**

Focuses on different topics relating to the language and culture of Germany. Taught in English but students specializing in the German program or working on a German minor will do some reading and writing assignments in German. Sessions for speaking in German will also be scheduled. Not taught every year. May be repeated for credit 1 time.

*[Attributes:](#) Upper-Division*

**GER 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*

**GER 4920: Independent Readings (1-5) [Offerings](#)**

Independent Readings May be repeated for credit up to 10 credits.

Attributes: *Upper-Division*

**GER 4930: German Tutorial Practicum (1-6) [Offerings](#)**

For advanced students who wish to assist as discussion leaders and readers in 1000-level German classes. May be repeated for credit up to 6 credits.

Attributes: *Upper-Division*

**GER 4940: Coop Ed:German Internship (1-10) [Offerings](#)**

Applies the skills needed to communicate in German 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*

**COURSE DESCRIPTIONS:**

[LAT 1101](#) | [LAT 1102](#) | [LAT 1103](#) | [LAT 2204](#) | [LAT 4900](#) | [LAT 4920](#) | [LAT 4930](#) | [LAT 4940](#) | [LAT 4950](#) | [LAT 4970](#) | [VIEW ALL](#)

**LAT 1101: Elementary Latin I (5) [Offerings](#)**

Studies the essentials of classical Latin grammar to build comprehension in reading and writing elementary Latin. The LAT 1101, 1102, and 1103 sequence is offered alternate years.

Attributes: *Foreign Language Comp*

**LAT 1102: Elementary Latin II (5) [Offerings](#)**

Prerequisite: LAT 1101 or permission of instructor. Continues the study in the essentials of classical Latin grammar and syntax.

Attributes: *Foreign Language Comp*

**LAT 1103: Elementary Latin III (5) [Offerings](#)**

Prerequisite: LAT 1102 or permission of instructor. Continues the study of classical Latin through reading to provide a basis for future work in the language; emphasizes translation.

*[Attributes:](#) Foreign Language Comp*

**LAT 2204: Latin Grammar Review (3) [Offerings](#)**

Prerequisite: LAT 1103 or permission of instructor. Provides intensive review of composition and syntax necessary for all advanced work in Latin. Offered alternate years.

**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: Celsus- IS (1-5) [Offerings](#)**

**LAT 4920: Indpdnt Readngs Classical Lat (1-5) [Offerings](#)**

Prerequisite: LAT 2204. May be repeated for credit up to 45 credits.

*[Attributes:](#) Arts and Humanities B, Upper-Division*

**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

**LAT 4970: Directed Readings & Research (1-5)** [Offerings](#)

Prerequisite: LAT 4920. May be repeated for credit up to 10 credits.

Attributes: *Upper-Division*

#### **COURSE DESCRIPTIONS:**

[RUS 1100](#) | [RUS 2000](#) | [RUS 2100](#) | [RUS 2105](#) | [RUS 2106](#) | [RUS 2207](#) | [RUS 2501](#) | [RUS 2502](#) | [RUS 2503](#) | [RUS 2504](#) | [RUS 2505](#) | [RUS 2506](#) | [RUS 3000](#) | [RUS 3100](#) | [RUS 3101](#) | [RUS 3200](#) | [RUS 3300](#) | [RUS 3920](#) | [RUS 4000](#) | [RUS 4900](#) | [RUS 4920](#) | [RUS 4930](#) | [RUS 4940](#) | [VIEW ALL](#)

**RUS 1100: Elementary Russian (1-2)** [Offerings](#)

Study Abroad only.

**RUS 2000: Russian Language Study: Elem. (6,9)** [Offerings](#)

Study Abroad only.

Restrictions: *Freshman, Non-Matriculated students are excluded.*

**RUS 2100: Beginning Russian I (5)** [Offerings](#)

Builds proficiency in four basic skills: understanding, speaking, reading, and writing in the Russian language. Investigates Russian culture and its relationship to the language, as well as the Slavic culture in general. This course is on a first-year level. Offered alternate years.

Attributes: *Foreign Language Comp*

**RUS 2105: Beginning Russian II (5) [Offerings](#)**

Prerequisite: RUS 2100 or permission of instructor. Provides continued practice in reading, writing, understanding, and speaking Russian. This course continues the first-year level. Offered alternate years.

Attributes: *Foreign Language Comp*

**RUS 2106: Beginning Russian III (5) [Offerings](#)**

Prerequisite: RUS 2105 or permission of instructor. A review of Russian pronunciation and grammar, with an emphasis on vocabulary building through reading Russian texts. This course completes the first-year level. Offered alternate years.

Attributes: *Foreign Language Comp*

**RUS 2207: Modern Russian Culture thr Lit (5) [Offerings](#)**

Focuses on Russian culture as seen through the works of such Russian writers as Mikhail Bulgakov, Viktor Pelevin, Ljudmila Petrushevskaya, and Tatyana Tolstaja. Taught in English with readings in Russian for students specializing in the Russian program or working on a Russian minor. Offered alternate years.

Attributes: *Arts and Humanities B*

**RUS 2501: Russian I (2-4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. This course begins with an introduction to the Slavic languages and their differentiation from the Germanic languages. Participants learn the Cyrillic alphabet along with Russian pronunciation and intonation. Formal and informal forms of address are introduced as well. Every lesson contains dialogues, followed by drills aimed at activating set expressions and conversational patterns which occur in the dialogues. Practical contexts are provided in which to introduce basic grammar, nouns and their gender, pronouns, prepositional cases and the conjugation of verbs in the present tense. By the end of this course, participants will have acquired a sufficient working vocabulary to give and receive polite greetings, to

ask and answer simple questions, and to respond to simple interrogative and descriptive statements regarding such topics as family life and work. Simple telephone conversations are also included.

**RUS 2502: Russian II (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. Participants in this course review and solidify the material learned in Russian I and continue to build their working knowledge of the language as it is used in everyday situations. Vocabulary development is emphasized. Structurally, material covered includes conjugation of verbs, questions about location and direction, adjective endings in the nominative case, the accusative case of personal and interrogative pronouns, past tense, the accusative case of nouns and adjectives derived from nouns. Topics covered in this level are home, understanding Russian, one's daily routine, the weekend and discussing one's favorite television program and newspaper.

**RUS 2503: Russian III (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. At this level, participants become proficient enough in Russian to be able to communicate with others about such topics as schedules, shopping, meeting people and cooking. Structurally the accusative case of special modifiers, the dative case of pronouns and indirect objects, and imperfective future are introduced. Imperfective and perfective verb stems and the future tense are also studied. By the end of this term students will be able to read short stories and write descriptive letters, stories and essays.

**RUS 2504: Russian IV (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. This course reviews grammar presented in previous levels and introduces prepositional case forms of special modifiers and the dative case of nouns. Indirect speech, impersonal constructions, the prepositional case of personal and interrogative pronouns, and special modifiers are also studied. During this course participants further develop their facility in discussing recreational and cultural interests and events, particularly those related to popular Russian culture. Famous Russian artists and writers are discussed. Vocabulary development also continues to focus on both spoken and written contexts.

**RUS 2505: Russian V (4) [Offerings](#)**

Begins with some review and then moves on to study prepositional singular adjective endings, multidirectional and unidirectional verbs of motion, formation, and use of the imperative, indirect command and forms and impersonal command constructions, the dative case of modifiers and the superlative of adjectives. Discusses themes throughout the course including common recreational interests in Russia and the system of education in Russia. Participants will also be able to form Russian names and patronymics.

**RUS 2506: Russian VI (4) [Offerings](#)**

Works with the genitive case and how it is used for personal and interrogative pronouns and nouns. Also studies the instrumental case of personal and interrogative pronouns and time expressions; modal verbs; prepositions of direction, location; reflexive pronouns and expressions of time. By the end of the course, participants will be able to purchase items in any kind of venue, make reservations for theatre events, talk with a doctor about their illness (in a general way) and what they can do to recover.

**RUS 3000: Russian Language Study: Inter. (6,9) [Offerings](#)**

Study Abroad only.

Attributes: *Upper-Division* Restrictions: *Freshman, Non-Matriculated students are excluded.*

**RUS 3100: Intermediate Russian I (5) [Offerings](#)**

Prerequisite: RUS 2106 or permission of instructor. A review of the Russian case system and word growth through literary texts and multimedia materials. Offered alternate years.

Attributes: *Arts and Humanities B, Upper-Division*

**RUS 3101: Advanced Russian (1-2) [Offerings](#)**

Study Abroad only.

Attributes: *Upper-Division*

**RUS 3200: Intermediate Russian II (5) [Offerings](#)**

Prerequisite: RUS 3100 or permission of instructor. This course continue the second-year level, but with more emphasis on conversation and grammar. Offered alternate years.

Attributes: *Arts and Humanities B, Upper-Division*

**RUS 3300: Intermediate Russian III (5) [Offerings](#)**

Prerequisite: RUS 3100. This course continues the second-year level, but with emphasis on conversation and grammar. Offered alternate years.

Attributes: *Arts and Humanities B, Upper-Division*

**RUS 3920: Ind Rdngs:Intermediate Russian (1-5) [Offerings](#)**

Ind Rdngs:Intermediate Russian May be repeated for credit up to 10 credits.

Attributes: *Upper-Division*

**RUS 4000: Russian Language Study: Adv. (6,9) [Offerings](#)**

Study Abroad only.

Attributes: *Upper-Division* Restrictions: *Freshman, Non-Matriculated students are excluded.*

**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*



**RUS 4920: Ind Rdngs:Advanced Russian (1-5) [Offerings](#)**

Ind Rdngs:Advanced Russian May be repeated for credit up to 10 credits.

Attributes: *Upper-Division*

**RUS 4930: Russian:Tutorial Practicum (1-6) [Offerings](#)**

For advanced students who wish to assist in 2000-level Russian classes. Students assist in classroom instruction and conduct specific cultural research. May be repeated for credit up to 6 credits.

Attributes: *Upper-Division*

**RUS 4940: Coop Ed:Russian Internship (1-10) [Offerings](#)**

Applies the skills needed to communicate in Russian 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*

**COURSE DESCRIPTIONS:**

[ITL 1100](#) | [ITL 1501](#) | [ITL 1502](#) | [ITL 1503](#) | [ITL 1504](#) | [ITL 1505](#) | [ITL 1506](#) | [ITL 1507](#) | [ITL 1508](#) | [ITL 2100](#) | [ITL 4900](#) | [VIEW ALL](#)

**ITL 1100: Elementary Italian (1-2) [Offerings](#)**

A course designed for students who have never studied Italian. This course will focus on vocabulary and structures needed for basic communication. European Quarter only.

**ITL 1501: Italian I (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. By the end of this five-week session, participants will be able to function at a basic level in Italian. The class is conducted in Italian, but grammatical and culture notes may be clarified

in English. Regular practice is provided in using proper stress and other pronunciation skills necessary for proficient speech. Participants will also learn to conjugate regular (and some irregular) verbs in the present tense, tell time, count to 100, use a calendar, and read for information. By the end of this level, participants will have a basic command of the language in a wide variety of conversational situations including greeting and meeting people, talking about the weather, exchanging personal information and directions, asking questions, using transportation, making purchases, and discussing recreational activities. Information about Italian lifestyles and cities are included in this course.

**ITL 1502: Italian II (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. This course begins with a review of the material covered in Italian I. This level is appropriate for a person who has been away from the language for awhile but has retained basic grammar, vocabulary, and fluency. Grammar introduced at this level includes introduction of several irregular verbs, reflexive verbs, direct and indirect object pronouns, adverbs, the simple past tense, and negation. Emphasis is placed on vocabulary development including idiomatic expressions, names of body parts, and using numbers greater than 100. By the end of this level, participants have expanded self-expression and are able to discuss such topics as climate, geography and personal lifestyles, to handle numerical computations, and to discuss opinions.

**ITL 1503: Italian III (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. This course continues the study of basic grammar including the imperfect tense, comparatives and superlatives, the future verb tenses, and additional irregular verbs. Vocabulary, idiomatic expressions, and expressions of time continue to be developed. By the end of this level, participants can expect to handle many conversational situations with fluency and ease including ordering food, shopping, and bargaining. The course also discusses such topics as family life, sports and leisure, vacation and travel.

**ITL 1504: Italian IV (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. At this level, Italian grammar studied includes the pronouns "ne" and "ci", imperatives, indefinite articles, ordinal numbers, the conditional verb tense, possessive and relative

pronouns, and forms of negation. Participants also continue to develop vocabulary and to perfect fluency in conversational situations. Discussions and readings focus on Italian culture including music and film, housing and house-hunting, and transportation and traffic-related situations.

**ITL 1505: Italian V (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. This course begins with a brief review of the material covered in previous levels and then moves into a study of the remote past verb tense as well as the subjunctive. Discussion topics include personal and professional interests, lifestyles, work-related issues, and discussions on current events. By the end of this level, participants will have increased their fluency and ability to discuss a wide variety of subjects and situations. Readings at this level focus on Italian art, politics, and the work environment.

**ITL 1506: Italian VI (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. At this level, the remaining forms of the subjunctive are introduced as is the passive voice. An extensive review and overview of Italian grammar is then conducted to give participants a comprehensive understanding of the basic grammar of the language. Class discussions and activities emphasize active use of the language in different situational contexts including debates on current events, cultural exchanges, discussions relating to professional interests, and other areas determined by participant interest. During these discussions, continued vocabulary development, pronunciation, and fluency is stressed. Topics covered in the readings of this level include current events, comparisons of Italian and American lifestyles including discussions of stereotyping and prejudice, and Italian literature.

**ITL 1507: Italian VII (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. Building on the grammar acquired in first-year Italian, this course aims at increasing accuracy and speed of students' speech and writing. Coursework includes an in-depth review of the present, perfect, and proximate past verb tenses as well as reflexive, direct and indirect object pronouns. Speaking and writing skills are strengthened through stories, articles, group projects and cultural presentations. By the end of this course, students should be equipped for day-to-day interactions and be able to

make requests and address facts in the past and present.

**ITL 1508: Italian VIII (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. Building on Italian 7, this course aims at increasing accuracy and speed of students' speech and writing. Coursework includes an in-depth review of the imperative, future, conditional, and conjunctive verb tenses as well as the pronouns *ci*, *ne* and *si*. Speaking and writing skills are strengthened through videos, roleplays, vocabulary sessions and cultural activities. By the end of this course, students should be able to give polite and casual commands, speculate about the past and present, make plans and predictions, and discuss hypothetical situations.

**ITL 2100: Intermediate Italian (2) [Offerings](#)**

Designed for students having studied some Italian, this course continues the study of vocabulary and structures needed for basic communication. European Quarter only.

**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*

## LATIN AMERICAN STUDIES: SPANISH

Marston Hall  
206-281-2036  
[www.spu.edu/depts/fli](http://www.spu.edu/depts/fli)

**FACULTY:** [Robert Baah](#), [Kathryn Bartholomew](#), [Michelle Beauclair](#), [Owen Ewald](#), [Katya Nemtchinova](#), [Eric Vogt](#), [Michael Ziemann](#)

**Spanish Faculty:** Robert Baah and Eric Vogt

**Robert Baah**, Contact Person

### Latin American Studies

In support of the SPU mission to cultivate graduates of competence and character, the Latin American Studies/Spanish major and minor programs seek to further the linguistic and cultural competence of our students by affording them stimulating and demanding opportunities in classroom settings and overseas. The Latin American studies option focuses on the Spanish-speaking regions of our hemisphere, in other words, most of the “New World.”

The diversity of peoples and cultures in our hemisphere also includes many native American peoples whose influence is strongly felt and increasingly important in every aspect of life. U.S. relations with Latin America are examined from historical and current perspectives, with an emphasis on cultural literacy and competence in interpersonal relations. Among many goals of this option is that of enabling students to discern issues surrounding the roles of the many nations of our hemisphere in the modern world and hence become responsible citizens of our country where U.S. relations with them are concerned.

The Latin American Studies major and minor are designed for students who wish to specialize in Spanish with a Latin American emphasis. Students who complete the major are expected to achieve the stated level of language proficiency in Spanish and to have completed the base credits and the Council for Christian Colleges and Universities' [semester-long program in Costa Rica](#) or an approved alternative.

All Latin American Studies majors must make a presentation in The Symposium (formerly The European Symposium) before graduation. This presentation is normally done during the senior year. Students must complete all non-credited and language proficiency requirements found on the [Languages](#) department page.

### Admission to the Latin American Studies-Spanish Major or Minor

Applicants for a major or minor in Latin American Studies/Spanish must have a cumulative GPA of 2.0 or higher in all college work applicable to the B.A. degree and a 2.5 GPA in 10 credits of coursework at SPU in foreign languages and literatures and/or Latin American studies.

A student must complete the major or minor requirements in effect when the student is admitted to the major or minor. [Requirements for the Latin American Studies/Spanish Major](#)

### LATIN AMERICAN STUDIES: SPANISH MAJOR

60 Credits Minimum, Including 25 Upper Division (UD)

[Suggested Course Sequence](#)

<b>Base Courses</b>
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Course	Credits
HIS 3331 <a href="#">History of Spain &amp; Portugal</a>	5
HIS 3750 <a href="#">Latin America</a>	5
UCOR 2000 <a href="#">The West and the World</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>

**Study-Abroad Base Courses**

Course	Credits
SBS 4918 <a href="#">LASP: Seminar I</a> (4-5)	5
SBS 4919 <a href="#">LASP: Seminar II</a> (4)	
SBS 4937 <a href="#">International Practicum</a> (6)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>

**Required Spanish Courses**

Course	Credits
SPN 3110 <a href="#">Composicion y conversacion</a>	3
SPN 3120 <a href="#">Civilizacion y Cultura</a>	3
SPN 4501 <a href="#">Topics in Latin American Lit</a>	3,5
SPN 4899 <a href="#">Latin American Capstone Semindr</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>

**Spanish Courses**

Course	Credits
SPN 1101 <a href="#">Elementary Spanish I</a> (5)	28
SPN 1102 <a href="#">Elementary Spanish II</a> (5)	
SPN 1103 <a href="#">Elementary Spanish III</a> (5)	
SPN 2101 <a href="#">Intermediate Spanish I</a> (5)	
SPN 2102 <a href="#">Intermediate Spanish II</a> (5)	
SPN 2103 <a href="#">Intermediate Spanish III</a> (5)	
SPN 3101 <a href="#">Advanced Spanish</a> (3)	
SPN 4105 <a href="#">Literature Survey:Golden Age</a> (3)	
SPN 4401 <a href="#">Topics in Spanish Literature</a> (3,5)	
SPN 4900 <a href="#">Independent Study</a> (1-10)	
SPN 4920 <a href="#">Independent Readings Spanish</a> (1-5)	
SPN 4930 <a href="#">Spanish Tutorial Practicum</a> (1-6)	
SPN 4940 <a href="#">Internship</a> (1-10)	
<b>SECTION CREDITS REQUIRED</b>	

<b>TOTAL CREDITS REQUIRED</b>	<b>60</b>
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**Additional Requirements:**

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

**LATIN AMERICAN STUDIES: SPANISH MINOR**  
 35 Credits Minimum, Including 15 Upper Division (UD)

**Latin American Base Courses**

Course	Credits
HIS 3331 <a href="#">History of Spain &amp; Portugal</a> (5)	
HIS 3750 <a href="#">Latin America</a> (5)	
HIS 3710 <a href="#">Comparative Non-Western History</a> (5)	10
UCOR 2000 <a href="#">The West and the World</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>

**Specialization (at least 7 UD credits taught in Spanish)**

Course	Credits
SPN 4501 <a href="#">Topics in Latin American Lit</a>	3,5
SPN 1101 <a href="#">Elementary Spanish I</a> (5)	
SPN 1102 <a href="#">Elementary Spanish II</a> (5)	
SPN 1103 <a href="#">Elementary Spanish III</a> (5)	
SPN 2101 <a href="#">Intermediate Spanish I</a> (5)	
SPN 2102 <a href="#">Intermediate Spanish II</a> (5)	
SPN 2103 <a href="#">Intermediate Spanish III</a> (5)	
SPN 3101 <a href="#">Advanced Spanish</a> (3)	
SPN 3110 <a href="#">Composicion y conversacion</a> (3)	
SPN 3120 <a href="#">Civilizacion y Cultura</a> (3)	1
SPN 4105 <a href="#">Literature Survey:Golden Age</a> (3)	
SPN 4401 <a href="#">Topics in Spanish Literature</a> (3,5)	
SPN 4899 <a href="#">Latin American Capstone Seminar</a> (3)	
SPN 4900 <a href="#">Independent Study</a> (1-10)	
SPN 4920 <a href="#">Independent Readings Spanish</a> (1-5)	
SPN 4930 <a href="#">Spanish Tutorial Practicum</a> (1-6)	
EUR 4254 <a href="#">Translation</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>25</b>

<b>TOTAL CREDITS REQUIRED</b>	<b>35</b>
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## LINGUISTICS AND CULTURAL STUDIES

Marston Hall  
206-281-2036  
[spu.edu/depts/fll](http://spu.edu/depts/fll)

**FACULTY:** [Robert Baah](#), [Kathryn Bartholomew](#), [Michelle Beauclair](#), [Owen Ewald](#), [Katya Nemtchinova](#), [Eric Vogt](#), [Michael Ziemann](#)

The study of linguistics focuses on the nature of language itself and on human beings as creators and users of language. It explores systems of sound and meaning; phrase and sentence structure; linguistic diversity; both first- and second-language acquisition; and language change over time.

The Linguistics and Cultural Studies major features thorough grounding in general linguistic theory, as well as opportunity for work in some more-specific subfields (e.g., sociolinguistics, second-language acquisition.) It also offers cultural studies courses in a minimum of three different cultures. As with other FLL majors, there is a requirement for a senior paper presented at the Symposium and for significant study abroad.

Both the major and the minor may be of interest and use to 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.

### Linguistics and Cultural Studies Program Requirements

Kathryn Bartholomew, Contact Person

#### Requirements for the Major

The Linguistics and Cultural Studies major consists of 53 credits minimum, including 38 upper-division.

Minimum competency through the second-year sequence of a European language is required. Students must complete all non-credited and language proficiency requirements found on the [Languages](#) department page.

**Admission to the Major or Minor** Applicants for a major or minor within the Department of Foreign Languages and Literatures must have a cumulative GPA of 2.0 or higher in all college work applicable to the B.A. degree and a 2.5 GPA in 10 credits of coursework at SPU in foreign languages and literatures, linguistics, and/or European or Latin American studies. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

### LINGUISTICS AND CULTURAL STUDIES MAJOR

53 Credits Minimum, Including 38 Upper Division (UD)

#### Suggested Course Sequence

Base Courses	
Course	Credits
LIN 2100 <a href="#">Foundations of Language Study</a>	5



LIN 4145 <a href="#">Phonology</a>	5
LIN 4150 <a href="#">Morphology</a>	5
LIN 4410 <a href="#">Syntax</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>20</b>
<b>Capstone</b>	
<b>Course</b>	<b>Credits</b>
LIN 4899 <a href="#">Linguistics Capstone Seminar</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Requirements: Linguistics</b>	
<b>Course</b>	<b>Credits</b>
LIN 4200 <a href="#">Second Language Acquisition</a> (5)	15
LIN 4300 <a href="#">Historical Linguistics</a> (3)	
LIN 4365 <a href="#">Methods Foreign Lng Tchq</a> (5)	
LIN 4400 <a href="#">Comparative Syntax</a> (3)	
LIN 4430 <a href="#">Sociolinguistics</a> (5)	
LIN 4601 <a href="#">History of the English Lang</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Requirements: Cultural Studies</b>	
<b>Course</b>	<b>Credits</b>
ANT 2250 <a href="#">Cultural Anthropology</a> (5)	15
CLA 3100 <a href="#">Ancient Civilization</a> (5)	
CLA 3170 <a href="#">Classical Civilization</a> (5)	
COM 4180 <a href="#">Cultural Communication</a> (5)	
EUR 3500 <a href="#">European Civilization</a> (5)	
FRE 3250 <a href="#">La France et le Monde</a> (3)	
GER 3260 <a href="#">German Culture</a> (3,5)	
RUS 2207 <a href="#">Modern Russian Culture thr Lit</a> (5)	
SPN 3120 <a href="#">Civilizacion y Cultura</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	
<b>TOTAL CREDITS REQUIRED</b>	<b>53</b>

**Additional Requirements:**

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

## LINGUISTICS AND CULTURAL STUDIES MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

### Linguistics Minor Courses

Course	Credits
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	
LIN 4145 <a href="#">Phonology</a> (5)	
LIN 4150 <a href="#">Morphology</a> (5)	
LIN 4200 <a href="#">Second Language Acquisition</a> (5)	
LIN 4300 <a href="#">Historical Linguistics</a> (3)	
LIN 4365 <a href="#">Methods Foreign Lng Tchg</a> (5)	20
LIN 4400 <a href="#">Comparative Syntax</a> (3)	
LIN 4410 <a href="#">Syntax</a> (5)	
LIN 4430 <a href="#">Sociolinguistics</a> (5)	
LIN 4601 <a href="#">History of the English Lang</a> (3)	

**SECTION CREDITS REQUIRED 20**

### Cultural Studies Minor Courses

Course	Credits
ANT 2250 <a href="#">Cultural Anthropology</a> (5)	
CLA 3100 <a href="#">Ancient Civilization</a> (5)	
CLA 3170 <a href="#">Classical Civilization</a> (5)	
COM 4180 <a href="#">Cultural Communication</a> (5)	
EUR 3500 <a href="#">European Civilization</a> (5)	10
FRE 3250 <a href="#">La France et le Monde</a> (3)	
GER 3260 <a href="#">German Culture</a> (3,5)	
RUS 2207 <a href="#">Modern Russian Culture thr Lit</a> (5)	
SPN 3120 <a href="#">Civilizacion y Cultura</a> (3)	

**SECTION CREDITS REQUIRED 10**

**TOTAL CREDITS REQUIRED 30**

### COURSE DESCRIPTIONS:

[SPN 1100](#) | [SPN 1101](#) | [SPN 1102](#) | [SPN 1103](#) | [SPN 1501](#) | [SPN 1502](#) | [SPN 1503](#) | [SPN 1504](#) | [SPN 2100](#) | [SPN 2101](#) | [SPN 2102](#) | [SPN 2103](#) | [SPN 2501](#) | [SPN 2502](#) | [SPN 2503](#) | [SPN 2504](#) | [SPN 2505](#) | [SPN 3100](#) | [SPN 3101](#) | [SPN 3110](#) | [SPN 3120](#) | [SPN 4000](#) | [SPN 4100](#) | [SPN 4105](#) | [SPN 4401](#) | [SPN 4501](#) | [SPN 4899](#) | [SPN 4900](#) | [SPN 4920](#) | [SPN 4930](#) | [SPN 4940](#) | [VIEW ALL](#)

**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](#)**

Prerequisite: SPN 1101 or equivalent. 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 1103: Elementary Spanish III (5) [Offerings](#)**

Prerequisite: SPN 1102 or equivalent. 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 1501: Spanish I (2-4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. By the end of this session, participants will be able to function minimally in Spanish. The class is conducted almost entirely in Spanish. Material taught includes the Spanish sound system and word order, basic vocabulary, common idiomatic expressions, regular first conjugation verbs in the present tense, the use of adjectives and pronouns, and the use of comparisons. Participants will be able to engage in basic conversational situations including using greetings and introductions, asking for and giving information, telling time, counting, using the calendar, talking about the weather, giving descriptions (e.g. people and clothes), expressing feelings, and ordering food in a restaurant. In addition, they will be able to conjugate some regular verbs of the first conjugation as well as some irregular ones. Cultural information about the Hispanic world is included in each of the chapter readings covered.

**SPN 1502: Spanish II (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit

through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. This course begins with a review of the material covered in Spanish I. This course is a good place to start for a person who has been away from the language for awhile, but who has retained the basics of grammar, vocabulary, and fluency. Material covered in this level includes regular second and third conjugation verbs into the present tense; object pronouns; vocabulary related to such topics as sports, the house, shopping, travel, business and using the telephone. By the end of this level, participants will be able to use polite expressions properly, use more complex descriptive speech, express agreement, disagreement, and disbelief, and be able to discuss topics concerning future events and personal interests. Cultural readings are included in this course.

**SPN 1503: Spanish III (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. At the beginning of this level, participants are fairly articulate and able to handle many types of conversational situations with ease. This course offers extensive work with the simple past and the imperfect tenses. By the end of this level students will be able to narrate in the past tense, talk about history and current events, discuss family life, give advice and write letters. There will be opportunities to participate in discussions and conversations, and to make observations about customs in Spanish-speaking countries. Cultural readings at this level include historical as well as contemporary insights into the Hispanic world.

**SPN 1504: Spanish IV (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. This course begins with a systematic review of Spanish grammar learned thus far, with concentration on specific aspects of the language. In addition, there is intensive study of idioms, article usage, and specific uses of selected tenses (including imperatives, the imperfect, present subjunctive, and reflexive verbs. Participants examine the uses of para and por, work with expressions of equality and inequality, and various sentence construction patterns. Grammar study is augmented with reading selections from literature, biography, and current events. Reading selections serve as a basis for in-class discussions and activities. This course can accommodate the interests of participants, e.g., basic business terminology. By the end of the five-week term, students will have improved their conversational fluency, have increased control of the grammar, and be able to read more advanced written selections from literature and media sources.

**SPN 2100: Intermediate Spanish (1-5) [Offerings](#)**

European Quarter.

Attributes: *Foreign Language Comp*

**SPN 2101: Intermediate Spanish I (5) [Offerings](#)**

Prerequisite: SPN 1103 or equivalent (i.e., three years of Spanish in high school). A review of Spanish-language structure, with emphasis on progress toward communicative competence and growth in understanding and appreciation of the culture of the Hispanic world; introduction to literature.

Attributes: *Arts and Humanities B*

**SPN 2102: Intermediate Spanish II (5) [Offerings](#)**

Prerequisite: SPN 1103 or equivalent (e.g., three years of Spanish in high school). A review of Spanish language structure, with emphasis on progress toward communicative competence and growth in understanding and appreciation of the culture of the Hispanic world; introduction to literature.

Attributes: *Arts and Humanities B*

**SPN 2103: Intermediate Spanish III (5) [Offerings](#)**

Prerequisite: SPN 1103 or equivalent (e.g., three years of Spanish in high school). A review of Spanish language structure, with emphasis on progress toward communicative competence and growth in understanding and appreciation of the culture of the Hispanic world; introduction to literature.

Attributes: *Arts and Humanities B*

**SPN 2501: Spanish V (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. In this level, participants continue their in-depth study of the subjunctive tense. In addition, the various future tenses are introduced. Grammar study serves as a base for discussions and debates on topics about current events, cultural subjects, or areas dictated by student interest. By the end of the five-week term, participants have increased oral fluency and listening comprehension, expanded vocabulary allowing them to be comfortable with both formal and informal discourse to a wide variety of

situations, and are able to read and write more advanced material.

**SPN 2502: Spanish VI (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. A brief review of the material presented in previous levels is covered at the beginning of this level and then the course moves on to emphasize continued vocabulary development, pronunciation, fluency, and more advanced oral and written constructions, including the conditional tenses and further exploration and use of the subjunctive. Class discussions and activities emphasize active use of the language in different situational contexts including business/professional discussions, interviews, cultural exchanges, debates on current topics, or other areas determined by participant interest. Some country-specific vocabulary is included. In addition, participants engage in stylistic writing and read selected materials to enhance their understanding and appreciation of Spanish culture and regional politics. Instruction in basic technical reading and writing is available to accommodate student interests and needs.

**SPN 2503: Spanish VII (4) [Offerings](#)**

During this course, participants will review some essential aspects of grammar already studied in previous levels, such as pronouns, adjectives, adverbs and the present tense, and at the same time learn new and more specific uses for these elements. Diverse activities will target expanding vocabulary and improving written expression in business and technological environments. Students will become familiar with media sources and will continue to broaden their knowledge of contemporary literature in Spanish-speaking countries. Conversational topics will focus on better understanding cultural traditions and current political events. Some colloquial discourse will be introduced. Please note: This course is not available for financial aid at Seattle Pacific.

**SPN 2504: Spanish VIII (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. A review of the past tenses is presented in this level. Oral fluency and expanded vocabulary will be emphasized through discussions, debates and presentations on diverse cultural topics, as well as current events. More advanced terminology will be introduced to accommodate the interests of participants. By the end of the course, students will also have improved their written expression and listening comprehension skills.

**SPN 2505: Spanish IX (4) [Offerings](#)**

This course is taught by the Washington Academy of Languages for credit through Seattle Pacific and is not eligible for Seattle Pacific financial aid or scholarships, though federal and state aid may apply. This course includes an in-depth review of the subjunctive mood. Class activities will emphasize the use of the language in business settings, as well as in informal situations. Reading and conversational materials will include poetry, contemporary and classical prose, and technical texts. Students will become acquainted with colloquial Spanish and various dialects.

**SPN 3100: Advanced Spanish (1-5) [Offerings](#)**

European Quarter.

*[Attributes:](#) Foreign Language Comp, Upper-Division*

**SPN 3101: Advanced Spanish (3) [Offerings](#)**

Prerequisite: SPN 2103 or equivalent. A systematic review of Spanish grammar, with attention to stylistic considerations. May be repeated for credit 2 times.

*[Attributes:](#) Upper-Division*

**SPN 3110: Composicion y conversacion (3) [Offerings](#)**

Focuses on writing as a process through compositions of various types; e.g. description, narration, summary and review of books and other media. Uses Spanish as the language for research, lecture and discussion. May be repeated for credit 1 time.

*[Attributes:](#) Upper-Division*

**SPN 3120: Civilizacion y Cultura (3) [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: LASP: 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 In-Residence program only.

*[Attributes:](#) Upper-Division*

**SPN 4105: Literature Survey:Golden Age (3) [Offerings](#)**

Prerequisite: SPN 3101 or equivalent. Mystics, picaresque novels, poetry and drama, studied in the context of the period. Taught in Spanish and occasionally in English. Offered alternate years.

*[Attributes:](#) Upper-Division, Writing "W" Course*

**SPN 4401: Topics in Spanish Literature (3,5) [Offerings](#)**

Prerequisite: SPN 3101 or equivalent. Emphasis varies from quarter to quarter. Taught in Spanish and occasionally in English. Offered alternate years. May be repeated for credit 1 time.

*[Attributes:](#) Arts and Humanities B, Upper-Division*

**SPN 4501: Topics in Latin American Lit (3,5) [Offerings](#)**

**SPN 4501: Topics in Latin American Lit-IS (3,5) [Offerings](#)**

Prerequisite: SPN 3101 or equivalent. Emphasis varies from quarter to quarter.



Taught in Spanish and occasionally in English. Offered alternate years. May be repeated for credit 1 time.

Attributes: *Arts and Humanities B, Upper-Division*

**SPN 4899: Latin American Capstone Semnr (3) [Offerings](#)**

This capstone course focuses on issues of language and culture related to the Latin American Studies-Spanish major. Required of all Latin American Studies-Spanish majors and recommended for minors.

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*

**COURSE DESCRIPTIONS:**

[LIN 2100](#) | [LIN 4145](#) | [LIN 4150](#) | [LIN 4200](#) | [LIN 4300](#) | [LIN 4365](#) | [LIN 4400](#) | [LIN 4410](#) | [LIN 4430](#) | [LIN 4601](#) | [LIN 4899](#) | [LIN 4900](#) | [LIN 4920](#) | [LIN 4930](#) | [LIN 4950](#) | [LIN 4952](#) | [VIEW ALL](#)

**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. This course is also offered via distance learning. Please note that the distance learning version of this course is not eligible for financial aid nor is it part of the on-campus tuition plateau; full payment is required at the time of registration.

Attributes: *Arts and Humanities B, Media*

**LIN 4145: Phonology (5) [Offerings](#)**

Prerequisite: LIN 2100 or equivalent. 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*

**LIN 4150: Morphology (5) [Offerings](#)**

Prerequisite: LIN 2100 or equivalent. A thorough study of word structures and processes, with problem-solving experience in the analysis of English and other languages.

Attributes: *Upper-Division*

**LIN 4200: Second Language Acquisition (5) [Offerings](#)**

Prerequisite: LIN 2100 or equivalent. 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.

Cross-listed Courses: LIN 6200 Attributes: Upper-Division

**LIN 4300: Historical Linguistics (3) [Offerings](#)**

Prerequisite: LIN 2100 or equivalent. Studies the nature of language change, illustrated by the history of the Indo-European language family, especially English. A diachronic study of phonology, morphology, and syntax is made, with emphasis on reconstructed Indo-European, classical texts and modern European diversity. Offered alternate years.

Attributes: Upper-Division

**LIN 4365: Methods Foreign Lng Tchg (5) [Offerings](#)**

Prerequisite: LIN 2100. 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

**LIN 4400: Comparative Syntax (3) [Offerings](#)**

Prerequisite: LIN 2100 or permission of instructor. Provides an intensive investigation into non-English sentence structures. Basic rule making and rule testing are examined in a variety of languages. Not offered every year.

Attributes: Upper-Division

**LIN 4410: Syntax (5) [Offerings](#)**

Prerequisite: LIN 2100 or equivalent. 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

**LIN 4430: Sociolinguistics (5) [Offerings](#)**

Prerequisite: LIN 2100 or equivalent. Looks more closely at how language is

influenced by context, including social, cultural, psychological, geographical, and political factors. This interdisciplinary course will draw from sociology, anthropology, and linguistics and is useful for English teachers.

Attributes: *Upper-Division*

**LIN 4601: History of the English Lang (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. Offered alternate years.

Cross-listed Courses: *ENG 4601* Attributes: *Upper-Division*

**LIN 4899: Linguistics Capstne Seminar-IS (3) [Offerings](#)**

**LIN 4899: Linguistics Capstone Seminar (3) [Offerings](#)**

Encourages recollection and reflection on previous coursework in linguistics, language and cultural studies coursework, integration of knowledge with the student's own faith commitment, and further pursuit of an area of interest to the student.

Attributes: *Upper-Division, Writing "W" Course*

**LIN 4900: Culture through Manga- IS (1-5) [Offerings](#)**

**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 4950: Special Topics in Linguistics (1-5) Offerings**

Not offered every year. 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**

Not offered every year. May be repeated for credit up to 5 credits.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

## MATHEMATICS / COMPUTATIONAL MATHEMATICS

Otto Miller Hall  
206-281-2140  
[spu.edu/depts/math](http://spu.edu/depts/math)

**FACULTY:** [Brian Gill](#), [Steve Johnson](#), [Russ Killingsworth](#), [Wai Lau](#), [Robbin O'Leary](#), [Nicola Parker](#), [Sharon Young](#)

Mathematics offers curricula leading to the bachelor of arts and bachelor of science degrees.

The B.A. degree program is designed for students interested in mathematics as a liberal arts major and for those planning to teach mathematics in secondary schools.

The B.S. in mathematics degree program is designed for students planning graduate work or professional careers in mathematics.

The B.S. in computational mathematics is an interdisciplinary major designed for students interested in careers involving the application of mathematics and computer science.

### **Admission to the Major or Minor**

A GPA of 2.5 or above in 15 credits of mathematics that apply to the major or minor is required for admission to the major or minor. A 2.5 GPA must be maintained in all math courses to earn the B.S. degree. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

### **High school preparation**

Three years of high school mathematics, including trigonometry, are required for all students entering one of the degree programs. However, students who plan to make mathematics a career 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 Program**

Students who have completed at least one year of advanced placement calculus or statistics in high school may apply for college credit as noted below. To receive credit, an official AP score report must be submitted to SPU.

Students scoring a 4 or 5 on the AP Calculus-AB exam will receive credit for MAT 1234 (Calculus I, 5 credits). Students scoring a 4 or 5 on the AP Calculus-BC exam will receive credit for both MAT 1234 and MAT 1235 (Calculus I and II, 10 credits total).

Students scoring a 4 or 5 on the AP statistics exam will receive credit for MAT 1360 (Introduction to Statistics, 5 credits).

### **Mathematics Placement**

Students without transferred college mathematics credit or AP credit that meets the Exploratory Curriculum mathematics requirement will place into one or more of the following mathematics courses: MAT 0144, 0145, 1110, 1221, 1234, 1360, 1521, 1560, or 2700.

Appropriate placement depends upon the student's intended major as well as eligibility criteria. Eligibility can be demonstrated through an SAT or ACT math score, the Washington state General Math Placement Test (MPT-G), or transfer of a college course. (The MPT-G is given at high schools throughout the state or at college testing centers. See the Math Department for availability of the test at SPU.)

Other departments may also require one of the Mathematics Placement Levels listed below as a prerequisite for courses in their major.

### **Mathematics Placement Level A**

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

Score 580 or above on the math portion of the SAT exam.

Score 25 or above on the math portion of the ACT test.

Score 145 or above on the MPT-G (the Washington state General Math Placement Test).

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.

Students admitted to SPU in 2009-10 or earlier may complete the Mathematics Competency Requirement.

Students who do not meet any of the criteria for Mathematics Placement Level A should begin by taking MAT 0144.

### **Mathematics Placement Level B**

To be eligible to enroll in MAT 1360, MAT 2700, or MAT 1110, a student must meet at least one of the following criteria:

Score 580 or above on the math portion of the SAT exam.

Score 25 or above on the math portion of the ACT test.

Score 150 or above on the MPT-G (the Washington State General Math Placement Test).

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.

Students admitted to SPU in 2009-2010 or earlier may complete the Mathematics Competency Requirement.

### **Mathematics Placement Level C**

To be eligible to enroll in MAT 1221 or MAT 1234, a student must achieve a passing score on the SPU's online Calculus Placement test prior to registering for the course. Students planning to take MAT 1234 who do not achieve a passing score on the test must first complete MAT 1110 with a grade of C- or better. Students planning to take MAT 1221 who do not achieve a passing score on the test must first complete MAT 1010 with a grade of C- or better.

### College Readiness Mathematics

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

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

The three mathematics placement levels are summarized in the table below. To be eligible to enroll in a course listed at a particular placement level in the following table, a student must meet at least one of the criteria in the corresponding row.

Course You Plan to Take:	Mathematics Placement Level	Prerequisite: Must Meet at Least One of the Criteria Below				
		SAT Math Score	ACT Math Score	MPT-G Score	College Coursework*	Students Admitted 2009 or Earlier
MAT 1521, 1560, or 0145	A	580 or above	25 or above	145 or above	MAT 0144 or Intermediate Algebra	Complete Math Competency Requirement
MAT 1360, 2700, or 1110	B	580 or above	25 or above	150 or above	MAT 0145 or Intermediate Algebra	Complete Math Competency Requirement
MAT 1221 or 1234	C	N/A**	N/A**	N/A**	MAT 1110 (C- or better)	N/A**

\* A grade of C- or better is required in prerequisite coursework. Courses may be transferred.

\*\* Students planning to take MAT 1221 or 1234 must achieve a passing score on the online Calculus Placement Test prior to registering for the course.

**Computer use.** Each mathematics student should have strong computer skills. Students wishing careers in industry or applied mathematics should have skill in programming.

#### Requirements for the B.A. Mathematics Major

Students pursuing an endorsement in secondary education must take MAT 3401 as 3 of the 8 mathematics electives credits. A maximum of 3 credits in MAT 4930 may be applied.

#### Requirements for the B.S. in Mathematics Major

Courses MAT 4363 and MAT 4830 are strongly recommended. A maximum of 3 credits in MAT 4930 may be applied.

For the B.S. in mathematics, 15 credits in related approved courses in which mathematics is applied are also required. A GPA of 2.5 must be maintained for all mathematics courses. Students who plan



graduate work in mathematics are strongly advised to take further work in real analysis in their upper-division program and to acquire a reading knowledge of [French](#), [German](#), or [Russian](#).

### **Requirements for the B.S. in Computational Mathematics**

This is an interdisciplinary major designed for students interested in careers involving the application of mathematics and computer science. Some courses are offered only every other year, so careful planning is recommended.

### **Requirements for the Mathematics Minor**

Anyone desiring a minor in mathematics should begin with MAT 1234, MAT 1235, and MAT 1236, which are prerequisite to most upper-division courses.

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 and a teaching minor must include MAT 3749, MAT 4402, and MAT 3441 or MAT 3443. A maximum of 3 credits in MAT 4904 or MAT 4930 may be applied.

## **SPECIAL PROGRAMS**

### **Actuarial Science**

A student interested in becoming an actuary should major in mathematics or mathematics/economics. The following mathematics courses should be included: MAT 3360, MAT 4363, MAT 4725, MAT 4830, and some independent study.

This provides the foundation for beginning the sequence of [exam offered by the Society of Actuaries](#). Further work in economics is helpful.

### **Mathematics/Economics**

Students desiring a major in mathematics-economics should consult a mathematics advisor for information on a student-designed major.

 [Print Degree Requirements \(MAT\)](#) | [Print Degree Requirements \(CST\)](#) | [Print this Page](#)

### **Integrated Studies Major with a concentration in Mathematics (For students seeking K-8 certification)**

Students who are planning to obtain elementary school certification and are interested in mathematics must major in the [Integrated studies major](#) with a concentration in mathematics.

The concentration consists of courses in calculus, algebra, geometry, and the history of mathematics.

[Application \(PDF\)](#) to this major is through the advisor for the mathematics concentration, Dr. Sharon Young ([syoung@spu.edu](mailto:syoung@spu.edu)).

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

[Requirements for Integrated Studies: Mathematics concentration](#)  
[Requirements for Elementary Certification](#)

## BA IN MATHEMATICS

60 Credits Minimum, Including 39 Upper Division (UD)

### Suggested Course Sequence

<b>B.A. in Mathematics: General Core</b>	
<b>Course</b>	<b>Credits</b>
MAT 1234 <u>Calculus I</u>	5
MAT 1235 <u>Calculus II</u>	5
MAT 1236 <u>Calculus III</u>	5
MAT 2401 <u>Linear Algebra</u>	3
MAT 2720 <u>Discrete Mathematics</u>	3
MAT 3237 <u>Differential Equations</u>	3
MAT 3238 <u>Vector Calculus</u>	3
MAT 3360 <u>Probability &amp; Statistics</u>	5
MAT 3441 <u>Axiomatic Geometry</u> (3)	3
MAT 3443 <u>Transformational Geometry</u> (3)	
MAT 3749 <u>Introduction to Analysis</u>	5
MAT 4402 <u>Modern Algebra</u>	3
MAT 4610 <u>The Evolution of Math Thought</u>	3
MAT 3751 <u>Real Analysis II</u> (3)	3
MAT 4403 <u>Modern Algebra</u> (3)	
MAT 4899 <u>Senior Capstone Seminar</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>52</b>
<b>Approved UD Electives (with a max of 3 in MAT 4930)</b>	<b>8</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>60</b>

## BS IN MATHEMATICS

67 Credits Minimum, Including 46 Upper Division (UD)

### Suggested Course Sequence

<b>B.S. in Mathematics: General Core</b>	
<b>Course</b>	<b>Credits</b>
MAT 1234 <u>Calculus I</u>	5
MAT 1235 <u>Calculus II</u>	5
MAT 1236 <u>Calculus III</u>	5
MAT 3237 <u>Differential Equations</u>	3

MAT 3238 <a href="#">Vector Calculus</a>	3
MAT 3360 <a href="#">Probability &amp; Statistics</a>	5
MAT 2401 <a href="#">Linear Algebra</a>	3
MAT 2720 <a href="#">Discrete Mathematics</a>	3
MAT 3749 <a href="#">Introduction to Analysis</a>	5
MAT 3751 <a href="#">Real Analysis II</a>	3
MAT 4402 <a href="#">Modern Algebra</a>	3
MAT 4403 <a href="#">Modern Algebra</a>	3
MAT 4899 <a href="#">Senior Capstone Seminar</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>49</b>
<b>Approved UD MAT Electives (max of 3 credits in MAT 4930)</b>	<b>18</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>67</b>

### MATH MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

#### Open Electives in MAT

Course	Credits
MAT 1234 <a href="#">Calculus I</a> (5)	15
MAT 1235 <a href="#">Calculus II</a> (5)	
MAT 1236 <a href="#">Calculus III</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Upper Division Credits</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

### BS IN COMPUTATIONAL MATHEMATICS

102 Credits Minimum, Including 48 Upper Division (UD)

#### [Suggested Course Sequence](#)

#### Computational Mathematics Requirements

Course	Credits
MAT 1234 <a href="#">Calculus I</a>	5
MAT 1235 <a href="#">Calculus II</a>	5
MAT 1236 <a href="#">Calculus III</a>	5
MAT 3237 <a href="#">Differential Equations</a>	3
MAT 3238 <a href="#">Vector Calculus</a>	3

MAT 3360	<a href="#">Probability &amp; Statistics</a>	5
MAT 2401	<a href="#">Linear Algebra</a>	3
MAT 2720	<a href="#">Discrete Mathematics</a>	3
MAT 3724	<a href="#">Applied Analysis</a>	3
MAT 4725	<a href="#">Numerical Analysis</a>	5
MAT 4830	<a href="#">Mathematical Modeling</a>	5
MAT 4899	<a href="#">Senior Capstone Seminar</a>	3
CSC 1230	<a href="#">Problem Solving &amp; Programming</a>	5
CSC 2430	<a href="#">Data Structures I</a> (5)	10
CSC 2431	<a href="#">Data Structures II</a> (5)	
CSC 2220	<a href="#">Scientific &amp; Engineering Programing</a>	3
CSC 3430	<a href="#">Algorithm Design &amp; Analysis</a>	3
CSC 3150	<a href="#">Systems Design</a>	5
CSC 3750	<a href="#">Computer Architectr/Organztion</a>	5
PHY 1121	<a href="#">Physics for Sci &amp; Engineering</a> (5)	15
PHY 1122	<a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 1123	<a href="#">Physics for Sci &amp; Engineering</a> (5)	
<b>SECTION CREDITS REQUIRED</b>		<b>94</b>
<b>Approved Electives in Upper Division CSC</b>		<b>8</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>102</b>

**COURSE DESCRIPTIONS:**

[MAT 0144](#) | [MAT 0145](#) | [MAT 1010](#) | [MAT 1110](#) | [MAT 1221](#) | [MAT 1234](#) | [MAT 1235](#) | [MAT 1236](#) | [MAT 1360](#) | [MAT 1521](#) | [MAT 1560](#) | [MAT 1720](#) | [MAT 2200](#) | [MAT 2401](#) | [MAT 2561](#) | [MAT 2700](#) | [MAT 2720](#) | [MAT 3237](#) | [MAT 3238](#) | [MAT 3360](#) | [MAT 3401](#) | [MAT 3441](#) | [MAT 3443](#) | [MAT 3562](#) | [MAT 3724](#) | [MAT 3725](#) | [MAT 3730](#) | [MAT 3749](#) | [MAT 3751](#) | [MAT 4363](#) | [MAT 4402](#) | [MAT 4403](#) | [MAT 4610](#) | [MAT 4725](#) | [MAT 4830](#) | [MAT 4899](#) | [MAT 4904](#) | [MAT 4910](#) | [MAT 4930](#) | [MAT 4940](#) | [MAT 4950](#) | [MAT 4960](#) | [VIEW ALL](#)

**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: 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.

**MAT 1010: College Algebra (3) [Offerings](#)**

Prerequisite: Mathematics Placement Level B. Explores inequalities and algebraic functions, including linear, quadratic, polynomial, rational, exponential, and logarithmic.

**MAT 1110: Precalculus (5) [Offerings](#)**

Prerequisite: Mathematics Placement Level B or MAT 0145. Explores algebraic, circular and trigonometric equations and identities; and inequalities. Credit cannot be received for this course if MAT 1112 or MAT 1114 has been taken.

**MAT 1221: Survey of Calculus (5) [Offerings](#)**

Prerequisite: MAT 1010 or its equivalent as determined by the calculus placement test. 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: *Mathematics (MAT)*

**MAT 1234: Calculus I (5) [Offerings](#)**

MAT 1110 or its equivalent as determined by the Calculus Placement Test. First course in calculus, emphasizing limits and derivatives of functions of one variable. Sequence begins both Autumn and Winter Quarters. Extra fee.

Attributes: *Mathematics (MAT)*

**MAT 1235: Calculus II (5) [Offerings](#)**

Prerequisite: C- or higher in MAT 1234. Second course in calculus, emphasizing integral calculus of functions of one variable. Extra fee.

Attributes: *Mathematics (MAT)*

**MAT 1236: Calculus III (5) [Offerings](#)**

Prerequisite: C- or higher in MAT 1235. 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. Extra fee.

**MAT 1360: Introduction to Statistics (5) [Offerings](#)**

Prerequisite: Mathematics Placement Level B or MAT 0145. Explores descriptive statistics, elementary probability, binomial and normal distributions, sampling, estimating parameters, testing hypotheses, regression, and correlation. Extra fee.

Attributes: *Mathematics (MAT)*

**MAT 1521: Intro:Contemporary Mathematics (5) [Offerings](#)**

Prerequisite: Mathematics Placement Level A or MAT 0144. 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: *Mathematics (MAT)*

**MAT 1560: Numerical Reasoning (4) [Offerings](#)**

Prerequisite: Mathematics Placement Level A or MAT 0144 or instructor permission. The first in a three-course sequence, this course is a study of numerical reasoning with emphasis on depth of understanding, problem solving strategies, and appropriate use of calculators and computer software. Investigations of mathematical topics include numeration systems, numerical properties and operations, concepts in number theory, and associated history of mathematics. Standards-based content preparation for teaching K-8 mathematics.

Restrictions: *Freshman students are excluded.*

**MAT 1720: Math for Computer Science (5) [Offerings](#)**

Prerequisite: MAT 1221 or 1225 or 1234. Explores set theory, number systems, logic, proof techniques, basics of counting, discrete probability, networks, digital logic, and digital systems.

**MAT 2200: Engineering Probability&Stats (3) [Offerings](#)**

Prerequisite: MAT 1235. Introduces students to concepts of probability and statistics along with methodology for applying these to engineering applications. Extra fee.

Cross-listed Courses: *EGR 2200*

**MAT 2401: Linear Algebra (3) [Offerings](#)**

Prerequisite: MAT 1226 or 1235. Studies vector spaces, matrices, and linear transformations. Extra fee.

**MAT 2561: Statistical & Algebraic Reasng (4) [Offerings](#)**

Prerequisite: MAT 1560. The second in a three-course sequence, this course is a study of statistical and algebraic reasoning with emphasis on depth of understanding and appropriate use of calculators and computer software. Investigations of mathematical topics include statistics, probability, variables and their uses, proportional reasoning, linear and non-linear functions, inverse functions, proof appropriate for K-8 teachers, and associated history of mathematics. Standards-based content preparation for teaching K-8 mathematics.

Attributes: *Mathematics (MAT)*

**MAT 2700: Statistics for Business & Econ (5) [Offerings](#)**

Prerequisites: (BUS 1700 or CSC 1123) and (Mathematics Placement Level B or MAT 0145). Explores descriptive statistics, probability, random variable distributions, estimation, hypothesis testing, regression and nonparametric statistics.

Cross-listed Courses: BUS 2700 Attributes: Mathematics (MAT)

**MAT 2720: Discrete Mathematics (3) [Offerings](#)**

Prerequisite: MAT 1226 or 1235. Studies sets, logic, Boolean algebra, relations, functions, and graphs.

**MAT 3237: Differential Equations (3) [Offerings](#)**

Prerequisite: C- or higher in MAT 1236. Studies general solutions of first and second order differential equations, Laplace transforms, and series solutions. Extra fee.

Attributes: Upper-Division

**MAT 3238: Vector Calculus (3) [Offerings](#)**

Prerequisites: C- or higher in MAT 1236 and 2401. 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. Extra fee.

Attributes: Upper-Division

**MAT 3360: Probability & Statistics (5) [Offerings](#)**

Prerequisite: MAT 1226 or 1236. 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. Extra fee.

Attributes: Upper-Division

**MAT 3401: Number Theory (3) [Offerings](#)**

Prerequisite: MAT 2720 or 3749, or 3100 (or MAT 3562 with permission of instructor). May be taken concurrently with instructor approval. Studies topics of classical number theory including divisibility, primes and congruences. Offered alternate years.

Attributes: Upper-Division

**MAT 3441: Axiomatic Geometry (3) [Offerings](#)**

Prerequisite: MAT 3749. Surveys foundations of Euclidean, non-Euclidean, and projective geometries from an axiomatic approach. Offered alternate years.

Attributes: Upper-Division

**MAT 3443: Transformational Geometry (3) [Offerings](#)**

Prerequisite: MAT 3749. Surveys Euclidean, non-Euclidean, and projective geometries using a transformational approach. Offered alternate years.

*Attributes: Upper-Division*

**MAT 3562: Geometric Reasoning (4) [Offerings](#)**

Prerequisite: MAT 2561. 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. Standards-based content preparation for teaching K-8 mathematics.

*Attributes: Upper-Division*

**MAT 3724: Applied Analysis (3) [Offerings](#)**

Prerequisites: (MAT 1228 or 3237) and (MAT 2228 or 3238). Studies Fourier series, heat, wave, and Laplace's equations, separation of variables, and boundary value problems. Offered alternate years.

*Attributes: Upper-Division*

**MAT 3725: Applied Analysis (3) [Offerings](#)**

Prerequisite: MAT 3724. Continuation of MAT 3724, including Fourier transforms, Bessel and Legendre functions. Offered as needed.

*Attributes: Upper-Division*

**MAT 3730: Complex Variables (3) [Offerings](#)**

Prerequisites: MAT 3238 or (MAT 1228 and 2228). Studies theory and applications of complex variables; analytic functions, integrals, and power series applications. Offered alternate years.

*Attributes: Upper-Division*

**MAT 3749: Introduction to Analysis (5) [Offerings](#)**

Prerequisite: MAT 1236 and (MAT 2720 or MAT 3100) or permission of instructor. 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*

**MAT 3751: Real Analysis II (3) [Offerings](#)**

Prerequisite: C- or higher in MAT 3749. Builds on the topics introduced in MAT 3749, including explorations of differentiation and integration. Offered alternate years.



Attributes: *Upper-Division*

**MAT 4363: Mathematical Statistics (3) [Offerings](#)**

Prerequisites: (MAT 2228 or 3238) and (MAT 2376 or 3360). Studies in greater depth continuous and discrete probability distributions, moment generating functions, probability-generating functions, transformations, and multivariate probability distributions. Offered alternate years.

Attributes: *Upper-Division*

**MAT 4402: Modern Algebra (3) [Offerings](#)**

Prerequisite: C- or higher in MAT 3749. Studies algebraic structures, including groups, rings, and fields.

Attributes: *Upper-Division, Writing "W" Course*

**MAT 4403: Modern Algebra (3) [Offerings](#)**

Prerequisite: C- or higher in MAT 4402. Continuation of MAT 4402. Offered alternate years.

Attributes: *Upper-Division, Writing "W" Course*

**MAT 4610: The Evolution of Math Thought (3) [Offerings](#)**

Prerequisites: MAT 3749 or permission of instructor. Investigates the ideas, methods, and work of great mathematicians of the past.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman, Sophomore students are excluded.*

**MAT 4725: Numerical Analysis (5) [Offerings](#)**

Prerequisites: [MAT 1228 and 2228] or [MAT 2401 and 3237] or permission of instructor, and facility with mathematically oriented software. Studies numerical integration, differentiation, solutions of systems of equations, and related topics. Offered alternate years. Extra fee.

Attributes: *Upper-Division*

**MAT 4830: Mathematical Modeling (5) [Offerings](#)**

Prerequisites: [MAT 1228, 2228, and 2375] or [MAT 2401, 3237 and 3360], and facility with mathematically oriented software. 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. Extra fee. Offered alternate years.

Attributes: *Upper-Division*

**MAT 4899: Senior Capstone Seminar (3) [Offerings](#)**

Prerequisite: 9 credits of upper-division mathematics or instructor permission. 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.*

**MAT 4904: Mathematics-Independent Study (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 the Math Lab. 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.*

**MAT 4950: Special Topics (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*

## MUSIC

Crawford Music Building  
206-281-2205  
[spu.edu/depts/fpa](http://spu.edu/depts/fpa)

**FACULTY:** [David Anderson](#), [Carlene Brown](#), [Brian Chin](#), [Eric Hanson](#), [Ramona Holmes](#), [Wayne Johnson](#), [Gerry Marsh](#)

**MUSIC DEPARTMENT ADJUNCT FACULTY:** Dan Adams, Ian Alvarez, Margaret Brennand, Rodger Burnett, Myrna Capp, Julian Catford, Brian Chin, Paul de Barros, Todd Gowers, Catherine Haight, Ronald Haight, Jack Halm, Ben Hages, Nancy Houghton, Cherie Hughes, Sisi Hussong, Mary Kantor, Dan Kramlich, Bernard Kwiram, Neil Lieurance, Jacinta McLachlan, Leslie Martin, Chris Olka, William Park, Kenneth Pendergrass, Francine Peterson, Matthew Schneider, Sandra Saathoff, Julie Kae Sigars, Christine Sundari, Robert Swan, Ilkka Talvi, Kimberly Zabelle.

**The purpose of the music program is threefold:**

1. To provide opportunities for all students to study music as an essential part of a liberal arts education.
2. To provide majors in music with the opportunity to develop basic musicianship and performance skills appropriate to the various emphases in the degree.
3. To recognize the interrelationship between music and the other creative arts.

SPU is an accredited institutional member of the [National Association of Schools of Music](#).

### **Admission to the Majors or Minor**

A minimum GPA of 3.0 is required for admission to the music major or minor and to the music therapy major. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

### **Music Therapy**

The SPU Music Therapy program is an integrative, multidisciplinary curriculum. Music therapy students are required to:

- Fulfill the requirements of a music degree as accomplished musicians.
- Take classes in psychology, special education, biology\* and physical education.
- Fulfill practicum hours for clinical experience.

**\*Note:** Prior to enrolling in BIO 2129 and 2130, Anatomy and Physiology, students must demonstrate proficiency in chemistry through a score of 30 or higher on SPU's online Chemistry Placement Exam or through completion of a college-level chemistry course equivalent to CHM 1100 or 1211. Students must demonstrate math proficiency before they may enroll in CHM 1100 or CHM 1211.

### **Career Opportunities**

Students majoring in music have the advantage of a strong music major within a liberal arts setting.

- Through academic and modeled clinical practice, students with an emphasis in music therapy will be trained and eligible to enter a nationally approved internship site, sit for the national board certification exam, and begin a career as a board certified music therapist.

- Students with an emphasis in music education are prepared to teach music in secondary schools.
- Other emphases in music train people to use their gifts as performers, as composers, as studio technicians, as private studio teachers, and for advanced study in performance, theory, and literature.

### Music Ensemble Opportunities

Many music ensembles are available to SPU students. In the course listings, ensembles are in the 2000/4000 series and course descriptions and requirements may be found there. All ensemble courses carry regular university credit and most require an audition or permission of the instructor for enrollment.

### Piano Proficiency

Piano proficiency is required by the junior year. Students who are enrolled in Musicianship I or II and who are identified as needing remedial keyboard skills may be required to enroll in MUS 1255 until the keyboard proficiency exam (required of all majors) is passed.

### Integrated Studies Major with a concentration in The Arts (For students seeking K-8 certification)

Students who are planning to obtain elementary school certification and are interested in music must major in the [Integrated Studies major](#) with a concentration in The Arts.

- The concentration consists of courses in art, music, and theatre.
- [Application \(PDF\)](#) to this major is through the advisor for The Arts concentration, Dr. Andrew Ryder ([aryder@spu.edu](mailto:aryder@spu.edu)).
- Further information on the [elementary certification program](#) is available in the [School of Education](#) section of the *Undergraduate Catalog*.

### [Requirements for Integrated Studies: The Arts concentration](#) [Requirements for Elementary Certification](#)

### BA IN MUSIC

76 Credits Minimum, Including 23 Upper Division (UD)

#### [Suggested Course Sequence](#)

General Music Requirements	
Course	Credits
MUS 1104 <a href="#">Music Theory I</a> (3)	9
MUS 1105 <a href="#">Music Theory II</a> (3)	
MUS 1106 <a href="#">Music Theory III</a> (3)	
MUS 1107 <a href="#">Aural Skills I</a> (2)	6
MUS 1108 <a href="#">Aural Skills II</a> (2)	
MUS 1109 <a href="#">Aural Skills III</a> (2)	
MUS 2101 <a href="#">Music Theory IV</a> (4)	12
MUS 2102 <a href="#">Music Theory V</a> (4)	
MUS 2103 <a href="#">Music Theory VI</a> (4)	
MUS 2601 <a href="#">Survey of Music Literature I</a> (3)	9
MUS 2602 <a href="#">Survey of Music Literature II</a> (3)	
MUS 2603 <a href="#">Survey of Music Literature III</a> (3)	

<b>SECTION CREDITS REQUIRED</b>	<b>36</b>
<b>Context Studies</b>	
<b>Course</b>	<b>Credits</b>
MUS 4654 <a href="#">Context Studies in Music I</a> (3)	3
MUS 4655 <a href="#">Context Studies in Music II</a> (3)	
MUS 4899 <a href="#">Mus,Musician &amp; Reliqous Exprnc</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>6</b>
<b>Large Ensemble: register every quarter, to total 6-24 creds</b>	<b>6</b>
<b>Individual Instruction in a Primary Performance Area</b>	<b>6</b>
<b>Upper Division Music Electives</b>	<b>22</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>76</b>

<b>Additional Requirements:</b>
Piano Proficiency- 0-3 Credits

### BA IN MUSIC: EMPHASIS IN COMPOSITION

77 Credits Minimum, Including 23 Upper Division (UD)

#### Suggested Course Sequence

<b>General Music Requirements</b>	
<b>Course</b>	<b>Credits</b>
MUS 1104 <a href="#">Music Theory I</a> (3)	9
MUS 1105 <a href="#">Music Theory II</a> (3)	
MUS 1106 <a href="#">Music Theory III</a> (3)	
MUS 1107 <a href="#">Aural Skills I</a> (2)	6
MUS 1108 <a href="#">Aural Skills II</a> (2)	
MUS 1109 <a href="#">Aural Skills III</a> (2)	
MUS 2101 <a href="#">Music Theory IV</a> (4)	12
MUS 2102 <a href="#">Music Theory V</a> (4)	
MUS 2103 <a href="#">Music Theory VI</a> (4)	
MUS 2601 <a href="#">Survey of Music Literature I</a> (3)	9
MUS 2602 <a href="#">Survey of Music Literature II</a> (3)	
MUS 2603 <a href="#">Survey of Music Literature III</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>36</b>
<b>Capstone</b>	
<b>Course</b>	<b>Credits</b>
MUS 4899 <a href="#">Mus,Musician &amp; Reliqous Exprnc</a>	3

<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Context Studies</b>	
<b>Course</b>	<b>Credits</b>
MUS 4654 <a href="#">Context Studies in Music I</a> (3)	6
MUS 4655 <a href="#">Context Studies in Music II</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>6</b>
<b>Composition Option</b>	
<b>Course</b>	<b>Credits</b>
MUS 3608 <a href="#">Music Technology Applications</a>	5
MUS 4100 <a href="#">Composition</a>	6
MUS 4101 <a href="#">Instrumentation &amp; Orchestration</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>14</b>
<b>Large Ensemble: register every quarter, to total 6-24 creds</b>	<b>6</b>
<b>Individual Instruction in Composition</b>	<b>3</b>
<b>Individual Instruction in a Primary Performance Area</b>	<b>9</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>77</b>

<b>Additional Requirements:</b>
Piano Proficiency- 0-3 Credits

### BA IN MUSIC: EMPHASIS IN PERFORMANCE

72 Credits Minimum, Including 23 Upper Division (UD)

#### [Suggested Course Sequence](#)

<b>General Music Requirements</b>	
<b>Course</b>	<b>Credits</b>
MUS 1104 <a href="#">Music Theory I</a> (3)	9
MUS 1105 <a href="#">Music Theory II</a> (3)	
MUS 1106 <a href="#">Music Theory III</a> (3)	
MUS 1107 <a href="#">Aural Skills I</a> (2)	6
MUS 1108 <a href="#">Aural Skills II</a> (2)	
MUS 1109 <a href="#">Aural Skills III</a> (2)	
MUS 2101 <a href="#">Music Theory IV</a> (4)	12
MUS 2102 <a href="#">Music Theory V</a> (4)	
MUS 2103 <a href="#">Music Theory VI</a> (4)	
MUS 2601 <a href="#">Survey of Music Literature I</a> (3)	9
MUS 2602 <a href="#">Survey of Music Literature II</a> (3)	
MUS 2603 <a href="#">Survey of Music Literature III</a> (3)	

<b>SECTION CREDITS REQUIRED</b>	<b>36</b>
<b>Music Performance Emphasis</b>	
<b>Course</b>	<b>Credits</b>
MUS 4654 <a href="#">Context Studies in Music I</a> (3)	
MUS 4655 <a href="#">Context Studies in Music II</a> (3)	
MUS 3506 <a href="#">Piano Pedagogy</a> (3)	9
MUS 4261 <a href="#">Sacred Vocal Repertoire</a> (3)	
MUS 4262 <a href="#">Vocal Pedagogy &amp; Techniques</a> (2)	
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>
<b>Capstone</b>	
<b>Course</b>	<b>Credits</b>
MUS 4899 <a href="#">Mus.Musician &amp; Religious Exprnc</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Large Ensemble (at least 2 UD): register every qtr for 6-24</b>	<b>6</b>
<b>Indiv Instr in a Primary Performance Area (at least 10 UD)</b>	<b>18</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>72</b>

**Additional Requirements:**

Piano Proficiency- 0-3 Credits

Recitals: 1/2 hour junior solo; 1 hour senior solo recital

**BA IN MUSIC: EMPHASIS IN TECHNOLOGY**

74 Credits Minimum, Including 23 Upper Division (UD)

[Suggested Course Sequence](#)

<b>General Music Requirements</b>	
<b>Course</b>	<b>Credits</b>
MUS 1104 <a href="#">Music Theory I</a> (3)	
MUS 1105 <a href="#">Music Theory II</a> (3)	9
MUS 1106 <a href="#">Music Theory III</a> (3)	
MUS 1107 <a href="#">Aural Skills I</a> (2)	
MUS 1108 <a href="#">Aural Skills II</a> (2)	6
MUS 1109 <a href="#">Aural Skills III</a> (2)	
MUS 2101 <a href="#">Music Theory IV</a> (4)	
MUS 2102 <a href="#">Music Theory V</a> (4)	12
MUS 2103 <a href="#">Music Theory VI</a> (4)	
MUS 2601 <a href="#">Survey of Music Literature I</a> (3)	
MUS 2602 <a href="#">Survey of Music Literature II</a> (3)	9
MUS 2603 <a href="#">Survey of Music Literature III</a> (3)	

<b>SECTION CREDITS REQUIRED</b>	<b>36</b>
<b>Capstone</b>	
<b>Course</b>	<b>Credits</b>
MUS 4899 <a href="#">Mus,Musician &amp; Religous Exprnc</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Context Studies in Music</b>	
<b>Course</b>	<b>Credits</b>
MUS 4654 <a href="#">Context Studies in Music I</a> (3)	6
MUS 4655 <a href="#">Context Studies in Music II</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>6</b>
<b>Music Technology</b>	
<b>Course</b>	<b>Credits</b>
MUS 3608 <a href="#">Music Technology Applications</a>	5
MUS 3609 <a href="#">Advanced Music Technology</a>	10
MUS 4943 <a href="#">Music Internship</a>	5
MUS 4960 <a href="#">Special Projects in Music</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>23</b>
<b>Large Ensemble: register every quarter, to total 6-24 creds</b>	<b>6</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>74</b>

**Additional Requirements:**  
Piano Proficiency- 0-3 Credits

**BA IN MUSIC: MUSIC EDUCATION**  
132 Credits Minimum, Including 23 Upper Division (UD)  
[Suggested Course Sequence](#)

<b>General Music Requirements</b>	
<b>Course</b>	<b>Credits</b>
MUS 1104 <a href="#">Music Theory I</a> (3)	9
MUS 1105 <a href="#">Music Theory II</a> (3)	
MUS 1106 <a href="#">Music Theory III</a> (3)	
MUS 1107 <a href="#">Aural Skills I</a> (2)	6
MUS 1108 <a href="#">Aural Skills II</a> (2)	
MUS 1109 <a href="#">Aural Skills III</a> (2)	
MUS 2101 <a href="#">Music Theory IV</a> (4)	12
MUS 2102 <a href="#">Music Theory V</a> (4)	



MUS 2103 <u>Music Theory VI</u> (4)	
MUS 2601 <u>Survey of Music Literature I</u> (3)	
MUS 2602 <u>Survey of Music Literature II</u> (3)	9
MUS 2603 <u>Survey of Music Literature III</u> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>36</b>
<b>Music Education Core</b>	
<b>Course</b>	<b>Credits</b>
MUS 2550 <u>Foundations of Music Education</u>	3
MUS 3502 <u>Music in Special Education</u>	3
MUS 3503 <u>Gen Music Methods &amp; Materials</u>	3
MUS 3608 <u>Music Technology Applications</u>	5
MUS 4655 <u>Context Studies in Music II</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>17</b>
<b>School of Education Requirements</b>	
<b>Course</b>	<b>Credits</b>
PSY 1180 <u>Gen Psych:Individual in Growth</u> (5)	5
SOC 1110 <u>Introduction to Sociology</u> (5)	
EDU 2104 <u>Introduction to Education</u>	2
EDU 3107 <u>Laboratory Experience: K-12</u>	2
EDU 3200 <u>Elem Gen Meth I:Classrm Mngmt</u> (2)	2
EDU 3250 <u>Sec Gen Mth I:Plan &amp; Cls Mngmt</u> (2)	
EDU 3942 <u>September Experience</u>	1
EDU 4530 <u>Topics in Secondary Education</u>	3
EDU 4899 <u>Teacher as Person-Capstone</u>	2
EDU 4943 <u>Elementary Internship:Music</u>	15
EDU 4945 <u>Secondary Internship A</u>	15
<b>SECTION CREDITS REQUIRED</b>	<b>47</b>
<b>Music Education</b>	
<b>Course</b>	<b>Credits</b>
MUS 1260 <u>Beginning Voice Class</u> (2)	2
MUS 4262 <u>Vocal Pedagogy &amp; Techniques</u> (2)	
MUS 2501 <u>Brass Techniques</u> (1)	
MUS 2502 <u>Percussion Techniques</u> (1)	4
MUS 2503 <u>String Techniques</u> (1)	

MUS 2504	<u>Woodwind Techniques</u> (1)	
MUS 3504	<u>Choral Mus Methods &amp; Matrials</u> (2)	4
MUS 3505	<u>Instrmntl Mus Meths &amp; Matrials</u> (2)	
MUS 3603	<u>Choral Literature</u> (2)	2
MUS 3604	<u>Instrumental Literature</u> (2)	
MUS 4101	<u>Instrumntation &amp; Orchestration</u> (3)	2
MUS 4102	<u>Choral Arranging</u> (2)	
MUS 4701	<u>Choral Conducting</u> (3)	3
MUS 4702	<u>Instrumental Conducting</u> (3)	
<b>SECTION CREDITS REQUIRED</b>		<b>17</b>
<b>Large Ensemble: register every quarter, to total 6-24 creds</b>		<b>6</b>
<b>Indiv Instr in a Primary Performance Area (at least 3 UD)</b>		<b>9</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>132</b>

<b>Additional Requirements:</b>	
MUS 4899 required if student does not complete teacher cert	
Guitar Proficiency	
Piano Proficiency- 0-3 Credits	
Recital: 1/2 hour junior solo	

**MUSIC AND WORSHIP ARTS MINOR**  
35 Credits Minimum, Including 15 Upper Division (UD)

<b>Theological and Historical Foundations</b>	
Course	Credits
MUS 3401 <u>Music &amp; Worship</u>	2
THEO 3403 <u>Histry&amp;Theolgy Christn Worship</u>	3
MUS 4401 <u>The Song of the Church</u>	3
MUS 4899 <u>Mus.Musician &amp; Religous Exprnc</u>	3
<b>SECTION CREDITS REQUIRED</b>	
<b>11</b>	
<b>Theoretical Foundations of Music</b>	
Course	Credits
MUS 1104 <u>Music Theory I</u> (3)	9
MUS 1105 <u>Music Theory II</u> (3)	
MUS 1106 <u>Music Theory III</u> (3)	

MUS 1107 <a href="#">Aural Skills I</a> (2)	6
MUS 1108 <a href="#">Aural Skills II</a> (2)	
MUS 1109 <a href="#">Aural Skills III</a> (2)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Traditional Performance Practices (at least 1 credit UD)</b>	
<b>Course</b>	<b>Credits</b>
MUS 2305 <a href="#">Women's Choir</a> (2)	4
MUS 2307 <a href="#">Percussion Ensemble</a> (1-2)	
MUS 2312 <a href="#">Men's Choir</a> (2)	
MUS 2350 <a href="#">Concert Choir</a> (2)	
MUS 2351 <a href="#">Symphonic Wind Ensemble</a> (2)	
MUS 2353 <a href="#">Symphony Orchestra</a> (2)	
MUS 4305 <a href="#">Women's Choir</a> (2)	
MUS 4307 <a href="#">Percussion Ensemble</a> (1-2)	
MUS 4312 <a href="#">Men's Choir</a> (2)	
MUS 4350 <a href="#">Concert Choir</a> (2)	
MUS 4351 <a href="#">Symphonic Wind Ensemble</a> (2)	
MUS 4353 <a href="#">Symphony Orchestra</a> (2)	
<b>SECTION CREDITS REQUIRED</b>	<b>4</b>
<b>Contemporary Performance Practices</b>	
<b>Course</b>	<b>Credits</b>
MUS 2301 <a href="#">Choral Society: Gospel Choir</a> (1)	2
MUS 2340 <a href="#">Chamber Ensemble</a> (1)	
MUS 4301 <a href="#">Choral Society: Gospel Choir</a> (1)	
MUS 4340 <a href="#">Chamber Ensemble</a> (1)	
<b>SECTION CREDITS REQUIRED</b>	<b>2</b>
<b>Christian Spirituality in Relational Context</b>	
<b>Course</b>	<b>Credits</b>
THEO 4735 <a href="#">Formative Christian Community</a> (3)	3
THEO 3733 <a href="#">Small Group Dynamics</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>35</b>

## MUSIC MINOR

36 Credits Minimum, Including 15 Upper Division (UD)

### Music Minor Core Requirements

<b>Course</b>	<b>Credits</b>
MUS 1104 <a href="#">Music Theory I</a> (3)	9
MUS 1105 <a href="#">Music Theory II</a> (3)	

MUS 1106 <a href="#">Music Theory III</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>
<b>Core Options (also, up to 3 creds Indiv Instr may be used)</b>	
<b>Course</b>	<b>Credits</b>
MUS 1107 <a href="#">Aural Skills I</a> (2)	
MUS 1108 <a href="#">Aural Skills II</a> (2)	
MUS 1109 <a href="#">Aural Skills III</a> (2)	
MUS 2601 <a href="#">Survey of Music Literature I</a> (3)	12
MUS 2602 <a href="#">Survey of Music Literature II</a> (3)	
MUS 2603 <a href="#">Survey of Music Literature III</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>Music Minor Context Studies</b>	
<b>Course</b>	<b>Credits</b>
MUS 4654 <a href="#">Context Studies in Music I</a> (3)	
MUS 4655 <a href="#">Context Studies in Music II</a> (3)	3
MUS 4899 <a href="#">Mus, Musician &amp; Religious Exprnc</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Upper-Division Ensemble Participation</b>	<b>6</b>
<b>Upper-Division Electives</b>	<b>6</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>36</b>

## BA IN MUSIC THERAPY: EMPHASIS IN PHYSICAL ED & EXERCISE SCI

124 Credits Minimum, Including 33 Upper Division (UD)

### Suggested Course Sequence

<b>General Music Requirements</b>	
<b>Course</b>	<b>Credits</b>
MUS 1104 <a href="#">Music Theory I</a> (3)	
MUS 1105 <a href="#">Music Theory II</a> (3)	9
MUS 1106 <a href="#">Music Theory III</a> (3)	
MUS 1107 <a href="#">Aural Skills I</a> (2)	
MUS 1108 <a href="#">Aural Skills II</a> (2)	6
MUS 1109 <a href="#">Aural Skills III</a> (2)	
MUS 2101 <a href="#">Music Theory IV</a> (4)	
MUS 2102 <a href="#">Music Theory V</a> (4)	12
MUS 2103 <a href="#">Music Theory VI</a> (4)	
MUS 2601 <a href="#">Survey of Music Literature I</a> (3)	
MUS 2602 <a href="#">Survey of Music Literature II</a> (3)	9
MUS 2603 <a href="#">Survey of Music Literature III</a> (3)	

<b>SECTION CREDITS REQUIRED</b>	<b>36</b>
<b>Music Foundations</b>	
<b>Course</b>	<b>Credits</b>
MUS 1270 <a href="#"><u>Beginning Folk Guitar</u></a>	2
MUS 1260 <a href="#"><u>Beginning Voice Class</u></a>	2
MUS 2502 <a href="#"><u>Percussion Techniques</u></a>	1
MUS 3608 <a href="#"><u>Music Technology Applications</u></a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Music Therapy Core Courses</b>	
<b>Course</b>	<b>Credits</b>
MUS 2930 <a href="#"><u>Music Therapy Practicum I</u></a>	3
MUS 3931 <a href="#"><u>Music Therapy Practicum II</u></a>	3
MUS 4931 <a href="#"><u>Music Therapy Practicum III</u></a>	1-5
MUS 2560 <a href="#"><u>Introduction to Music Therapy</u></a>	3
MUS 2561 <a href="#"><u>Music Therapy Skills Repertoire</u></a>	3
MUS 3502 <a href="#"><u>Music in Special Education</u></a>	3
MUS 4654 <a href="#"><u>Context Studies in Music I</u></a>	3
MUS 4800 <a href="#"><u>Research Methods:Music Therapy</u></a>	2
MUS 4802 <a href="#"><u>Music Therapy in Mental Health</u></a>	3
MUS 4803 <a href="#"><u>Music and Medicine</u></a>	3
MUS 4898 <a href="#"><u>Current Issues - Music Therapy</u></a>	2
MUS 4944 <a href="#"><u>Music Therapy Internship</u></a>	1
<b>SECTION CREDITS REQUIRED</b>	<b>32</b>
<b>Clinical Foundations</b>	
<b>Course</b>	<b>Credits</b>
BIO 2129 <a href="#"><u>Human Anatomy &amp; Physiology (5)</u></a>	5
BIO 2130 <a href="#"><u>Human Anatomy &amp; Physiology (5)</u></a>	5
PSY 1180 <a href="#"><u>Gen Psych:Individual in Growth</u></a>	5
PSY 4460 <a href="#"><u>Abnormal Psychology</u></a>	5
PES 1301 <a href="#"><u>Wellness and Physical Activity</u></a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Physical Education &amp; Exercise Science Track</b>	

Course	Credits
PES 2555 <a href="#">Methods of Teaching Health</a> (5)	8
PES 3545 <a href="#">Programs for Special Populatns</a> (3)	
PES 3560 <a href="#">Psy Aspects of Health/Phys Act</a> (3)	
PES 3575 <a href="#">Motor Learning &amp; Development</a> (4)	
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Ensemble</b>	<b>9</b>
<b>Indiv Instr in a Primary Performance Area (at least 3 UD)</b>	<b>11</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>124</b>

<b>Additional Requirements:</b>
Piano Proficiency- 0-3 Credits
Recital: 1/2 hour junior solo

## BA IN MUSIC THERAPY: EMPHASIS IN PSYCHOLOGY

124 Credits Minimum, Including 33 Upper Division (UD)

### Suggested Course Sequence

<b>General Music Requirements</b>	
Course	Credits
MUS 1104 <a href="#">Music Theory I</a> (3)	9
MUS 1105 <a href="#">Music Theory II</a> (3)	
MUS 1106 <a href="#">Music Theory III</a> (3)	
MUS 1107 <a href="#">Aural Skills I</a> (2)	6
MUS 1108 <a href="#">Aural Skills II</a> (2)	
MUS 1109 <a href="#">Aural Skills III</a> (2)	
MUS 2101 <a href="#">Music Theory IV</a> (4)	12
MUS 2102 <a href="#">Music Theory V</a> (4)	
MUS 2103 <a href="#">Music Theory VI</a> (4)	
MUS 2601 <a href="#">Survey of Music Literature I</a> (3)	9
MUS 2602 <a href="#">Survey of Music Literature II</a> (3)	
MUS 2603 <a href="#">Survey of Music Literature III</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>36</b>

<b>Music Foundations</b>	
Course	Credits
MUS 1270 <a href="#">Beginning Folk Guitar</a>	2
MUS 1260 <a href="#">Beginning Voice Class</a>	2
MUS 2502 <a href="#">Percussion Techniques</a>	1
MUS 3608 <a href="#">Music Technology Applications</a>	5

<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Music Therapy Core Courses</b>	
<b>Course</b>	<b>Credits</b>
MUS 2930 <u>Music Therapy Practicum I</u>	3
MUS 3931 <u>Music Therapy Practicum II</u>	3
MUS 4931 <u>Music Therapy Practicum III</u>	1-5
MUS 2560 <u>Introduction to Music Therapy</u>	3
MUS 2561 <u>Music Therapy Skills Repertoire</u>	3
MUS 3502 <u>Music in Special Education</u>	3
MUS 4654 <u>Context Studies in Music I</u>	3
MUS 4800 <u>Research Methods:Music Therapy</u>	2
MUS 4802 <u>Music Therapy in Mental Health</u>	3
MUS 4803 <u>Music and Medicine</u>	3
MUS 4898 <u>Current Issues - Music Therapy</u>	2
MUS 4944 <u>Music Therapy Internship</u>	1
<b>SECTION CREDITS REQUIRED</b>	<b>32</b>
<b>Clinical Foundations</b>	
<b>Course</b>	<b>Credits</b>
BIO 2129 <u>Human Anatomy &amp; Physiology (5)</u>	5
BIO 2130 <u>Human Anatomy &amp; Physiology (5)</u>	
PSY 1180 <u>Gen Psych:Individual in Growth</u>	5
PSY 4460 <u>Abnormal Psychology</u>	5
PES 1301 <u>Wellness and Physical Activity</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Psychology Track</b>	
<b>Course</b>	<b>Credits</b>
PSY 2470 <u>Life Span Developmental Psych</u>	5
PSY 3460 <u>Child Developmental Psychology (5)</u>	3
PSY 2422 <u>Psychology of Personal Growth (5)</u>	
PSY 4420 <u>Adolescent Developmental Psych (5)</u>	
PSY 3442 <u>Psychology of Personality (5)</u>	
PSY 3600 <u>Small Group Leadership (3)</u>	
PSY 4410 <u>Cross-Cultural Psychology (5)</u>	

SOC 2310 <a href="#">Foundations of Social Services</a> (5)	
SOC 2440 <a href="#">Small Group Dynamics</a> (5)	
COM 1101 <a href="#">Intro to Interpersonal Commun</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Ensemble</b>	<b>9</b>
<b>Indiv Instr in a Primary Performance Area (at least 3 UD)</b>	<b>11</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>124</b>

<b>Additional Requirements:</b>
Piano Proficiency- 0-3 Credits
Recital: 1/2 hour junior solo

### BA IN MUSIC THERAPY: EMPHASIS IN SPECIAL EDUCATION

124 Credits Minimum, Including 33 Upper Division (UD)

#### [Suggested Course Sequence](#)

<b>General Music Requirements</b>	
<b>Course</b>	<b>Credits</b>
MUS 1104 <a href="#">Music Theory I</a> (3)	
MUS 1105 <a href="#">Music Theory II</a> (3)	9
MUS 1106 <a href="#">Music Theory III</a> (3)	
MUS 1107 <a href="#">Aural Skills I</a> (2)	
MUS 1108 <a href="#">Aural Skills II</a> (2)	6
MUS 1109 <a href="#">Aural Skills III</a> (2)	
MUS 2101 <a href="#">Music Theory IV</a> (4)	
MUS 2102 <a href="#">Music Theory V</a> (4)	12
MUS 2103 <a href="#">Music Theory VI</a> (4)	
MUS 2601 <a href="#">Survey of Music Literature I</a> (3)	
MUS 2602 <a href="#">Survey of Music Literature II</a> (3)	9
MUS 2603 <a href="#">Survey of Music Literature III</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>36</b>

<b>Music Foundations</b>	
<b>Course</b>	<b>Credits</b>
MUS 1270 <a href="#">Beginning Folk Guitar</a>	2
MUS 1260 <a href="#">Beginning Voice Class</a>	2
MUS 2502 <a href="#">Percussion Techniques</a>	1
MUS 3608 <a href="#">Music Technology Applications</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>



<b>Music Therapy Core Courses</b>	
<b>Course</b>	<b>Credits</b>
MUS 2930 <u>Music Therapy Practicum I</u>	3
MUS 3931 <u>Music Therapy Practicum II</u>	3
MUS 4931 <u>Music Therapy Practicum III</u>	1-5
MUS 2560 <u>Introduction to Music Therapy</u>	3
MUS 2561 <u>Music Therapy Skills Repertoire</u>	3
MUS 3502 <u>Music in Special Education</u>	3
MUS 4654 <u>Context Studies in Music I</u>	3
MUS 4800 <u>Research Methods:Music Therapy</u>	2
MUS 4802 <u>Music Therapy in Mental Health</u>	3
MUS 4803 <u>Music and Medicine</u>	3
MUS 4898 <u>Current Issues - Music Therapy</u>	2
MUS 4944 <u>Music Therapy Internship</u>	1
<b>SECTION CREDITS REQUIRED</b>	<b>32</b>
<b>Clinical Foundations</b>	
<b>Course</b>	<b>Credits</b>
BIO 2129 <u>Human Anatomy &amp; Physiology</u> (5)	5
BIO 2130 <u>Human Anatomy &amp; Physiology</u> (5)	
PSY 1180 <u>Gen Psych:Individual in Growth</u>	5
PSY 4460 <u>Abnormal Psychology</u>	5
PES 1301 <u>Wellness and Physical Activity</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Special Education Track (take two 4000-level EDSP from list)</b>	
<b>Course</b>	<b>Credits</b>
EDSP 3107 <u>Exceptionality in the Classrm</u>	3
EDSP 4642 <u>Individual Education Programs</u> (3)	3
EDSP 4646 <u>Severe Disabilities</u> (3)	
EDSP 4899 <u>Issues in Special Ed - Capstone</u> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Ensemble</b>	<b>9</b>

<b>Indiv Instr in a Primary Performance Area (at least 3 UD)</b>	<b>11</b>	
<b>TOTAL CREDITS REQUIRED</b>	<b>124</b>	

<b>Additional Requirements:</b>
Piano Proficiency- 0-3 Credits
Recital: 1/2 hour junior solo

## COURSE DESCRIPTIONS:

[MUS 1000](#) | [MUS 1028](#) | [MUS 1104](#) | [MUS 1105](#) | [MUS 1106](#) | [MUS 1107](#) | [MUS 1108](#) | [MUS 1109](#) | [MUS 1250](#) | [MUS 1251](#) | [MUS 1254](#) | [MUS 1255](#) | [MUS 1260](#) | [MUS 1270](#) | [MUS 1271](#) | [MUS 1600](#) | [MUS 2104](#) | [MUS 2105](#) | [MUS 2106](#) | [MUS 2107](#) | [MUS 2108](#) | [MUS 2109](#) | [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 2303](#) | [MUS 2304](#) | [MUS 2305](#) | [MUS 2306](#) | [MUS 2307](#) | [MUS 2308](#) | [MUS 2309](#) | [MUS 2310](#) | [MUS 2311](#) | [MUS 2312](#) | [MUS 2313](#) | [MUS 2340](#) | [MUS 2350](#) | [MUS 2351](#) | [MUS 2353](#) | [MUS 2360](#) | [MUS 2402](#) | [MUS 2501](#) | [MUS 2502](#) | [MUS 2503](#) | [MUS 2504](#) | [MUS 2550](#) | [MUS 2560](#) | [MUS 2561](#) | [MUS 2601](#) | [MUS 2602](#) | [MUS 2603](#) | [MUS 2604](#) | [MUS 2605](#) | [MUS 2654](#) | [MUS 2655](#) | [MUS 2930](#) | [MUS 3000](#) | [MUS 3001](#) | [MUS 3002](#) | [MUS 3003](#) | [MUS 3309](#) | [MUS 3401](#) | [MUS 3501](#) | [MUS 3502](#) | [MUS 3503](#) | [MUS 3504](#) | [MUS 3505](#) | [MUS 3506](#) | [MUS 3602](#) | [MUS 3603](#) | [MUS 3604](#) | [MUS 3608](#) | [MUS 3609](#) | [MUS 3931](#) | [MUS 4100](#) | [MUS 4101](#) | [MUS 4102](#) | [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 4261](#) | [MUS 4262](#) | [MUS 4301](#) | [MUS 4303](#) | [MUS 4304](#) | [MUS 4305](#) | [MUS 4306](#) | [MUS 4307](#) | [MUS 4308](#) | [MUS 4309](#) | [MUS 4310](#) | [MUS 4311](#) | [MUS 4312](#) | [MUS 4313](#) | [MUS 4340](#) | [MUS 4350](#) | [MUS 4351](#) | [MUS 4353](#) | [MUS 4360](#) | [MUS 4401](#) | [MUS 4402](#) | [MUS 4654](#) | [MUS 4655](#) | [MUS 4701](#) | [MUS 4702](#) | [MUS 4800](#) | [MUS 4802](#) | [MUS 4803](#) | [MUS 4898](#) | [MUS 4899](#) | [MUS 4900](#) | [MUS 4920](#) | [MUS 4921](#) | [MUS 4922](#) | [MUS 4930](#) | [MUS 4931](#) | [MUS 4935](#) | [MUS 4941](#) | [MUS 4942](#) | [MUS 4943](#) | [MUS 4944](#) | [MUS 4950](#) | [MUS 4960](#) | [VIEW ALL](#)

### **MUS 1000: CCM:Inside the Music Industry (4) Offerings**

Through readings, lectures, and seminars delivered by leading industry figures, the course will give up-to-the-minute insight into the inner workings of the music industry. Emphasis will be given to career possibilities, and the gifts and skills required to succeed in each of the major areas, including work as a performer.

### **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. Offered Summer Quarter only. May be repeated for credit up to 6 credits.

**MUS 1104: Music Theory I (3) [Offerings](#)**

Studies the fundamentals of music; notation, scales, interval recognition, chordal construction, and introduces tonal harmony. Open to general students.

**MUS 1105: Music Theory II (3) [Offerings](#)**

Prerequisite: MUS 1104. Introduces tonal harmony and counterpoint, and beginning linear and vertical analysis. Required for music majors and minors.

**MUS 1106: Music Theory III (3) [Offerings](#)**

Prerequisite: MUS 1105. Continues to study tonal harmony and counterpoint and analyzes basic forms. Required for music majors and minors.

**MUS 1107: Aural Skills I (2) [Offerings](#)**

Covers sight singing, rhythmic dictation, and kinesthetics/conducting. Required for music majors and minors.

**MUS 1108: Aural Skills II (2) [Offerings](#)**

Prerequisite: MUS 1107. Studies sight singing, rhythmic dictation, and kinesthetics/conducting. Required for music majors and minors.

**MUS 1109: Aural Skills III (2) [Offerings](#)**

Prerequisite: MUS 1108. Continues to study sight singing, rhythmic dictation, and kinesthetics/conducting. Required for music majors and minors.

**MUS 1250: Begin Keyboard Cls(Non-Majors) (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. Extra fee. May be repeated for an unlimited number of credits.

Attributes: *Arts and Humanities A* Restrictions: *Music Majors are excluded.*

**MUS 1251: Intrmed Keybrd Cls(Non-Majors) (2) [Offerings](#)**

For students with prior training in piano. Course is designed for the non-music major, and expectations for each student are based on individual needs. Emphasis is on note-reading, basic theory, chord usage, repertoire, technical development, and creative activities. Extra fee. May be repeated for an unlimited number of credits.

Attributes: *Arts and Humanities A* Restrictions: *Music Majors are excluded.*

**MUS 1254: Begin Keybrd Profic(Music Maj) (2) [Offerings](#)**

For music majors with minimal previous keyboard experience. Sight-reading, harmonization, transposing, and technical development will be emphasized in order to meet piano proficiency requirements. Restricted to music majors or intended majors only. Extra fee. May be repeated for an unlimited number of credits.

Restrictions: *Music Majors only.*

**MUS 1255: Intrmd Keybr Profic(Music Maj) (2) [Offerings](#)**

For music majors with prior training in piano. Sight-reading, harmonization, transposing, technical development, and creative activities will be emphasized in order to meet piano proficiency requirements. Extra fee. May be repeated for an unlimited number of credits.

Attributes: *Arts and Humanities A* Restrictions: *Music Majors only.*

**MUS 1260: Beginning Voice Class (2) [Offerings](#)**

Two class sessions per week. Emphasis is on basic vocal technique: breath

control, tone placement, diction, and stage presence. Music includes classical, folk, and American music. Extra Fee. May be repeated for an unlimited number of credits.

Attributes: *Arts and Humanities A*

**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: *Arts and Humanities A*

**MUS 1271: Intermediate Folk Guitar (1) [Offerings](#)**

Prerequisite: MUS 1270. May be repeated for credit 3 times.

Attributes: *Arts and Humanities A*

**MUS 1600: Exploring & Understanding Mus (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: *Arts and Humanities A* Restrictions: *Music Majors are excluded.*

**MUS 2104: Music Theory IV-A (3) [Offerings](#)**

**MUS 2104: Music Theory IV-B (3) [Offerings](#)**

Prerequisite: MUS 1106 and demonstration of adequate skills on both a piano and written exam. Continued integrated study of musical elements as in Theory I-III. Develops skills in tonal harmony and analysis, composition, use of technology. Emphasizes developing understanding of and compositional experience with chromatic harmony and modulation. Extra fee.

**MUS 2105: Music Theory V-A (3) [Offerings](#)**

**MUS 2105: Music Theory V-B (3) [Offerings](#)**

Prerequisite: MUS 2104. Continued integrated study of musical elements as in Theory I-IV emphasizing tonal harmony and structural form and analysis. Develops skills in composition, analysis, and furthers an understanding of larger musical forms. Extra fee.

**MUS 2106: Music Theory VI-A (3) [Offerings](#)**

**MUS 2106: Music Theory VI-B (3) [Offerings](#)**

Prerequisite: MUS 2105. Continued integrated study of musical elements as in Theory I-V emphasizing 20th-century techniques. Analytical studies include introductions to basic atonal and set theory and popular/jazz theory. Develops skills of composition, use of technology and analysis. Emphasis is on compositional experience with 20th century techniques. Extra fee.

**MUS 2107: Aural Skills IV-A (1) [Offerings](#)**

**MUS 2107: Aural Skills IV-B (1) [Offerings](#)**

Develops skills in melodic sight singing and dictation; rhythmic dictation and sight singing; and kinesthetics/conducting. Emphasis is on chromaticism and 20th century rhythmic concepts. Required for music majors.

**MUS 2108: Aural Skills V-A (1) [Offerings](#)**

**MUS 2108: Aural Skills V-B (1) [Offerings](#)**

Develops skills in melodic sight singing and dictation; rhythmic dictation and sight singing; and kinesthetics/conducting. Emphasis is on chromaticism, 20th century rhythmic concepts and harmonic dictation. Required for music majors.

**MUS 2109: Aural Skills VI-A (1) [Offerings](#)**

**MUS 2109: Aural Skills VI-B (1) [Offerings](#)**

Develops skills in melodic sight singing and dictation; rhythmic dictation and sight singing; and kinesthetics/conducting. Emphasis is on Fixed doh intervallic sight singing and 20th century rhythmic concepts. Required for music majors.

**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 up to 12 credits.

Restrictions: *Music Majors only.*

**MUS 2201: Indiv Instr-Flute Music Majors (1-2) [Offerings](#)**

**MUS 2201: Individual Instruction-Flute (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2202: Indiv Instr-Oboe Music Majors (1-2) [Offerings](#)**

**MUS 2202: Individual Instruction-Oboe (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2203: Indiv Instr-Clarinet Mus Major (1-2) [Offerings](#)**

**MUS 2203: Individual Instructn-Clarinet (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2204: Indiv Instr-Bassoon Mus Majors (1-2) [Offerings](#)**

**MUS 2204: Individual Instructn-Bassoon (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2205: Indiv Instr-Trumpet Mus Majors (1-2) [Offerings](#)**

**MUS 2205: Individual Instuctn-Trumpet (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2206: Indiv Instr-Horn Music Majors (1-2) [Offerings](#)**

**MUS 2206: Individual Instruction-Horn (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2207: Indiv Instr-Trombone Mus Major (1-2) [Offerings](#)**

**MUS 2207: Individual Instructn-Trombone (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2208: Indiv Instr-Baritone Mus Major (1-2) [Offerings](#)**

**MUS 2208: Individual Instructn-Baritone (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2209: Indiv Instr-Tuba Music Majors (1-2) [Offerings](#)**

**MUS 2209: Individual Instruction-Tuba (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2210: Indiv Instr-Percussion Mus Mjr (1-2) [Offerings](#)**

**MUS 2210: Individual Instr-Percussion (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.



**MUS 2211: Indiv Instr-Violin Mus Majors (1-2) [Offerings](#)**

**MUS 2211: Individual Instruction-Violin (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2212: Indiv Instr-Viola Music Majors (1-2) [Offerings](#)**

**MUS 2212: Individual Instruction-Viola (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2213: Indiv Instr-Violoncello Mus Mj (1-2) [Offerings](#)**

**MUS 2213: Individual Instr-Violoncello (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2214: Indiv Instr-Double Bass Mus Mj (1-2) [Offerings](#)**

**MUS 2214: Individual Instr-Double Bass (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2215: Indiv Instr-Harp Music Majors (1-2) [Offerings](#)**

**MUS 2215: Individual Instruction-Harp (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2216: Indiv Instr-Organ Music Majors (1-2) [Offerings](#)**

**MUS 2216: Individual Instruction-Organ (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2217: Indiv Instr-Piano Music Majors (1-2) [Offerings](#)**

**MUS 2217: Individual Instruction-Piano (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2218: Individual Instr-Harpsichord (1-2) [Offerings](#)**

(Extra fee) May be repeated for an unlimited number of credits.

**MUS 2219: Indiv Instr-Voice Music Majors (1-2) [Offerings](#)**

**MUS 2219: Individual Instruction-Voice (1-2) [Offerings](#)**

Prerequisite: MUS 1260. Majors and scholarship recipients may be exempt from the prerequisites. MUS 2260 and MUS 2261 are required for vocal instruction beyond 6 credits. Extra fee. May be repeated for credit up to 99 credits.

**MUS 2220: Ind Instr-Classcl Guitar Mus Mj (1-2) [Offerings](#)**

**MUS 2220: Indiv Instr-Classical Guitar (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2221: Indiv Instr-Saxophone Mus Mjr (1-2) [Offerings](#)**

**MUS 2221: Individual Instr-Saxophone (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2223: Ind Instr-Jazz Guitar Mus Mjr (1-2) [Offerings](#)**

**MUS 2223: Individual Instr-Jazz Guitar (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

**MUS 2224: Indiv Instr-Jazz Piano Mus Mjr (1-2) [Offerings](#)**

**MUS 2224: Individual Instr-Jazz Piano (1-2) [Offerings](#)**

Extra fee. May be repeated an unlimited number of times.

**MUS 2225: Ind Instr-Harpsichord Mus Mjr (1-2) [Offerings](#)**

**MUS 2225: Individual Instr-Harpsichord (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

[Cross-listed Courses:](#) *MUS 4225*

**MUS 2260: The Singer's Art I (3) [Offerings](#)**

A study and application of the principles of artistic performance, with special emphasis on English, Latin, and Italian 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](#)**

Prerequisite: MUS 2260. The study and performance of the German and French vocal repertoire of the 19th and 20th centuries. Special attention will be given to diction, style, and interpretation. Prerequisite to upper-division in voice.

**MUS 2301: Choral Society: Gospel Choir (1) [Offerings](#)**

A choral ensemble specializing in the preparation, study, and performance of Gospel music. May be repeated for credit up to 12 credits.

[Cross-listed Courses:](#) *MUS 4301*

**MUS 2303: Seattle Pacific Singers (1) [Offerings](#)**

Selected scholarship performing group that represents the University in various public relations endeavors. May be repeated an unlimited number of times.

Restrictions: *Freshman, Sophomore students only.*

**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.

Restrictions: *Freshman, Sophomore students only.*

**MUS 2305: Women's Choir (2) [Offerings](#)**

A choral ensemble of women. Participates in major choral concerts throughout the year. Occasional performances for chapels, at the annual service of Lessons and Carols, and at selected churches and community organizations as an outreach of the University. Ensemble may tour during school year, including Spring Break. May be repeated an unlimited number of times.

Attributes: *Arts and Humanities A* Restrictions: *Freshman, Sophomore students only.*

**MUS 2306: Brass Ensemble (1) [Offerings](#)**

Brass Ensemble May be repeated an unlimited number of times.

Attributes: *Arts and Humanities A* Restrictions: *Freshman, Sophomore students only.*

**MUS 2307: Percussion Ensemble (1-2) [Offerings](#)**

Percussion Ensemble May be repeated an unlimited number of times.

Attributes: *Arts and Humanities A* 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: *Arts and Humanities A* Restrictions: *Freshman, Sophomore students only.*

**MUS 2309: String Ensemble (1) Offerings**

String Ensemble May be repeated an unlimited number of times.

Attributes: *Arts and Humanities A* Restrictions: *Freshman, Sophomore students only.*

**MUS 2310: Keyboard Ensemble (1) Offerings**

Emphasis on piano duet and two-piano literature, as well as accompanying skills. May be repeated an unlimited number of times.

Restrictions: *Freshman, Sophomore students only.*

**MUS 2311: Jazz Ensemble (2) Offerings**

An organization that specializes in the preparation, study, and performance of music from the jazz literature. May be repeated an unlimited number of times.

Attributes: *Arts and Humanities A* Restrictions: *Freshman, Sophomore students only.*

**MUS 2312: Men's 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, at the annual service of Lessons and Carols, and at selected churches and community organizations as an outreach of the University. May be repeated for an unlimited number of credits.

Attributes: *Arts and Humanities A* 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 for an unlimited number of credits.

Cross-listed Courses: MUS 4313 Attributes: Arts and Humanities  
Restrictions: Junior, Senior students are excluded.

**MUS 2340: Chamber Ensemble: Gamelan (1) [Offerings](#)**

**MUS 2340: Chamber Ensemble: Worship Band (1) [Offerings](#)**

**MUS 2340: Chamber Music: Clarinet Quartet (1) [Offerings](#)**

Includes chamber music experience of various types-woodwind, brass, string, Javanese gamelan, percussion, worship ensemble and mixed. May be repeated for an unlimited number of credits.

Attributes: Arts and Humanities A Restrictions: Junior, Senior students are excluded.

**MUS 2350: Concert Choir (2) [Offerings](#)**

A choral ensemble of men and women, Concert Choir performs several major concerts during each academic year and tours each spring. May be repeated for an unlimited number of credits.

Attributes: Arts and Humanities A Restrictions: Freshman, Sophomore students only.

**MUS 2351: Symphonic Wind Ensemble (2) [Offerings](#)**

As a group of selected wind 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: Arts and Humanities A Restrictions: Freshman, Sophomore students only.

**MUS 2353: Symphony Orchestra (2) [Offerings](#)**

An ensemble of strings with selected woodwinds, brass, and percussion instruments, performing works from the extensive orchestral literature. May be repeated an unlimited number of times.

Attributes: *Arts and Humanities A* Restrictions: *Freshman, Sophomore students only.*

**MUS 2360: Opera Workshop (1-2) [Offerings](#)**

Practical experience in preparation and performance of scenes from opera repertoire. May be repeated for an unlimited number of credits.

Restrictions: *Freshman, Sophomore students only.*

**MUS 2402: History & 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.

Cross-listed Courses: *MUS 4402* Attributes: *Arts and Humanities A* Restrictions: *Freshman, Sophomore students only.*

**MUS 2501: Brass Techniques (1) [Offerings](#)**

Designed for music education majors. Students learn how to teach the various brass instruments. Emphasis on demonstration of good tone and diagnosis of student problems in a lab setting.

Restrictions: *Freshman students are excluded.*

**MUS 2502: Percussion Techniques (1) [Offerings](#)**

Designed for music education majors. Students learn how to teach the percussion instruments.

**MUS 2503: String Techniques (1) [Offerings](#)**

Designed for music education majors. Students learn how to teach string instruments. May be repeated for credit 1 time.

Restrictions: *Music Majors only.*

**MUS 2504: Woodwind Techniques (1) [Offerings](#)**

Designed for music education majors. Students learn how to teach the woodwind instruments. Emphasis on demonstration of good tone and diagnosis of student problems in a lab setting.

**MUS 2550: Foundations of Music Education (3) [Offerings](#)**

Explores social, historical and philosophical foundations of American music education. Focuses on teaching curricula from ancient times to the present. Provides opportunities to apply course content through service learning and field-related experiences. Part of Professional education core classes for music majors.

Restrictions: *Music, Music-Int Majors only.*

**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.

Attributes: *Arts and Humanities A*

**MUS 2561: Music Therapy Skills Repertoire (3) [Offerings](#)**

Prerequisite: MUS 2560 or permission of instructor. 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. Some music training background is preferred. Open to all students interested in the field of music therapy.



**MUS 2601: Survey of Music Literature I (3) [Offerings](#)**

A chronological study of the development of Western art music from the early medieval period through the baroque era.

**MUS 2602: Survey of Music Literature II (3) [Offerings](#)**

A chronological study of the development of Western art music in the pre-Classical period and the Romantic period through Richard Wagner.

**MUS 2603: Survey of Music Literature III (3) [Offerings](#)**

A chronological study of the development of Western Art music from the late Romantic period to the present.

**MUS 2604: Soundscape (5) [Offerings](#)**

This course explores a wide range of music including vernacular and art music of Western and non-Western cultures. Students gain skills in listening to music from diverse cultures, develop understanding of the influence of cultural and historical context of those types of music, and learn how those traditions can be experienced today in the city of Seattle.

Attributes: *Arts and Humanities A* Restrictions: *Music Majors are excluded.*

**MUS 2605: Survey of Popular Music (5) [Offerings](#)**

A survey of popular song in America, its development, variety, and influences on American culture. Emphasis is on listening, style analysis, and the elements of music.

Attributes: *Arts and Humanities A* Restrictions: *Music Majors are excluded.*

**MUS 2654: World Music (3) [Offerings](#)**

This course explores the significance of music in different societies. Emphasis is on the music of the Pacific Rim, but may include sub-Saharan Africa, Latin America, Eastern Europe, or the Middle East.

Attributes: *Arts and Humanities A*

**MUS 2655: World Music Lab (2) Offerings**

Provides practical, hands-on experience in performing on instruments used in music from the Pacific Rim, sub-Saharan Africa, Latin America, Eastern Europe, and the Middle East.

Attributes: *Arts and Humanities A*

**MUS 2930: Music Therapy Practicum I (1) Offerings**

Prerequisite: MUS 2560, 2561. 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. Extra fee. May be repeated for credit 3 times.

Restrictions: *Music Majors only.*

**MUS 3000: CCM:Studio Recording (5) Offerings**

Artists, via both the classroom and lab, will work with faculty, other students, and visiting experts to learn how to produce, record, mix, and edit recordings in a professional multi-track studio. Part of artist track.

Attributes: *Upper-Division*

**MUS 3001: CCM:Essentials of Songwriting (5) Offerings**

Artists will receive classroom instruction, participate in directed study with staff, and work in collaboration with other students to develop their use of form, melody, harmony, rhythm, and lyric. Part of the artist track.

Attributes: *Upper-Division*

**MUS 3002: CCM:Performance (4) Offerings**

In consultation with staff and executive track students, artists will develop a live concert presentation that best utilizes their gifts as musicians, entertainers, and communicators. Part of the artist track.

Attributes: *Upper-Division*

**MUS 3003: CCM:Artists and Repertoire (5) Offerings**

Executives will learn how to create a label business plan; analyze and forecast trends in popular music; assemble a successful artist roster; and, in tandem with artists, they will plan, budget, and produce recording sessions. Part of executive track.

Attributes: *Upper-Division*

**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. Offered Summer Quarter only. May be repeated for credit up to 6 credits.

Cross-listed Courses: *EDTC 5309, MUS 5309* Attributes: *Upper-Division* Restrictions: *Graduate are excluded.*

**MUS 3401: Music & Worship (2) Offerings**

A study of the philosophical, biblical, and theological relationships of music to worship in the Christian Church.

Attributes: *Arts and Humanities A, Upper-Division*

**MUS 3501: Elementary Music Education (3) Offerings**

This class covers basic approaches to teaching music in the elementary classroom for the regular classroom teacher. It focuses on music as a content area and music as it relates to arts in basic education. Elementary education certification students may take MUS 3501 toward General Education Arts and Humanities A credit.

Attributes: *Upper-Division* Restrictions: *Music Majors are excluded. Freshman*

students are excluded.

**MUS 3502: Music in Special Education (3) [Offerings](#)**

This course centers on methods and materials for using music and related arts with children who have special needs. Students will observe on-site classes with music specialists in the Seattle area. This course is designed for special education, music education and music therapy students.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 3503: Gen Music Methods & Materials (3) [Offerings](#)**

Prerequisite: MUS 2550 or EDU 2103. A survey of methods for instruction in elementary classroom music and secondary general music programs. Includes exposure to current materials available for instruction in those settings and preparation of materials appropriate to age levels.

Attributes: *Upper-Division* Restrictions: *Integrated Studies, Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 3504: Choral Mus Methods & Matrials (2) [Offerings](#)**

Prerequisite: MUS 2550 or permission of instructor. 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 Majors only. Freshman students are excluded.*

**MUS 3505: Instrmntl Mus Meths & Matrials (2) [Offerings](#)**

Prerequisite: MUS 2550. 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 Majors only. Freshman students are*

excluded.

**MUS 3506: Piano Pedagogy (3) Offerings**

Emphasis is upon developing a philosophy of music teaching at the primary to intermediate levels. Includes an examination of ideas and theories about learning and teaching, observation of teaching, the study of teaching strategies and literature, student teaching, and use of music technology. Includes supervised teaching. Offered alternate years.

Attributes: Upper-Division, Writing "W" Course

**MUS 3602: Magic of Opera (5) Offerings**

An in-depth study of selected masterpieces of standard operatic repertoire from an historical and aesthetic perspective. Ideas and themes of operas are related to social, moral, political, and religious issues confronting individuals in society. Attendance at live opera productions is a part of class activity. Offered alternate years.

Attributes: Arts and Humanities A, Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**MUS 3603: Choral Literature (2) Offerings**

Prerequisites: MUS 2601, 2602, and 2603. A survey of choral music representing historical forms, eras, and styles. Emphasis is on literature appropriate for choirs in grades 5-12. Consideration given for balance in programming. Offered alternate years.

Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**MUS 3604: Instrumental Literature (2) Offerings**

Prerequisites: MUS 1101, 1102, 1103. A survey of instrumental music appropriate for performance by groups in grades 5-12. Offered alternate years.

Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**MUS 3608: Music Technology Applications (5) [Offerings](#)**

Prerequisite: Must have elementary piano playing skills, no computer skills necessary. Students will have daily hands-on experience at an individual workstation consisting of a MIDI keyboard and Macintosh computer. The main emphasis will be on basic through advanced applications of the music notation software Finale. Additional student lessons will include desktop publishing and the introduction of Web-site portfolio programs. This course meets the requirements and is in place of Professional Quarter One, Education Technology EDTC 2235 for music education majors only. Extra fee. May be repeated for credit 2 times.

Attributes: *Upper-Division*

**MUS 3609: Advanced Music Technology (5) [Offerings](#)**

Prerequisite: MUS 3608. Students will become proficient with the music technology of the Yamaha O2R Digital Recording Mixer, Digidesign Protools, ADAT 16-track Audio Recording, and the basic production of a musical CD. May be repeated for credit 3 times.

Attributes: *Upper-Division* Restrictions: *Music, Music Education, Music Performance, Music Theory & Literature Majors only.*

**MUS 3931: Music Therapy Practicum II (1) [Offerings](#)**

Prerequisite: MUS 2930. 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 3 times.

Attributes: *Upper-Division* Restrictions: *Music Therapy Majors only.*

**MUS 4100: Composition (1-3) [Offerings](#)**

Prerequisites: MUS 2103 or permission of instructor. 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 up to 24 credits.

Attributes: *Upper-Division*

**MUS 4101: Instrumentation & Orchestration (3) [Offerings](#)**

Prerequisite: MUS 2103. A study of the history, technical limitations, and use of orchestral instruments. Practical experience in arranging for various combinations of instruments is provided. Offered alternate years.

*Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.*

**MUS 4102: Choral Arranging- IS (2) [Offerings](#)**

Prerequisites: MUS 1104, 1105, and 1106. A study of the basics regarding the use of voices in choral music and methods of arranging music for them. Practical experience in arranging for various choral ensembles is provided. Offered alternate years.

*Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.*

**MUS 4201: Individual Instruction-Flute (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

*Attributes: Upper-Division Restrictions: Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4202: Individual Instruction-Oboe (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

*Attributes: Upper-Division Restrictions: Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4203: Individual Instructn-Clarinet (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

*Attributes: Upper-Division Restrictions: Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4204: Individual Instruction-Bassoon (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

*Attributes: Upper-Division Restrictions: Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4205: Individual Instruction-Trumpet (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

*Attributes: Upper-Division Restrictions: Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4206: Individual Instruction-Horn (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

*Attributes: Upper-Division Restrictions: Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4207: Individual Instructn-Trombone (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

*Attributes: Upper-Division Restrictions: Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4208: Individual Instructn-Baritone (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

*Attributes: Upper-Division Restrictions: Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4209: Individual Instruction-Tuba (1-2) [Offerings](#)**



Extra fee. May be repeated for an unlimited number of credits.

Attributes: *Upper-Division* Restrictions: *Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4210: Individual Instr-Percussion (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

Attributes: *Upper-Division* Restrictions: *Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4211: Individual Instruction-Violin (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

Attributes: *Upper-Division* Restrictions: *Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4212: Individual Instruction-Viola (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

Attributes: *Upper-Division* Restrictions: *Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4213: Individual Instr-Violoncello (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

Attributes: *Upper-Division* Restrictions: *Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4214: Individual Instr-Double Bass (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

Attributes: *Upper-Division* Restrictions: *Music Majors only. Freshman, Sophomore*

students are excluded.

**MUS 4215: Individual Instruction-Harp (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

Attributes: Upper-Division Restrictions: Music Majors only. Freshman, Sophomore students are excluded.

**MUS 4216: Individual Instruction-Organ (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

Attributes: Upper-Division Restrictions: Music Majors only. Freshman, Sophomore students are excluded.

**MUS 4217: Individual Instruction-Piano (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

Attributes: Upper-Division Restrictions: Music Majors only. Freshman, Sophomore students are excluded.

**MUS 4218: Individual Instr-Harpsichord (1-3) [Offerings](#)**

(Extra fee) May be repeated for an unlimited number of credits.

Attributes: Upper-Division Restrictions: College of Arts and Sciences only. Freshman, Sophomore students are excluded.

**MUS 4219: Individual Instruction-Voice (1-2) [Offerings](#)**

Prerequisites: MUS 2260, 2261, or permission of instructor. Extra fee. May be repeated for an unlimited number of credits.

Attributes: Upper-Division Restrictions: Music Majors only. Freshman, Sophomore students are excluded.

**MUS 4220: Indiv Instr-Classical Guitar (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

*Attributes: Upper-Division Restrictions: Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4221: Individual Instruct-Saxophone (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

*Attributes: Upper-Division Restrictions: Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4223: Individual Instr-Jazz Guitar (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

*Attributes: Upper-Division Restrictions: Music, Music Education, Music Performance Majors only. Freshman, Sophomore students are excluded.*

**MUS 4224: Individual Instr-Jazz Piano (1-2) [Offerings](#)**

Extra fee. May be repeated an unlimited number of times.

*Attributes: Upper-Division Restrictions: Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4225: Individual Instr-Harpsichord (1-2) [Offerings](#)**

Extra fee. May be repeated for an unlimited number of credits.

*Cross-listed Courses: MUS 2225 Attributes: Upper-Division Restrictions: Music Majors only.*

**MUS 4261: Sacred Vocal Repertoire (3) [Offerings](#)**

Prerequisites: MUS 1260, 2219. A study of some of the great sacred solo vocal

repertoire. Special attention will be given to solo cantata and oratorio literature, and appropriate performance practice.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 4262: Vocal Pedagogy & Techniques (2) [Offerings](#)**

Prerequisites: MUS 1260, 2219. This course is designed to explore and understand the nature of the singing voice and methods of vocal instruction.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**MUS 4301: Choral Society: Gospel Choir (1) [Offerings](#)**

A choral ensemble specializing in the preparation, study, and performance of Gospel music. May be repeated for credit up to 12 credits.

Cross-listed Courses: *MUS 2301* Attributes: *Upper-Division*

**MUS 4303: Seattle Pacific Singers (1) [Offerings](#)**

Selected scholarship performing group that represents the University in various public relations endeavors. May be repeated an unlimited number of times.

Attributes: *Upper-Division* 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* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 4305: Women's Choir (2) [Offerings](#)**

A choral ensemble of women. Participates in major choral concerts throughout the year. Occasional performances for chapels, at the annual Lessons and Carols, and at selected churches and community organizations as an outreach of the University. Ensemble may tour during school year, including Spring Break. May be repeated for an unlimited number of credits.

Attributes: *Arts and Humanities A, Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 4306: Brass Ensemble (1) Offerings**

Brass Ensemble May be repeated an unlimited number of times.

Attributes: *Arts and Humanities A, Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 4307: Percussion Ensemble (1-2) Offerings**

Percussion Ensemble May be repeated an unlimited number of times.

Attributes: *Arts and Humanities A, Upper-Division* 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: *Arts and Humanities A, Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 4309: String Ensemble (1) Offerings**

String Ensemble May be repeated an unlimited number of times.

Attributes: *Arts and Humanities A, Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 4310: Keyboard Ensemble (1) Offerings**

Emphasis on piano duet and two-piano literature, as well as accompanying skills. May be repeated an unlimited number of times.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 4311: Jazz Ensemble (2) Offerings**

An organization that specializes in the preparation, study, and performance of music from jazz literature. May be repeated an unlimited number of times.

Attributes: *Arts and Humanities A, Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 4312: Men's 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, at the annual service of Lessons and Carols, and at selected churches and community organizations as an outreach of the University. May be repeated for an unlimited number of credits.

Attributes: *Arts and Humanities A, Upper-Division* 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 for an unlimited number of credits.

Cross-listed Courses: *MUS 2313* Attributes: *Arts and Humanities A, Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 4340: Chamber Ensemble: Gamelan (1) Offerings**

**MUS 4340: Chamber Ensemble: Worship Band (1) Offerings**

**MUS 4340: Chambr Music: Clarinet Quartet (1) Offerings**

Includes chamber music experience of various types-woodwind, brass, string, Javanese gamelan, percussion, and mixed. May be repeated for an unlimited number of credits.

Attributes: *Arts and Humanities A, Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 4350: Concert Choir (2) Offerings**

A choral ensemble of men and women, Concert Choir performs several major concerts during each academic year and tours each Spring. May be repeated for an unlimited number of credits.

Attributes: *Arts and Humanities A, Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 4351: Symphonic Wind Ensemble (2) Offerings**

As a group of selected wind and percussion players, this ensemble provides an opportunity for in-depth experience in the performance of wind ensemble and band repertoire. May be repeated for an unlimited number of credits.

Attributes: *Arts and Humanities A, Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 4353: Symphony Orchestra (2) Offerings**

An ensemble of strings with selected woodwinds, brass, and percussion instruments, performing works from the extensive orchestral literature. May be repeated for an unlimited number of credits.

Attributes: *Arts and Humanities A, Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 4360: Opera Workshop (1-2) Offerings**

Practical experience in preparation and performance of scenes from opera repertoire. May be repeated for an unlimited number of credits.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are*

excluded.

**MUS 4401: 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: *Arts and Humanities A, Upper-Division*

**MUS 4402: History & 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.

Cross-listed Courses: *MUS 2402* Attributes: *Arts and Humanities A, Upper-Division, Writing "W" Course* Restrictions: *Junior, Senior students only.*

**MUS 4654: Context Studies in Music I (3) [Offerings](#)**

**MUS 4654: Context Studies:Psych of Music (3) [Offerings](#)**

Prerequisites: MUS 1101, 1102, 1103, 2601, 2602, and 2603. This course along with MUS 4655 involves an integrative approach to advanced musicianship while dealing in-depth with selected topics. The process includes reading, writing, listening, analysis, composition, improvisation, and computer notation. Topics change yearly. Past topics have included Beethoven: Age of Revolution and Restoration; Passion Settings from Plainsong to Paert; From Taverner to Tavener: Music of the English Church; The Genius of Bach; African Music; World Music; The Symphonies of Gustav Mahler; The Magnificat; Chamber Music; The Operas of Mozart and Beethoven; 20th-Century American Composers and Their Music; the Cantata; Masters of the keyboard, and Psychology of Music. May be repeated for credit 3 times.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4655: Context Studies II:Pacific Rim (3) [Offerings](#)**

Prerequisites: MUS 1101, 1102, 1103, 2601, 2602, and 2603. This course along with MUS 4654 involves an integrative approach to advanced musicianship while



dealing in-depth with selected topics. The process includes reading, writing, listening, analysis, composition, improvisation, and computer notation. Topics change yearly. Past topics have included Beethoven: Age of Revolution and Restoration; Passion Settings from Plainsong to Paert; From Taverner to Taverner: Music of the English Church; The Genius of Bach; African Music; World Music; The Symphonies of Gustav Mahler; The Magnificat; Chamber Music; The Operas of Mozart and Beethoven; 20th-Century American Composers and Their Music; the Cantata, and Masters of the keyboard. May be repeated for credit 3 times.

Attributes: Upper-Division, Writing "W" Course Restrictions: Music Majors only. Freshman, Sophomore students are excluded.

**MUS 4701: Choral Conducting (3) Offerings**

Prerequisites: MUS 1107, 1108, 1109. A course designed to develop advanced choral conducting skill and techniques.

Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**MUS 4702: Instrumental Conducting (3) Offerings**

Prerequisite: MUS 1107, 1108, 1109, or equivalent. A course designed to teach elementary score reading, baton techniques, instrumentation, and conducting with an instrumental emphasis. Offered alternate years.

Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**MUS 4800: Research Methods: Music Therapy (2) Offerings**

The course examines research as related to music therapy. Qualitative and quantitative methods are investigated. Students will develop an understanding of how evidence based research supports clinical and educational practice.

Attributes: Upper-Division

**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* 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* Restrictions: *Music Therapy Majors only.*

**MUS 4898: Current Issues - Music Therapy (2) [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; students are expected to create a marketing plan/porftfolio. Guest speakers are featured to focus on specific topic areas. Individualized meetings with faculty assist students in internship placement.

Attributes: *Upper-Division*

**MUS 4899: Mus,Musician & Religious Exprnc (3) [Offerings](#)**

Prerequisites: MUS 1101, 1102, 1103, 2601, 2602, and 2603. This capstone course, along with MUS 4654 and 4655, involves an integrative approach to advanced musicianship. The process includes reading, writing, listening, analysis, composition, improvisation, counterpoint, and computer notation. The in-depth study of great works such as Bach's "St. Matthew Passion," Beethoven's "Missa Solemnis," Brahms' "German Requiem," and Mahler's "Resurrection Symphony" provides the student the opportunity to reflect on the integration of his or her discipline and faith, larger liberal arts experience, and sense of vocation. Counts toward the context studies requirement.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Music Majors only. Freshman, Sophomore students are excluded.*

**MUS 4900: Independent Study (1-5) [Offerings](#)**

**MUS 4900: Music Therapy: Prof Preprtn-IS (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 4920: Directed Readings in Music Edu (1-5) [Offerings](#)**

Independent study in music education. May be repeated for credit up to 9 credits.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 4921: Directed Readings in Music His (1-5) [Offerings](#)**

Independent study in music history. May be repeated for credit up to 9 credits.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**MUS 4922: Dir Rdngs:Psychology of Music (1-5) [Offerings](#)**

Dir Rdngs:Psychology of Music

Attributes: *Upper-Division*

**MUS 4930: Practicum (1-5) [Offerings](#)**

Practicum

Attributes: *Upper-Division*

**MUS 4931: Music Therapy Practicum III (1-5) [Offerings](#)**

Prerequisite: MUS 3931. 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 2 times.

Attributes: *Upper-Division* Restrictions: *Music Therapy Majors only.*

**MUS 4935: CCM:Practicum (1) Offerings**

Each student will participate in an intensive weeklong practicum. Briefings, tours, and meetings will be arranged with leading record companies, artist management firms, booking agencies, recording studios, concert promoters, writers, producers, and artists.

Attributes: *Upper-Division*

**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 Intern (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) [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 1 time.

Attributes: *Upper-Division* Restrictions: *Music Therapy Majors only.*

**MUS 4950: Special Topics in Music (1-5) [Offerings](#)**

**MUS 4950: Topics: Performance Skills (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 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.*

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## PHILOSOPHY

Marston Hall  
206-281-2036  
[spu.edu/depts/philosophy](http://spu.edu/depts/philosophy)

**FACULTY:** [Ken Himma](#), [Steve Layman](#), [Patrick McDonald](#), [Rebekah Rice](#)

Philosophy is the attempt to answer certain persistent human questions. These questions 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, one 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.

Philosophy majors often train for careers in law, the ministry, the computer industry, and education, but philosophers are also found in most other professional fields. Serious students in all majors are encouraged to consider philosophy as a second major.

### **Admission to the Major or Minor**

Applicants for a major or minor in philosophy must display a cumulative GPA of 2.5 or higher (4.0 = A) in all college work applicable to the degree, or 3.0 in the 45 credits immediately preceding application to the major or minor. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor. [Requirements for the Philosophy Major.](#)

Students who choose philosophy as a second major must earn a total of 50 credits, 25 of which must be upper-division. The distribution of the 50 credits among the various areas is similar to that shown at the link above. However, the student may omit 5 credits from the history, systematic, or elective courses with the approval of the philosophy faculty.

All students who complete the philosophy major must be proficient in a foreign language. Proficiency is established upon satisfactory completion of the third quarter of a first-year college-level foreign language or its equivalent.

For alternative ways of satisfying this requirement, see the [Competency Requirements](#) section of this *Catalog*. Language proficiency is not satisfied as part of the community college direct transfer degree unless the transcript records the completion of adequate foreign language coursework.

[Requirements for the Philosophy Minor.](#)

## PHILOSOPHY MAJOR

55 Credits Minimum, Including 25 Upper Division (UD)

### Suggested Course Sequence

#### **Introductory Course**

Course	Credits
PHI 1002 <a href="#">History of Ethics</a> (5)	5
PHI 1004 <a href="#">Survey of Western Philosophy</a> (5)	

**SECTION CREDITS REQUIRED 5**

#### **History Courses**

Course	Credits
PHI 3601 <a href="#">Ancient Philosophy</a>	5
PHI 3602 <a href="#">Medieval Philosophy</a>	3
PHI 3633 <a href="#">Early Modern Philosophy</a>	5

**SECTION CREDITS REQUIRED 13**

#### **Systematic Courses**

Course	Credits
PHI 1001 <a href="#">Power of Logic</a>	5
PHI 2001 <a href="#">Advanced Logic</a>	3
PHI 3651 <a href="#">Contemporary Ethical Theory</a>	5
PHI 4652 <a href="#">Contemporary Metaphysics</a>	5
PHI 3999 <a href="#">Mind &amp; Immortality</a> (3)	3
PHI 4653 <a href="#">Contemporary Epistemology</a> (3)	

**SECTION CREDITS REQUIRED 21**

#### **Capstone**

Course	Credits
PHI 4898 <a href="#">Existence of God</a> (3)	3
PHI 4899 <a href="#">Philosophical Theology</a> (3)	

**SECTION CREDITS REQUIRED 3**

#### **Electives**

Course	Credits
PHI 2222 <a href="#">Social Ethics</a> (3)	13
PHI 2500 <a href="#">Philosophy of Science</a> (3)	
PHI 2801 <a href="#">C.S.Lewis &amp; Values</a> (3)	
PHI 2999 <a href="#">Aesthetics</a> (3)	
PHI 3606 <a href="#">Continental Philosophy</a> (5)	
PHI 3770 <a href="#">Topics in Political Philosophy</a> (3)	
PHI 3801 <a href="#">C.S.Lewis &amp; Values</a> (3)	
USCH 1113 <a href="#">Texts and Contexts III</a> (5)	

HIS 3435 <a href="#">Marxism:20thCent Theory &amp; Prac</a> (3)	
THEO 4401 <a href="#">Representative Theologians</a> (5)	
UCOR 3000 <a href="#">Belief, Morality &amp; Modern Mind</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>13</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>55</b>

**Additional Requirements:**  
Foreign Language is required for this major.  
See faculty advisor for details.

### PHILOSOPHY MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

<b>Philosophy Minor Core Requirements</b>	
<b>Course</b>	<b>Credits</b>
PHI 1002 <a href="#">History of Ethics</a> (5)	5
PHI 1004 <a href="#">Survey of Western Philosophy</a> (5)	

<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
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### Electives in Philosophy (15-17 credits; 12 UD)

<b>Course</b>	<b>Credits</b>
PHI 2001 <a href="#">Advanced Logic</a> (3)	15
PHI 2222 <a href="#">Social Ethics</a> (3)	
PHI 2500 <a href="#">Philosophy of Science</a> (3)	
PHI 2801 <a href="#">C.S.Lewis &amp; Values</a> (3)	
PHI 2999 <a href="#">Aesthetics</a> (3)	
PHI 3651 <a href="#">Contemporary Ethical Theory</a> (5)	
PHI 3606 <a href="#">Continental Philosophy</a> (5)	
PHI 3770 <a href="#">Topics in Political Philosophy</a> (3)	
PHI 3801 <a href="#">C.S.Lewis &amp; Values</a> (3)	
PHI 3999 <a href="#">Mind &amp; Immortality</a> (3)	
PHI 4652 <a href="#">Contemporary Metaphysics</a> (5)	
PHI 4653 <a href="#">Contemporary Epistemology</a> (3)	
PHI 4898 <a href="#">Existence of God</a> (3)	
PHI 4899 <a href="#">Philosophical Theology</a> (3)	
USCH 1113 <a href="#">Texts and Contexts III</a> (5)	
UCOR 3000 <a href="#">Belief, Morality &amp; Modern Mind</a> (5)	
HIS 3435 <a href="#">Marxism:20thCent Theory &amp; Prac</a> (3)	
THEO 4401 <a href="#">Representative Theologians</a> (5)	

<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
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### Philosophy Minor History Courses



Course	Credits
PHI 3601 <a href="#">Ancient Philosophy</a> (5)	3
PHI 3602 <a href="#">Medieval Philosophy</a> (3)	
PHI 3633 <a href="#">Early Modern Philosophy</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Philosophy Minor Systematic Courses</b>	
Course	Credits
PHI 1001 <a href="#">Power of Logic</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

**COURSE DESCRIPTIONS:**

[PHI 1001](#) | [PHI 1002](#) | [PHI 1004](#) | [PHI 2001](#) | [PHI 2222](#) | [PHI 2500](#) | [PHI 2801](#) | [PHI 2999](#) | [PHI 3601](#) | [PHI 3602](#) | [PHI 3606](#) | [PHI 3633](#) | [PHI 3651](#) | [PHI 3770](#) | [PHI 3801](#) | [PHI 3999](#) | [PHI 4652](#) | [PHI 4653](#) | [PHI 4661](#) | [PHI 4898](#) | [PHI 4899](#) | [PHI 4900](#) | [PHI 4920](#) | [PHI 4921](#) | [PHI 4930](#) | [PHI 4940](#) | [PHI 4950](#) | [PHI 4970](#) | [VIEW ALL](#)

**PHI 1001: Power of Logic** (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 statement logic).

Attributes: *Arts and Humanities B*

**PHI 1002: History of Ethics** (5) [Offerings](#)

A survey of major philosophical ethicists emphasizing the works of Plato, Aquinas, Kant and Mill.

Attributes: *Arts and Humanities B*

**PHI 1004: Survey of Western Philosophy** (5) [Offerings](#)

This course surveys the main ideas, movements and figures in the history of western philosophy from Socrates to Wittgenstein.

Attributes: *Arts and Humanities B*

**PHI 2001: Advanced Logic** (3) [Offerings](#)

Prerequisite: PHI 1001. Covers these topics: predicate logic with identity and modal logic.

**PHI 2222: Social Ethics** (3) [Offerings](#)

Explores issues in applied ethics, including the following: Should abortion be illegal? Should assisted suicide be? Should men and women have different social roles? Is affirmative action or reparations for slavery morally justified? Does the U.S. owe Native Americans anything for having forcibly taken land from them? Should the law allow civil unions to same-sex couples? Do we have a moral duty to preserve the environment? Is eating meat wrong? May the state legitimately tax citizens to redistribute income from rich to poor? Is the death penalty morally justified?

**PHI 2500: Philosophy of Science** (3) [Offerings](#)

The course will examine philosophical issues raised by modern physics, biology and psychology (among other sciences). It will address questions such as the following: What distinguishes science from pseudo-science? Does science differ from philosophy and theology? Can scientific hypotheses be conclusively established through observation and experiment? What makes for a good scientific explanation? Does science converge on the truth about nature or provide merely useful predictive tools? What are the consequences of historical change in science for the rationality of science? Offered alternate years.

Attributes: *Arts and Humanities B*

**PHI 2801: C.S.Lewis & Values** (3) [Offerings](#)

Examines Lewis's insights into the nature of humanness, the meaning of life and the possibility of other worlds; evaluates Lewis's position on selected value issues, e.g., marriage, divorce and friendship.

**PHI 2999: Aesthetics** (3) [Offerings](#)

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? Offered alternate years.

Attributes: *Arts and Humanities B*

**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](#)**

Surveys the thought of some main medieval philosophers such as Augustine, Boethius, Anselm, Aquinas, Duns Scotus and William of Ockham. Attention will be mainly given to their metaphysical, epistemological and ethical theories.

Attributes: *Upper-Division, Writing "W" Course*

**PHI 3606: Continental Philosophy (5) [Offerings](#)**

Prerequisite: PHI 3601 or 3633. Surveys major philosophical figures in the continental tradition such as Hegel, Kierkegaard, Nietzsche, Heidegger, Gadamer, Derrida and Rorty. Offered alternate years.

Attributes: *Upper-Division, Writing "W" Course*

**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*

**PHI 3651: Contemporary Ethical Theory (5) [Offerings](#)**

Prerequisite: PHI 1002 is recommended. An in-depth examination of the main philosophical theories of ethics such as cultural relativism, subjectivism, the

divine command theory, ethical egoism, consequentialist views, deontological views and virtue ethics. Contemporary versions of these theories will be emphasized. Selected topics in metaethics will also be included, such as moral realism, morality and self-interest, moral knowledge.

Attributes: *Upper-Division, Writing "W" Course*

**PHI 3770: Topics in Political Philosophy (3) [Offerings](#)**

An In-depth study of a crucial topic in political philosophy. Examples include philosophical implications of the French Revolution, the rule of law, political obligation, Aristotle's politics and democracy. Offered alternate years. May be repeated for credit up to 6 credits.

Attributes: *Upper-Division, Writing "W" Course*

**PHI 3801: C.S.Lewis & Values (3) [Offerings](#)**

Examines Lewis's insights into the nature of humanness, the meaning of life and the possibility of other worlds; evaluates Lewis's position on selected value issues such as marriage, divorce and friendship.

Attributes: *Upper-Division, Writing "W" Course*

**PHI 3999: Mind & 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*

**PHI 4652: Contemporary Metaphysics (5) [Offerings](#)**

Prerequisite: PHI 1001. 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*

**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*

**PHI 4661: The Best of C.S.Lewis (3) [Offerings](#)**

Identifies basic literary, philosophical and theological categories of Lewis's work. Evaluates the insights in the great themes that permeate Lewis's literature through examining his major works, including Mere Christianity, Screwtape Letters, Great Divorce, Last Battle and The Four Loves. Incorporates lecture series.

Attributes: *Upper-Division*

**PHI 4898: Existence of God (3) [Offerings](#)**

Explores issues relevant to the existence of God, such as, religious experience, the problem of evil, theistic arguments (e.g. the cosmological argument, the design argument, the ontological argument, the moral argument), religious pluralism, and the merits of philosophical naturalism. Can fulfill the senior capstone requirement in philosophy.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**PHI 4899: Philosophical Theology (3) [Offerings](#)**

Explores philosophical questions arising from topics in theology, including the divine attributes (e.g. omnipotence, omniscience, perfect goodness), divine revelation, the Trinity, the Incarnation, and the Atonement. Can fulfill the senior capstone requirement in philosophy.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**PHI 4900: Independent Study (1-5) [Offerings](#)**

**PHI 4900: Spcl Tpcs:European Philsphy-IS (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, Senior students only.*

**PHI 4921: Dir Rdgns Phil Wrts C S Lewis (1-5) [Offerings](#)**

Offers directed study in the explicitly philosophical writings of Lewis, e.g., The Abolition of Man, The Problem of Pain, Miracles, The Four Loves, The Weight of Glory and Other Addresses, and God in the Dock. May be repeated for credit up to 5 credits.

Attributes: *Upper-Division*

**PHI 4930: Philosophy Practicum (1-5) [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 5 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, Senior students only.*

**PHI 4970: Independent Research (1-9) [Offerings](#)**

Independent Research

*[Attributes:](#) Upper-Division*

## PHYSICAL EDUCATION AND EXERCISE SCIENCE

Royal Brougham Pavilion  
206-281-2081  
[spu.edu/depts/pe](http://spu.edu/depts/pe)

**FACULTY:** [JoAnn Atwell-Scrivner](#), [Dale Cannavan](#), [Bud Turner](#)

### Mission

The faculty and staff in the Department of Physical Education and Exercise Science are committed to delivering programs that promote health through physical activity while valuing and examining physical activity through a Christian worldview. A primary goal of the Physical Education and Exercise Science Department is to promote healthy lifestyles through good decision-making, improved fitness, and lifetime movement skills.

### Career Opportunities

- **Physical education majors** proceed through a sequential, comprehensive curriculum that prepares them to enter a variety of movement-related professions, including teaching, fitness training, and recreational leadership.
- **Exercise science majors** often pursue such diverse fields as physical therapy, occupational therapy medical school, sport medicine, corporate fitness, and cardiac rehabilitation.

### Admission and GPA Requirement

- In order to apply for a major or minor in physical education or exercise science, students must have a minimum 2.5 GPA in at least 9 credits taken at SPU that apply to the major or minor.
- A student must complete major or minor requirements in effect when the student is admitted to the major or minor.
- All physical education and exercise science majors are required to complete the 36 credits of core courses. Each of the majors has 36 additional required credits for the specific majors for a total of 72 credits. Within the 36 additional credits, the exercise science major contains 7 elective credits and the physical education major has 9 elective credits.
- Both majors require the same capstone course (PE 4899), which requires students to research a topic, write a well-documented paper, and present it before a group of their professors and peers.
- There are minors offered in physical education and exercise science, each requiring 36 credits.

### Requirements for the Majors

#### [Requirements for the Physical Education Major](#)

*Note: For teacher certification, refer to the [School of Education](#) for admission requirements and details.*

#### [Requirements for the Exercise Science Major](#)

### Requirements for the Minors

#### [Requirements for the Physical Education Minor](#)

#### [Requirements for the Exercise Science Minor](#)



### Lifetime Activities Program

[Lifetime activities classes](#) provide an opportunity for the student to experience diverse physical activity options. The Department of Physical Education and Exercise Science offers a wide spectrum of activity classes in which basic skills can be learned and refined to the point of independent participation.

### Integrated Studies Major with a concentration in Health and Fitness (For students seeking K-8 certification)

Students who are planning to obtain elementary school certification and are interested in health and fitness must major in the [Integrated Studies major](#) with a concentration in Health and Fitness.

- The concentration consists of courses in nutrition, health, and physical education.
- [Application \(PDF\)](#) to this major is through the advisor for the health and fitness concentration, Dr. Sharon Young ([syoung@spu.edu](mailto:syoung@spu.edu)).
- Further information on the [elementary certification program](#) is available in the [School of Education](#) section of the *Undergraduate Catalog*.
- [Requirements for Integrated Studies: Health and Fitness concentration](#)
- [Requirements for Elementary Certification](#)

### Requirements for Health and Fitness Endorsement

Students seeking to obtain a Washington state teaching endorsement in health and fitness must complete a minimum of 45 credits in physical education to obtain their original/first endorsement or a minimum of 24 credits in physical education to obtain a supporting/ second endorsement.

See [Certification Requirements](#) in School of Education for more information. Advisor Dr. JoAnn Atwell-Scrivner can be contacted at [jaas@spu.edu](mailto:jaas@spu.edu) or 206-281-2941.

### PHYSICAL EDUCATION MAJOR

72 Credits Minimum, Including 35 Upper Division (UD)

#### [Suggested Course Sequence](#)

General Core	
Course	Credits
BIO 2129 <a href="#">Human Anatomy &amp; Physiology</a> (5)	10
BIO 2130 <a href="#">Human Anatomy &amp; Physiology</a> (5)	
PES 1301 <a href="#">Wellness and Physical Activity</a>	3
PES 2195 <a href="#">Philosophy&amp;Resrch in Hlth/Phys</a>	5
PES 3560 <a href="#">Psy Aspects of Health/Phys Act</a>	3
PES 3570 <a href="#">Biomechanics</a>	5
PES 3580 <a href="#">Exercise Physiology</a>	5
PES 4899 <a href="#">Contempry Iss Health&amp;Phys Actv</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>36</b>

<b>Physical Education Requirements</b>	
<b>Course</b>	<b>Credits</b>
PES 2613 <u>Tchg Alternatv Games&amp;Assesmnts</u>	2
PES 2614 <u>Teaching Team Sports</u>	2
PES 2615 <u>Teaching Leisure Activities</u>	2
PES 2616 <u>Teaching Individual Sports</u>	2
PES 2617 <u>Teaching Health and Fitness</u>	2
PES 3510 <u>Teaching Physical Education</u>	5
PES 3545 <u>Programs for Special Populatns</u>	3
PES 3555 <u>Methods of Teaching Health</u>	5
PES 3575 <u>Motor Learning &amp; Development</u>	4
<b>SECTION CREDITS REQUIRED</b>	<b>27</b>
<b>Physical Education Electives</b>	
<b>Course</b>	<b>Credits</b>
PES 2550 <u>Responding to Emergencies</u> (3)	
PES 3590 <u>Sport Injury Management</u> (4)	
PES 4555 <u>Community Health Promotion</u> (3)	
PES 4575 <u>Coaching and Training Seminar</u> (4)	
PES 4585 <u>Applied Exercise Science</u> (5)	9
PES 4595 <u>Admin of Progrms:Hlth&amp;Phys Act</u> (5)	
PES 4900 <u>Independent Study</u> (1-5)	
PES 4930 <u>Exercise Science Practicum</u> (1-5)	
PES 4940 <u>Internship</u> (1-15)	
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>72</b>

### PHYSICAL EDUCATION MINOR

36 Credits Minimum, Including 15 Upper Division (UD)

<b>PE Minor Course Requirements</b>	
<b>Course</b>	<b>Credits</b>
PES 1301 <u>Wellness and Physical Activity</u>	3
PES 2195 <u>Philosophy&amp;Resrch in Hlth/Phys</u>	5
PES 3510 <u>Teaching Physical Education</u>	5
PES 3560 <u>Psy Aspects of Health/Phys Act</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>16</b>

<b>PES 2600 Series (Minimum of three classes)</b>	
<b>Course</b>	<b>Credits</b>
PES 2613 <a href="#">Tchg Alternatv Games&amp;Assesmnts</a> (2)	6
PES 2614 <a href="#">Teaching Team Sports</a> (2)	
PES 2615 <a href="#">Teaching Leisure Activities</a> (2)	
PES 2616 <a href="#">Teaching Individual Sports</a> (2)	
PES 2617 <a href="#">Teaching Health and Fitness</a> (2)	
<b>SECTION CREDITS REQUIRED</b>	<b>6</b>
<b>PES Electives (no more than 10 BIO credits)</b>	
<b>Course</b>	<b>Credits</b>
BIO 1100 <a href="#">Biological Science</a> (5)	14
BIO 2129 <a href="#">Human Anatomy &amp; Physiology</a> (5)	
BIO 2130 <a href="#">Human Anatomy &amp; Physiology</a> (5)	
PES 2550 <a href="#">Responding to Emergencies</a> (3)	
PES 3555 <a href="#">Methods of Teaching Health</a> (5)	
PES 3575 <a href="#">Motor Learning &amp; Development</a> (4)	
PES 3590 <a href="#">Sport Injury Management</a> (4)	
PES 4555 <a href="#">Community Health Promotion</a> (3)	
PES 4585 <a href="#">Applied Exercise Science</a> (5)	
PES 4900 <a href="#">Independent Study</a> (1-5)	
PES 4930 <a href="#">Exercise Science Practicum</a> (1-5)	
PES 4940 <a href="#">Internship</a> (1-15)	
<b>SECTION CREDITS REQUIRED</b>	<b>14</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>36</b>

**COURSE DESCRIPTIONS:**

[PES 1100](#) | [PES 1108](#) | [PES 1109](#) | [PES 1110](#) | [PES 1115](#) | [PES 1116](#) | [PES 1117](#) | [PES 1120](#) | [PES 1125](#) | [PES 1130](#) | [PES 1135](#) | [PES 1145](#) | [PES 1150](#) | [PES 1155](#) | [PES 1160](#) | [PES 1165](#) | [PES 1166](#) | [PES 1167](#) | [PES 1175](#) | [PES 1180](#) | [PES 1185](#) | [PES 1190](#) | [PES 1195](#) | [PES 1199](#) | [PES 1200](#) | [PES 1301](#) | [PES 1455](#) | [PES 1456](#) | [PES 1460](#) | [PES 1465](#) | [PES 1470](#) | [PES 1471](#) | [PES 1475](#) | [PES 1476](#) | [PES 1480](#) | [PES 1481](#) | [PES 1495](#) | [PES 2185](#) | [PES 2195](#) | [PES 2550](#) | [PES 2613](#) | [PES 2614](#) | [PES 2615](#) | [PES 2616](#) | [PES 2617](#) | [PES 3510](#) | [PES 3515](#) | [PES 3545](#) | [PES 3555](#) | [PES 3560](#) | [PES 3570](#) | [PES 3575](#) | [PES 3580](#) | [PES 3590](#) | [PES 3600](#) | [PES 4555](#) | [PES 4575](#) | [PES 4585](#) | [PES 4590](#) | [PES 4595](#) | [PES 4899](#) | [PES 4900](#) | [PES 4930](#) | [PES 4931](#) | [PES 4940](#) | [PES 4950](#) | [PES 4960](#) | [VIEW ALL](#)

**PES 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.

**PES 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.

**PES 1109: Weight Training (2) [Offerings](#)**

Covers the scientific principles of weight training, exercise selection, safety, fundamental techniques in lifting machine and free weights, program design variables, workout monitoring and personal orientations required for independent weight training. Students will need an active SPU e-mail account for this course, as initial instructions will be sent to students through that account and scheduled workout reporting must be submitted to faculty through that account.

**PES 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. Extra fee.

**PES 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.

**PES 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.

**PES 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.

**PES 1120: Hiking (2) [Offerings](#)**

During the first six Saturdays in the Fall students will experience Northwest trails and beauty spots on one-day wilderness treks along beaches, forests or mountain trails. Extra fee.

**PES 1125: Snowshoeing or Cross-Cntry Ski (2) [Offerings](#)**

Introduces students to snowshoeing or cross-country skiing as lifetime activities, and provides students with knowledge and skills to safely enjoy these sports. Extra Fee.

**PES 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.

**PES 1135: Rowing (2) [Offerings](#)**

Introduces students to basic rowing techniques, skills, equipment and conditioning for continued involvement in recreational, fitness or competitive rowing. Extra fee.

**PES 1145: Canoeing & Kayaking (2) [Offerings](#)**

Introduces students to canoeing and kayaking as leisure activities. Emphasis is given to practicing skills on flat water. Extra fee.

**PES 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. Extra fee.

**PES 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. Extra fee.

**PES 1160: Conditioning (2) [Offerings](#)**

Covers the scientific principles of cardiovascular conditioning, exercise selection, safety, program design variables, workout monitoring and personal orientations required for independent fitness training. Students need an active SPU e-mail account for this course, as initial instructions will be sent to students through that account and scheduled workout reporting must be submitted to faculty through that account.

**PES 1165: Introduction to Dance (2) [Offerings](#)**

Introduces students to basic techniques and rhythms of one of several dance styles including aerobics, jazz, hip-hop, folk, ballet, improvisational and creative dance.

**PES 1166: Dance Techniques: Modern & Jazz (2) [Offerings](#)**

Introduces students to techniques and rhythms of Modern dance and Jazz.

**PES 1167: Social Dance Techniques: Men (2) [Offerings](#)**

**PES 1167: Social Dance Techniques: Women (2) [Offerings](#)**

Introduces students to current social dance techniques such as ballroom, swing and Latin dance.

**PES 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.

**PES 1180: Golf (2) [Offerings](#)**

Introduces students to the fundamental skills, techniques and rules of golf for enjoyment as a recreational sport. Extra fee.

**PES 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.

**PES 1190: Tennis (2) [Offerings](#)**

Introduces students to the fundamental skills, game strategies, rules and personal orientations required for playing tennis at a beginning level.

**PES 1195: Scuba (2) [Offerings](#)**

Introduces students to skin and scuba diving as leisure activities. Involves the classroom, pool and open-water training required for skin or scuba diving certification. Extra fee.

**PES 1199: Leadership Camp (2) [Offerings](#)**

Provides personal growth and self-discovery through a multi-day wilderness experience before the beginning of Autumn Quarter. Extra fee.

**PES 1200: Softball (2) [Offerings](#)**

Introduces students to softball as a leisure activity and provides students with knowledge and skills to safely and enjoyably participate in both versions of slow pitch and fast pitch.

**PES 1301: Wellness and Physical Activity (3) [Offerings](#)**

**PES 1301: Wellnss/Phys Actvty:Wilderness (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 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 will be offered prior to the start of Autumn Quarter.

**PES 1455: Men's Basketball (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1456: Women's Basketball (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1460: Women's Gymnastics (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1465: Cross Country (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1470: Men's Soccer (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1471: Women's Soccer (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.



**PES 1475: Track & Field (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1476: Indoor Track (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1480: Men's Crew (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1481: Women's Crew (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 1495: Women's Volleyball (1) [Offerings](#)**

Open only to eligible varsity intercollegiate athletes. May be repeated for credit 3 times.

**PES 2185: Health & 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.

**PES 2195: Philosophy&Resrch in Hlth/Phys (5) [Offerings](#)**

This course focuses on the philosophy and research of how exercise, fitness, play, games and sport evolved in American culture. Using several interpretive frameworks, the course explores topics such as the mind/body relationship, family and peer influences, and the impact of gender, race, religion, subcultures,

social movements, urbanization, technology and socioeconomics on the way contemporary society views health and participates in physical activity. Students are also introduced to current research methods in the field of health and physical activity.

Attributes: *Writing "W" Course*

**PES 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. Extra fee.

Restrictions: *Freshman students are excluded.*

**PES 2613: Tchg Alternatv Games&Assesmnts (2) [Offerings](#)**

Covers a variety of alternative activities and success-oriented instructional strategies for non-traditional games and sports played throughout the world. A variety of appropriate assessments will also be included.

**PES 2614: Teaching Team Sports (2) [Offerings](#)**

Covers the fundamental skills, basic rules, terminology, assessments, and teaching techniques necessary to plan and deliver effective instruction in selected team sports such as softball, basketball, football (American and Australian rules), soccer, team handball, volleyball, and selected global sports.

**PES 2615: Teaching Leisure Activities (2) [Offerings](#)**

Covers the fundamental skills, basic rules, terminology, assessments, and teaching techniques necessary to plan and deliver effective instruction in selected leisure activities such as archery, bowling, badminton, disc sports, rope skipping, dance, roller skating, pickleball, racquetball and table tennis.

**PES 2616: Teaching Individual Sports (2) [Offerings](#)**

Covers the fundamental skills, basic rules, terminology, assessments, and teaching techniques necessary to plan and deliver effective instruction in selected individual sports such as golf, gymnastics, tennis, track and field, etc.

**PES 2617: Teaching Health and Fitness (2) [Offerings](#)**

Covers the fundamental skills, scientific guidelines, terminology and teaching techniques necessary to plan and deliver effective instruction in activities designed for health and fitness such as aerobic dance, bicycling, inline and roller skating, running, walking, and the use of standard fitness equipment including cycling and rowing ergometers, pedometers, exercise balls, a stair climber, an elliptical trainer, and free and machine weights. Work will also center around the State Health and Physical Education tests. Extra fee.

**PES 3510: Teaching Physical Education (5) [Offerings](#)**

Prerequisites: PES 1301 and 2195, or PHY 2567, or instructor permission. Explores physical education curriculum, activities and teaching strategies for elementary, middle school and high school students. Content includes lesson and unit design, effective teaching models for fitness and sport skill development, and classroom management that promotes cooperation and safety. Course provides a controlled and supervised micro-teaching experience.

*Attributes: Upper-Division Restrictions: Freshman students are excluded.*

**PES 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.*

**PES 3545: Programs for Special Populatns (3) [Offerings](#)**

Studies disabilities and how physical education and other recreation activities can be matched with disabled and elderly people's need for participation and/or correction.

*Attributes: Upper-Division Restrictions: Exercise Science, Physical Education*

*Majors only. Freshman, Sophomore students are excluded.*

**PES 3555: Methods of Teaching Health (5) [Offerings](#)**

Prerequisites: PES 1301 and 2195. 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.*

**PES 3560: Psy Aspects of Health/Phys Act (3) [Offerings](#)**

Prerequisites: PES 1301, 2195. This course explores the psychological attributes necessary for sustained and successful implementation of a healthy and physically active lifestyle. Positive performance enhancers such as drive, commitment, confidence, focus, perseverance, intuition and trust will be examined as well as the implications of performance inhibitors such as anxiety, delusion, excessive ambition and aggression. Students become familiar with important motivation and intervention strategies such as psyching and relaxation, imagery and visualization, goal setting and causal attribution that lead to a fully functioning self system. The course incorporates significant use of narrative fiction and nonfiction books and film to illustrate the content.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Exercise Science, Physical Education Majors only. Freshman, Sophomore students are excluded.*

**PES 3570: Biomechanics (5) [Offerings](#)**

Prerequisite: BIO 2129 or permission of instructor; PES 1301 is highly recommended. Course provides information regarding the structure and function of the musculoskeletal systems and is divided into three sections. Section one reviews functional anatomy including shoulder, elbow, hip, knee and spine. Section two examines the basic principles of motion through discussion and laboratory experiment with such topics as nature of forces, Newton's laws, ground and fluid forces, work, power, energy, torque, levers and center of gravity. Section three offers analyses of selected activities including weight training, running, cycling, swimming. Lab session required.

Cross-listed Courses: *PE 5570* Attributes: *Upper-Division* Restrictions: *Freshman,*

*Sophomore students are excluded.*

**PES 3575: Motor Learning & Development (4) [Offerings](#)**

Prerequisites: PES 1301 and 2195, or permission of instructor. Explores theories and constructs relevant to the acquisition and performance of movement skills. After reviewing nervous system structure, 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. Students will visit a host school once a week and film students on specified locomotor and/or sport skills.

*Attributes: Upper-Division Restrictions: Freshman students are excluded.*

**PES 3580: Exercise Physiology (5) [Offerings](#)**

**PES 3580: Exercise Physiology-Lab (0) [Offerings](#)**

Prerequisite: BIO 2130 and PES 1301 or permission of instructor. Gives description and explanation of physiological responses and adaptations to exercise, emphasizing improvement of athletic performance and understanding the mechanisms whereby exercise may enhance health. Course includes laboratory.

*Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.*

**PES 3590: Sport Injury Management (4) [Offerings](#)**

Prerequisite: BIO 2129. 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.*

**PES 3600: Physical Education Tchng Lab (1) [Offerings](#)**

Prerequisite: PES 3510 or 3515. Course provides a controlled and supervised

micro-teaching experience. Emphasis is on lesson design, classroom management and various methods of teaching. May be repeated for credit 3 times.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**PES 4555: Community Health Promotion (3) [Offerings](#)**

Prerequisites: PES 1301 and 2195. 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*

**PES 4575: Coaching and Training Seminar (4) [Offerings](#)**

Prerequisites: PES 1301, 2195, 3570 and 3580. Reviews and integrates the scientific principles of musculoskeletal and cardiovascular training and presents an overview of nutritional planning for sport performance. The course offers a laboratory experience for designing fundamental training paradigms and effective coaching strategies that enhance athleticism, sport-specific conditioning, and positional expertise and skill in sports.

Attributes: *Upper-Division* Restrictions: *Senior students only.*

**PES 4585: Applied Exercise Science (5) [Offerings](#)**

Prerequisites: PES 3570, 3580. Explores internship and employment opportunities in exercise science, examines the relationships between and the determinants of physical activity and public health, and develops skills in fitness testing and exercise prescription for health and human performance.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**PES 4590: Advanced Athletic Training Tec (3) [Offerings](#)**

Prerequisites: BIO 2129, 2130 and PES 3590. 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.*

**PES 4595: Admin of Progrms:Hlth&Phys Act (5) [Offerings](#)**

Offers information and experiences related to organizing and administering sport and exercise programs in both public and private sectors. The course is divided into three sections. Section one presents a business model including leadership, business plans, strategic planning, communication, team building, decision making, conflict management, change, policies and procedures, technology, time and stress management. Section two explores practical applications related to sport and exercise including managing programs, facilities, personnel, finances and marketing. Section three addresses the legal issues that govern sport and exercise including constitutional, contract and tort law. This course also serves as a resource for required senior colloquium.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman, Junior, Sophomore students are excluded.*

**PES 4899: Contempry Iss Health&Phys Actv (1-2) [Offerings](#)**

This PES 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, Physical Education Majors only. Senior students only.*

**PES 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, Physical Education, Student-Designed Majors only. Freshman, Sophomore students are excluded.*

**PES 4930: Exercise Science Practicum (1-5) Offerings**

Prerequisites: PES 3570, 3580. 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*

**PES 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*

**PES 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, Physical Education, Student-Designed Majors only. Freshman, Sophomore students are excluded.*

**PES 4950: Special Topics (1-5) Offerings**

Special courses offered upon demand and/or department's discretion. May be repeated for credit up to 5 credits.

Attributes: *Upper-Division* Restrictions: *Physical Education Majors only. Freshman, Sophomore students are excluded.*



**PES 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, Physical Education, Recreation & Sports Management Majors only. Junior, Senior students only.*

## PHYSICAL SCIENCES B.A. (The SPU degree awarded for the 3-2 Transfer Program.)

Otto Miller Hall  
206-281-2140  
[www.spu.edu/depts/ee](http://www.spu.edu/depts/ee)

**FACULTY:** [Elaine Scott](#)

 [Print Degree Requirements \(ASE\)](#) | [Print Degree Requirements \(CPE\)](#) | [Print Degree Requirements \(MCE\)](#) | [Print this Page](#)

To offer the advantages of combining Christian liberal arts and engineering majors not offered at SPU, SPU has partnerships with other universities to provide a wide range of opportunities for students. A student interested in a branch of engineering not offered at SPU may follow a [combined program](#) consisting of three years of study at SPU and two years at one of two partnering schools: the University of Washington or Washington State University. At the completion of all requirements for both schools, he or she will receive a [B.A. in Physical Sciences](#) from SPU and a B.S. from the participating engineering school. During the three years spent in residence at SPU the student satisfies the requirements for SPU's Physical Sciences B.A. degree, and many requirements for the B.S. degree by taking prescribed courses in chemistry, physics, mathematics, and engineering. If the student then fulfills the entrance requirements of the partnering university, he or she may transfer to the participating university. At that university, the student will spend two years taking upper-division engineering courses to complete the second degree. Details of this 3-2 transfer program are available from the engineering program director, [Prof. Elaine Scott](#).

### Course Requirements for the Physical Sciences Major

Notes for Physical Sciences Major Course Requirements

- 135 credits must be completed at SPU.
- Students must meet all of the admissions requirements for admission to the desired engineering program at the other university.
- All SPU baccalaureate requirements must be met: common and core curricula, W credit requirements, foreign language, etc. This is a B.A. degree, so 15 credits of Arts and Humanities are required.

### 3-2 TRANSFER PROGRAM

51 Credits Minimum, Including 3 Upper Division (UD)

[Suggested Course Sequence](#)

Natural Science	
Course	Credits
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a>	5
PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a>	5
CHM 1211 <a href="#">General Chemistry I</a>	5

PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a> (5)	5
CHM 1212 <a href="#">General Chemistry II</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>20</b>
<b>Mathematics</b>	
<b>Course</b>	<b>Credits</b>
MAT 1234 <a href="#">Calculus I</a>	5
MAT 1235 <a href="#">Calculus II</a>	5
MAT 1236 <a href="#">Calculus III</a>	5
MAT 3237 <a href="#">Differential Equations</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Engineering Science Part 1</b>	
<b>Course</b>	<b>Credits</b>
CSC 1230 <a href="#">Problem Solving &amp; Programming</a> (5)	5
CSC 2230 <a href="#">Comptr Programmng for Engineers</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Engineering Science Part 2</b>	
<b>Course</b>	<b>Credits</b>
EGR 2891 <a href="#">Statics</a> (4)	8
EGR 3841 <a href="#">Dynamics</a> (5)	
EGR 3500 <a href="#">Thermodynamics-Fluids I</a> (5)	
EGR 3310 <a href="#">Mechanics of Materials</a> (4)	
EE 2726 <a href="#">Electric Circuits I</a> (4)	
CHM 3371 <a href="#">Organic Chemistry I</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>51</b>

## PHYSICS

Otto Miller Hall  
206-281-2140  
[spu.edu/depts/physics](http://spu.edu/depts/physics)

**FACULTY:** [Eleanor Close](#), [Hunter Close](#), [Lezlie DeWater](#), [John Lindberg](#), [Lane Seeley](#), [Stamatis Vokos](#)

Physics studies the changes, interactions, and properties of matter and energy and, as a result, strongly influences humankind's understanding of nature. In addition, as engineers create new technology based on the principles first discovered by physicists, the social economics and political structures of society 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.

A variety of laboratory equipment is available to SPU students to support coursework and independent-study activities. The renovated [Otto Miller Hall](#) facility contains dedicated teaching laboratories, upper-division research space, and upper-division laboratory facilities.

### Admission to the Major

Admission and GPA requirement: A minimum 2.5 GPA (cumulative in all courses required for the major taken at SPU) is required for admission to the major. Additionally, a minimum 2.0 (C grade) must be earned in PHY 2321, and a minimum 1.7 (C- grade) must be earned in every other course required for the major. A student must complete the major requirements in effect when the student is admitted to the major.

### Admission to the Minor

Applicants for minors in physics must display an average GPA of 2.5 or higher (4.0 = A) in at least two physics courses. A student must complete the minor requirements in effect when the student is admitted to the minor.

[Requirements for the Physics Minor](#)

### B.S. in Physics

*99 credits, including 47 upper-division*

In addition to the course requirements, the student must complete a senior research project. The B.S. major provides preparation for graduate studies or professional careers in physics. PHY4899 is offered for 1 credit, but must be taken two times to meet the requirement.

[Requirements for the Physics B.S. Major](#)

### B.A. in Physics

*58 credits, including 36 upper-division*

This option is suited for students preparing to teach physics at the secondary level or for students majoring in other science, math, or engineering disciplines.

[Requirements for the Physics B.A. Major](#)

### Integrated Studies Major with a concentration in Natural Sciences (For students seeking K-8 certification)

Students students who are planning to obtain elementary school certification and are interested in physics must major in the [integrated studies major](#) with a concentration in natural sciences.

- The concentration consists of courses in biology, physics, and chemistry.
- [Application \(PDF\)](#) to this major is through the advisor for the Natural Sciences concentration, Dr. Eleanor Close ([closee@spu.edu](mailto:closee@spu.edu)).
- Further information on the [elementary certification program](#) is available in the [School of Education](#) section of the *Undergraduate Catalog*.

[Requirements for Integrated Studies: Natural Sciences concentration](#)  
[Requirements for Elementary Certification](#)

**BS IN PHYSICS**

99 Credits Minimum, Including 47 Upper Division (UD)

Suggested Course Sequence**Introductory Classes**

Course	Credits
PHY 1101 <a href="#">General Physics</a> (5)	15
PHY 1102 <a href="#">General Physics</a> (5)	
PHY 1103 <a href="#">General Physics</a> (5)	
OR	
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a> (5)	15
PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 2321 <a href="#">Intermediate Physics</a>	5
EGR 2500 <a href="#">Thermodynamics-Fluids I</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>25</b>

**Math**

Course	Credits
MAT 1234 <a href="#">Calculus I</a>	5
MAT 1235 <a href="#">Calculus II</a>	5
MAT 1236 <a href="#">Calculus III</a>	5
MAT 2401 <a href="#">Linear Algebra</a>	3
MAT 3237 <a href="#">Differential Equations</a>	3
MAT 3238 <a href="#">Vector Calculus</a>	3
MAT 3724 <a href="#">Applied Analysis</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>27</b>

**Required Upper Division**

Course	Credits
PHY 3841 <a href="#">Dynamics</a>	5
PHY 3315 <a href="#">Electricity and Magnetism I</a>	3
PHY 3340 <a href="#">Quantum Mechanics I</a>	3
PHY 4899 <a href="#">Natural Sciences Seminar</a>	2
PHY 4315 <a href="#">Electricity and Magnetism II</a> (3)	3
PHY 4340 <a href="#">Quantum Mechanics II</a> (3)	
PHY 4970 <a href="#">Senior Project Laboratory</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>

**Required Lab Classes**

Course	Credits
PHY 3311 <a href="#">Advanced Physics Lab</a>	3
PHY 3312 <a href="#">Advanced Physics Lab</a>	3
PHY 3313 <a href="#">Advanced Physics Lab</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>

**Electives (including at least 11 UD)****20****TOTAL CREDITS REQUIRED****99**

**BA IN PHYSICS**

76 Credits Minimum, Including 36 Upper Division (UD)

Suggested Course Sequence**Introductory Classes**

Course	Credits
PHY 1101 <a href="#">General Physics</a> (5)	15
PHY 1102 <a href="#">General Physics</a> (5)	
PHY 1103 <a href="#">General Physics</a> (5)	
OR	
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a> (5)	15
PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 2321 <a href="#">Intermediate Physics</a>	5
EGR 2500 <a href="#">Thermodynamics-Fluids I</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>25</b>

**Math**

Course	Credits
MAT 1234 <a href="#">Calculus I</a>	5
MAT 1235 <a href="#">Calculus II</a>	5
MAT 1236 <a href="#">Calculus III</a>	5
MAT 3237 <a href="#">Differential Equations</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>

**Required Lab Classes**

Course	Credits
PHY 3311 <a href="#">Advanced Physics Lab</a>	3
PHY 3312 <a href="#">Advanced Physics Lab</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>6</b>

**Required Upper Division**

Course	Credits
PHY 3841 <a href="#">Dynamics</a>	5
PHY 4899 <a href="#">Natural Sciences Seminar</a>	2
PHY 3315 <a href="#">Electricity and Magnetism I</a>	3
PHY 3340 <a href="#">Quantum Mechanics I</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>13</b>

**Upper Division Electives**

<b>Upper Division Electives</b>	<b>14</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>76</b>

**BA IN PHYSICS WITH EDUCATION FOCUS**

76 Credits Minimum, Including 36 Upper Division (UD)

Suggested Course Sequence**Introductory Classes**

Course	Credits
PHY 1101 <a href="#">General Physics</a> (5)	15
PHY 1102 <a href="#">General Physics</a> (5)	

PHY 1103 <a href="#">General Physics</a> (5)	
OR	
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a> (5)	15
PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 2321 <a href="#">Intermediate Physics</a>	5
EGR 2500 <a href="#">Thermodynamics-Fluids I</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>25</b>
<b>Math</b>	
<b>Course</b>	<b>Credits</b>
MAT 1234 <a href="#">Calculus I</a>	5
MAT 1235 <a href="#">Calculus II</a>	5
MAT 1236 <a href="#">Calculus III</a>	5
MAT 3237 <a href="#">Differential Equations</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Required Lab Classes</b>	
<b>Course</b>	<b>Credits</b>
PHY 3311 <a href="#">Advanced Physics Lab</a>	3
PHY 3312 <a href="#">Advanced Physics Lab</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>6</b>
<b>Required Upper Division</b>	
<b>Course</b>	<b>Credits</b>
PHY 3841 <a href="#">Dynamics</a>	5
PHY 4899 <a href="#">Natural Sciences Seminar</a>	2
PHY 3010 <a href="#">Contmpary Iss in Physcl Sci Ed</a>	2
PHY 3315 <a href="#">Electricity and Magnetism I</a> (3)	3
PHY 3340 <a href="#">Quantum Mechanics I</a> (3)	
PHY 4501 <a href="#">Physics:A Process of Inquiry I</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>17</b>
<b>Select five credits from the following:</b>	
<b>Course</b>	<b>Credits</b>
PHY 4510 <a href="#">Prepare Tchng Physical Science</a> (1-3)	5
PHY 4511 <a href="#">Preparatn forTchg UG Mechanics</a> (1-3)	
PHY 4512 <a href="#">Prep Tchq UG Electromagnetism</a> (1-3)	
PHY 4513 <a href="#">Preprtn Tchq UG Waves &amp; Optics</a> (1-3)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>UD Electives</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	

**PHYSICS MINOR**

35 Credits Minimum, Including 15 Upper Division (UD)

**Physics Minor Core Requirements**

Course	Credits
PHY 1101 <a href="#">General Physics</a> (5)	15
PHY 1102 <a href="#">General Physics</a> (5)	
PHY 1103 <a href="#">General Physics</a> (5)	
OR	
PHY 1121 <a href="#">Physics for Sci &amp; Engineering</a> (5)	15
PHY 1122 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 1123 <a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 2321 <a href="#">Intermediate Physics</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>20</b>
<b>Physics Minor Core Upper Division Requirements</b>	
Course	Credits
PHY 3311 <a href="#">Advanced Physics Lab</a> (3)	6
PHY 3312 <a href="#">Advanced Physics Lab</a> (3)	
PHY 4510 <a href="#">Prepare Tchng Physical Science</a> (1-3)	
PHY 4511 <a href="#">Preparatn for Tchq UG Mechanics</a> (1-3)	
PHY 4512 <a href="#">Prep Tchq UG Electromagnetism</a> (1-3)	
PHY 4513 <a href="#">Preprtn Tchq UG Waves &amp; Optics</a> (1-3)	
<b>SECTION CREDITS REQUIRED</b>	<b>6</b>
<b>Electives in Upper-Division Physics Courses</b>	<b>9</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>35</b>

#### COURSE DESCRIPTIONS:

[PHY 1101](#) | [PHY 1102](#) | [PHY 1103](#) | [PHY 1110](#) | [PHY 1111](#) | [PHY 1121](#) | [PHY 1122](#) | [PHY 1123](#) | [PHY 1135](#) | [PHY 1140](#) | [PHY 1142](#) | [PHY 1143](#) | [PHY 1145](#) | [PHY 1150](#) | [PHY 1910](#) | [PHY 2010](#) | [PHY 2321](#) | [PHY 2567](#) | [PHY 2568](#) | [PHY 3010](#) | [PHY 3311](#) | [PHY 3312](#) | [PHY 3313](#) | [PHY 3315](#) | [PHY 3340](#) | [PHY 3401](#) | [PHY 3841](#) | [PHY 4242](#) | [PHY 4311](#) | [PHY 4315](#) | [PHY 4340](#) | [PHY 4342](#) | [PHY 4391](#) | [PHY 4441](#) | [PHY 4491](#) | [PHY 4501](#) | [PHY 4502](#) | [PHY 4510](#) | [PHY 4511](#) | [PHY 4512](#) | [PHY 4513](#) | [PHY 4899](#) | [PHY 4900](#) | [PHY 4905](#) | [PHY 4930](#) | [PHY 4940](#) | [PHY 4950](#) | [PHY 4970](#) | [VIEW ALL](#)

#### PHY 1101: General Physics (5) [Offerings](#)

The first quarter of a general introduction to physics, intended for biology and premed majors. Covers mechanics.

*Attributes: Natural Science B*

#### PHY 1102: General Physics (5) [Offerings](#)

Prerequisite: PHY 1101. The second quarter of a general introduction to physics, intended for biology and premed majors. Covers heat, sound, fluids, electricity and magnetism.



Attributes: *Natural Science B*

**PHY 1103: General Physics (5) [Offerings](#)**

Prerequisite: PHY 1102. The third quarter of a general introduction to physics, intended for biology and premed majors. Covers light, atomic, molecular and nuclear physics.

Attributes: *Natural Science B*

**PHY 1110: Intro 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. Not recommended for students with more than one high school science course.

Cross-listed Courses: *CHM 1110* Attributes: *Natural Science B*

**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.

**PHY 1121: Physics for Sci & Engineering (5) [Offerings](#)**

Prerequisite: MAT 1234 may be taken concurrently. The first quarter of an introduction to physics using calculus. Covers mechanics. Lectures and laboratory each week.

Attributes: *Natural Science B*

**PHY 1122: Physics for Sci & Engineering (5) [Offerings](#)**

Prerequisite: PHY 1121 and MAT 1234. The second quarter of an introduction to physics using calculus. Covers gravitation, oscillations, fluid mechanics, thermal

physics, waves and electrostatics. Lectures and laboratory each week.

Attributes: *Natural Science B*

**PHY 1123: Physics for Sci & Engineering (5) [Offerings](#)**

Prerequisite: PHY 1122. The third quarter of an introduction to physics using calculus. Covers electricity, magnetism and optics. Lectures and laboratory each week.

Attributes: *Natural Science B*

**PHY 1135: Astronomy: Individual & Univers (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: *Natural Science B*

**PHY 1140: 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: *Natural Science B*

**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: *Natural Science B*

**PHY 1143: Topics in Global Climate (5) [Offerings](#)**

This is an inquiry-based learning course. The Earth system and the relation between the lithosphere, atmosphere, biosphere, and hydrosphere will be explored through studying various events that affect or are affected by climate change. Topics will be drawn from Earth and climate-related issues including, but not limited to, climate in the Holocene era, ice sheets, volcanoes and stratospheric ozone. Students will appreciate how events do not occur in isolation on Earth, but that an event in any of Earth's systems will have effects on all of Earth's systems and that conscientious stewardship of Earth and its resources is needed. Most of the course material will be delivered online. There will be five class meetings at SPU.

**PHY 1145: Oceanography (5) [Offerings](#)**

An integrative introductory course covering physical, geological, chemical and biological oceanography. Includes consideration of epistemology and current research methods.

Attributes: *Natural Science B*

**PHY 1150: Introduction to Geology (5) [Offerings](#)**

Surveys geology including identification and origin of rocks and minerals, the processes of forming the present state of the earth, interpretation of geologic features and of the human impact on landscape. Laboratory experiences and/or field trips emphasized.

Attributes: *Natural Science B*

**PHY 1910: Special Topics in Physics Semn (1) [Offerings](#)**

Prerequisites: One of the following must be taken concurrently: PHY 1101, 1102, 1103, 1121, 1122, 1123. 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.

**PHY 2010: Physics MCAT Preparation (1) [Offerings](#)**

Prerequisite: PHY 1103 or 1123. 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.

**PHY 2321: Intermediate Physics (5) [Offerings](#)**

Prerequisites: MAT 3237 and either PHY 1103 or 1123. (MAT 3237 may be taken concurrently). 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.

**PHY 2567: Devlp Concppts Physicl Science I (3) [Offerings](#)**

The first in a two-course sequence, this course is a laboratory-based study of selected topics in physical science, including properties, structures, and changes of matter; and kinetic theory. Emphasis is on depth of understanding, cultivation of scientific reasoning skills, and development of pedagogical content knowledge. Provides inquiry-based instruction guided by results from research in science education, cognitive science, and the professional development of teachers. The course is a standards-based preparation for teaching K-8 physical science. In addition teaching strategies suitable for K-8 education will be modeled.

Attributes: *Natural Science B*

**PHY 2568: Devlp Concppt Physicl Science II (3) [Offerings](#)**

Prerequisite: PHY 2567. The second in a two-course sequence, this course is a laboratory-based study of selected topics in physical science, including force and motion; energy transfer and transformation; and patterns in earth and space systems. Emphasis is on depth of understanding, cultivation of scientific reasoning skills, and development of pedagogical content knowledge. Provides inquiry-based instruction guided by results from research in science education, cognitive science, and the professional development of teachers. The course is a standards-based preparation for teaching K-8 physical science. In addition, teaching strategies for K-8 education will be modeled.

Attributes: *Natural Science B*

**PHY 3010: Contmpary Iss in Physicl Sci Ed (2) [Offerings](#)**

This course will explore a variety of issues in science education. Students will read seminal articles in science education literature. This course is designed to give students a better understanding of the pedagogical strategies they may be currently using as learning assistants. Students will also be encouraged to consider the vocational calling to teaching in a variety of contexts.

Attributes: *Upper-Division*

**PHY 3311: Advanced Physics Lab (3) [Offerings](#)**

Prerequisite: PHY 1103 or 1123, may be taken concurrently. Laboratory applications of electronics and instrumentation. Special emphasis will be given to experimental automation and data analysis using LabView.

Attributes: *Upper-Division, Writing "W" Course*

**PHY 3312: Advanced Physics Lab (3) [Offerings](#)**

Prerequisite: PHY 3311. Provides an integrated advanced laboratory course including experiments in optics, solid state physics, atomic physics and nuclear physics.

Attributes: *Upper-Division, Writing "W" Course*

**PHY 3313: Advanced Physics Lab (3) [Offerings](#)**

Prerequisite: PHY 3312. Provides an integrated advanced laboratory course including experiments in optics, solid state physics, atomic physics and nuclear physics.

Attributes: *Upper-Division, Writing "W" Course*

**PHY 3315: Electricity and Magnetism I (3) [Offerings](#)**

Prerequisites: MAT 3237 and (PHY 1103 or PHY 1123). The first of a two-course sequence, this course studies electrostatics, magnetostatics, boundary conditions, electromagnetic waves, and introduction to applications such as skin effect, reflections, waveguides, antennas and optics.

Cross-listed Courses: *EE 3315* Attributes: *Upper-Division*

**PHY 3340: Quantum Mechanics I (3) [Offerings](#)**

Prerequisites: PHY 2321 and MAT 3237. 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*

**PHY 3401: Thermodynamics (5) Offerings**

Prerequisites: MAT 3237, and either PHY 1103 or PHY 1123. Studies, at the macroscopic level, equilibrium properties of matter, conservation laws, equations of state and transformations of state for systems in which temperature is an appropriate variable. Considers engineering applications. Extra fee.

Cross-listed Courses: *EGR 3401, CHM 3401* Attributes: *Upper-Division*

**PHY 3841: Dynamics (5) Offerings**

Prerequisites: MAT 2401, 3237 and PHY 1101 or 1121. Study of vectorial treatment of Newton's laws for undamped and damped linear, rotational and vibrational motion in several coordinate systems. Includes solving problems for particles and rigid bodies using energy, momentum and angular momentum conservation laws. Extra fee.

Cross-listed Courses: *EGR 3841* Attributes: *Upper-Division*

**PHY 4242: Atmospheric Science (2-5) Offerings**

Prerequisites: PHY 1103 or 1123, and MAT 3237. 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. Offered on demand. May not be repeated.

Attributes: *Upper-Division*

**PHY 4311: Optics and Lasers (5) Offerings**

Prerequisite: PHY 1103 or 1123. General theory of geometrical optics, physical optics, fiber optics and optical devices. Lectures and laboratory each week. Offered alternate years.

Cross-listed Courses: *EE 4311* Attributes: *Upper-Division*

**PHY 4315: Electricity and Magnetism II (3) [Offerings](#)**

Prerequisite: PHY 3315. 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*

**PHY 4340: Quantum Mechanics II (3) [Offerings](#)**

Prerequisite: PHY 3340. 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*

**PHY 4342: Atomic Physics (5) [Offerings](#)**

Prerequisite: PHY 4341. Studies the hydrogen atom, perturbation theory, one-electron atoms, fine and hyperfine structure. Explores Zeeman and Stark effects. Introduction to multi-electron atoms. Offered alternate years.

Attributes: *Upper-Division*

**PHY 4391: Nuclear & Particle Physics (5) [Offerings](#)**

Prerequisite: PHY 4341 or permission of instructor. Study of the fundamental interactions and elementary particles, resonance states and nuclei. Emphasis on invariance principles, conservation laws and simple applications of quantum theories and the theory of special relativity. Discussion of experimental methods including particle detectors and accelerators. Offered alternate years.

Attributes: *Upper-Division*

**PHY 4441: Statistical Physics (3-5) [Offerings](#)**

Prerequisites: PHY 3401. Studies classical and quantum statistical mechanics, Bose and Fermi statistics and applications to physical systems. Offered alternate

years.

Attributes: *Upper-Division*

**PHY 4491: Solid State Physics (2-5) Offerings**

Prerequisite: PHY 2321. Focuses on lattice statics and dynamics, electrons and Fermi surfaces, transport phenomena, semiconductors and superconductivity. Offered alternate years.

Cross-listed Courses: *EE 4491* Attributes: *Upper-Division*

**PHY 4501: Physics:A Process of Inquiry I (5) Offerings**

Laboratory-based study of selected topics in physics and physical science, with emphasis on depth of understanding and cultivation of essential scientific and reasoning skills. Inquiry-based instruction guided by results from research in physics education and the professional development of teachers. Preparation for teaching physics or physical science in middle school and high school. May be repeated for credit up to 15 credits.

Attributes: *Upper-Division, Writing "W" Course*

**PHY 4502: Physics:Process of Inquiry II (5) Offerings**

Prerequisite: PHY 1103 or 1123 or instructor approval. Laboratory-based study of selected topics in physics, with emphasis on depth of understanding and cultivation of essential scientific and reasoning skills. Inquiry-based instruction guided by results from research in physics education and the professional development of teachers. Preparation for teaching physics at secondary school and introductory college levels. May be repeated for credit up to 15 credits.

Attributes: *Upper-Division, Writing "W" Course*

**PHY 4510: Prepare Tchng Physical Science (1-3) Offerings**

Prerequisite: PHY 1101 or 1121 or 2567. This is an inquiry-based learning course. Provides preparation for teaching physical science using instructional materials that have been guided by results from physics education research. Includes supervised teaching practicum. May be repeated for credit up to 9 credits.



Attributes: *Upper-Division*

**PHY 4511: Preparatn forTchg UG Mechanics (1-3) [Offerings](#)**

Prerequisites: PHY 1103 or 1123. Preparation for teaching physics using instructional materials that have been guided by results from physics education research. Includes supervised teaching practicum. May be repeated for credit up to 9 credits.

Attributes: *Upper-Division*

**PHY 4512: Prep Tchg UG Electromagnetism (1-3) [Offerings](#)**

Prerequisites: PHY 1103 or 1123. Preparation for teaching electromagnetism using instructional materials that have been guided by results from physics education research. Includes supervised teaching practicum. May be repeated for credit up to 9 credits.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**PHY 4513: Preprtn Tchg UG Waves & Optics (1-3) [Offerings](#)**

Prerequisites: PHY 1102 or 1122. Preparation for teaching waves and optics using instructional materials that have been guided by results from physics education research. Includes supervised teaching practicum. May be repeated for credit up to 9 credits.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**PHY 4899: Natural Sciences Capstone Sem (1) [Offerings](#)**

Prerequisite: PHY 2321. 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 up to 3 credits.

Cross-listed Courses: *BIO 4899, CHM 4899* Attributes: *Upper-Division* Restrictions: *Physics Majors only. Senior students only.*

**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.

**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, Computing Sciences, Engineering Science, Mathematics, Physics Majors only. Freshman students are excluded.*

**PHY 4970: Senior Project Laboratory (1-5) [Offerings](#)**

Prerequisites: PHY 3313 and senior standing. 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.*

## BIOLOGY

Science Building  
206-281-2351  
[spu.edu/depts/biology](http://spu.edu/depts/biology)

**FACULTY:** [Janet Bester-Meredith](#), [Cindy Bishop](#), [Bruce Congdon](#), [Ryan Ferrer](#), [Cindy Fitch](#), [Eric Long](#), [Tim Nelson](#), [Charlotte Pratt](#), [Rick Ridgway](#), [Cara Wall-Scheffler](#), [Derek Wood](#)

The primary goals of the Department of Biology:

- Cultivate students who understand and respect scientific approaches to the study of life.
- Produce graduates who demonstrate excellence in their scientific training.
- Prepare graduates to think critically, to communicate biological principles effectively, and to make informed decisions based on a solid understanding of science and their Christian worldview.
- Embolden faculty and students to lead lives of grace-filled wholeness, and personal and professional integrity.

### Admission to the Majors

The application for major status should be made by the beginning of the junior year, after completion of the sequence in general biology. Transfer students are eligible to apply after successful completion of one 5-credit upper-division biology course at SPU.

Applications are considered individually by the biology faculty, but the normal minimum requirement for admission will be a GPA of 2.5 in biology courses. A student must complete the major requirements in effect when the student is admitted to the major.

### Admission to the Minor

Applications for a minor in biology are considered individually by the biology faculty, but the normal minimum requirement for admission to the minor will be a GPA of 2.0 in biology courses. A student must complete the minor requirements in effect when the student is admitted to the minor.

### Description of Majors

The Department of Biology offers a total of six different majors, including B.S. degrees in biology, cellular and molecular biology, ecology, physiology, and applied human sciences and a B.A. degree in biology.

The requirements for each major are described below and in the summary tables linked on the left. Students wishing to "double major" in any combination of the above fields must complete at least 20 credits' worth of work that is unique to each additional major.

### B.S. in Biology

*104 credits; 35 upper-division in biology*

This major provides preparation for graduate studies or professional careers in biology. It places special emphasis on undergraduate research. Depending upon interests and professional goals, a student may choose the core and elective coursework to emphasize botany, cellular and molecular biology, ecology, marine biology, physiology, or zoology.

In addition to the core and supporting requirements indicated below, 14 credits of biology elective courses are also required. Elective courses should be discussed with biology faculty advisors. General physics is also strongly recommended.

As a part of either core requirements or electives, students are required to take a minimum of 3 credits of field biology, taught primarily in the field and emphasizing field methods. Seattle Pacific field biology courses are listed within the major requirements found through the link below.

Similarly, as part of either the core requirements or electives a student is required to take at least one botany course (generally chosen from BIO 3453, 4415, or 4744). An undergraduate research project is required for graduation. Each student will collaborate with a faculty member on an investigation that requires a formal proposal (BIO 4978 Biological Research Proposal), and original research and presentation of results (BIO 4979). No more than 6 credits of courses numbered from BIO 4900 through 4999 may be applied to this major. [Requirements for the B.S. in Biology](#)

### **B.S. in Ecology**

*105 credits, 40 upper-division*

This program is intended for students interested in ecology and related larger-scale sub-disciplines of biology, including marine biology, forestry, fisheries, agriculture, behavioral ecology, wildlife management, etc. Students in this track will most likely be considering attending graduate school or working as a biologist after graduation. Elective courses should be discussed with biology faculty advisors.

Students interested in graduate school should consult with their advisor as to whether coursework beyond degree requirements (e.g., physics, cell biology, etc.) would be appropriate. BIO 4950 Special Topics in Biology may be used to meet certain stated requirements if the topic is determined to be appropriate by the Department of Biology in advance. For example, BIO 4950 Introduction to GIS can substitute for a quantitative supporting course. As a part of either core requirements or electives, students are required to take a minimum of 3 credits of field biology, taught primarily in the field and emphasizing field methods.

Seattle Pacific field biology courses are listed within the major requirements found through the link below. An undergraduate research project is required for graduation. Each student will collaborate with a faculty member on an investigation that requires a formal proposal (BIO 4978 Biological Research Proposal), and original research and presentation of results (BIO 4979). No more than 6 credits of courses numbered from BIO 4900 through 4999 may be applied to this major. [Requirements for the B.S. in Ecology](#)

### **B.S. in Physiology**

*105-107 credits; 35 upper-division in biology*

The program is intended for students with an interest in physiology, and thus provides a sound foundation for [pre-professional training](#) for medicine, dentistry, optometry, pharmacy, veterinary medicine, as well as certain other health-related and applied-biology fields. Some students interested in pursuing graduate education in physiology may also choose this major.

Students interested in professional health-science training or graduate school should consult with their advisor as early as possible to determine what other courses in chemistry, physics, and mathematics should be taken to meet the demand of the student's individual plans or career goals.

All students in this track must either take one of the specified courses in ethics or complete an undergraduate research project. The course in ethics is strongly recommended for students interested in medical school or other professional health-science training, while the research project is essential for students interested in graduate school. No more than 6 credits of courses numbered from BIO 4900 through 4999 may be applied to this major. [Requirements for the B.S. in Physiology](#)

### **B.S. in Cellular and Molecular Biology**

*108 credits; 26–28 upper-division in biology*

This program is intended for students interested in cellular and molecular biology. Students in this track will most likely be considering attending graduate school or working as a biologist after graduation. Elective courses should be discussed with biology faculty advisors.

Students interested in graduate school should consult with their advisor as to whether coursework beyond degree requirements (e.g., physics) would be appropriate. Each student will collaborate with a faculty member on an investigation that requires a formal proposal (BIO 4978 Biological Research Proposal), and original research and presentation of results (BIO 4979). No more than 6 credits of courses numbered from BIO 4900 through 4999 may be applied to this major. [Requirements for the B.S. in Cellular and Molecular Biology](#)

### **B.S. in Applied Human Biology**

*108 credits; 23 upper-division*

This program is designed primarily for those students planning to enter a doctoral degree program in physical therapy.

This interdisciplinary curriculum will satisfy the basic requirements for entry into physical therapy as outlined by the [American Association of Physical Therapists](#). BIO 3899 is recommended, but not required for this degree. No more than 6 credits of courses numbered from BIO 4900 through 4999 may be applied to this major. [Requirements for the B.S. in Applied Human Biology](#)

### **B.A. in Biology**

*81 credits; 30 upper-division in biology*

This program is designed to provide a broad foundation in biology for liberal arts students and those preparing for the teaching profession at the junior high school or secondary level.

Students preparing for biology teaching careers should become familiar with Washington state endorsement requirements prior to selecting core and elective options.

No more than 6 credits of courses numbered from BIO 4900 through 4999 may be applied to this major. [Requirements for the B.A. in Biology](#)

### Secondary Teacher Certification

Students seeking secondary (junior or senior high school) certification should pursue one of the majors in Biology.

### Requirements for Secondary Certification

#### Integrated Studies Major with a concentration in Natural Sciences (For students seeking K-8 certification)

Students who are planning to obtain elementary school certification and are interested in biology must major in the [integrated studies major](#) with a concentration in natural sciences.

- The concentration consists of courses in biology, physics, and chemistry.
- [Application \(PDF\)](#) to this major is through the advisor for the natural sciences concentration, Dr. Eleanor Close ([closee@spu.edu](mailto:closee@spu.edu)).
- Further information on the [elementary certification program](#) is available in the [School of Education](#) section of the *Undergraduate Catalog*.

### Requirements for Integrated Studies: Natural Sciences concentration

### Requirements for Elementary Certification

### Blakely Island Field Station

For information about the program at Blakely Island Field Station, see [Special Studies in Academic Programs](#).

### Courses offered at Blakely Island Field Station

BIO 1100 Biological Science (5)  
BIO 4117 Birds of the Pacific Northwest (5)  
BIO 4256 Environmental Physiology (5)  
BIO 4735 Marine Biology (5)  
BIO 4740 Marine Invertebrate Zoology (5)  
BIO 4744 Marine Botany (5)  
BIO 4810 Marine Ecology (5)  
BIO 4815 Aquatic Ecology (5)  
BIO 4825 Forest Ecology (5)  
BIO 4835 Conservation Biology (5)  
BIO 4880 Blakely Field Studies (1-5)

### BS IN PHYSIOLOGY

105 Credits Minimum, Including 35 Upper Division (UD)

#### Suggested Course Sequence

General Core Requirements	
Course	Credits
BIO 1859 <a href="#">Biology Cornerstone Seminar</a>	1
BIO 2101 <a href="#">General Biology</a> (5) BIO 2102 <a href="#">General Biology</a> (5) BIO 2103 <a href="#">General Biology</a> (5)	15
BIO 3325 <a href="#">Genetics</a>	5
BIO 3899 <a href="#">Scientific Literature</a>	1

BIO 4352 <a href="#">Cell Biology</a>	5
BIO 4899 <a href="#">Natural Sciences Seminar</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>29</b>
<b>Physiology Core. Select 15 credits from the following:</b>	
<b>Course</b>	<b>Credits</b>
BIO 2129 <a href="#">Human Anatomy &amp; Physiology</a> (5)	15
BIO 2130 <a href="#">Human Anatomy &amp; Physiology</a> (5)	
BIO 4256 <a href="#">Environmental Physiology</a> (5)	
BIO 4413 <a href="#">Animal Physiology</a> (5)	
BIO 4415 <a href="#">Plant Physiology</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Mol/Cel/Micro Core. Select 13-15 credits from the following:</b>	
<b>Course</b>	<b>Credits</b>
BIO 3320 <a href="#">Principles of Development</a> (5)	13
BIO 3350 <a href="#">Immunology</a> (3)	
BIO 3351 <a href="#">General Microbiology</a> (5)	
BIO 4325 <a href="#">Molecular Biology</a> (5)	
BIO 4361 <a href="#">Biochemistry</a> (5)	
BIO 4362 <a href="#">Biochemistry</a> (5)	
BIO 4418 <a href="#">Neurobiology</a> (5)	
BIO 4420 <a href="#">Histology &amp; Microscopic Tech</a> (5)	
BIO 4435 <a href="#">Biodiversity:Parasites &amp; Pests</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>13</b>
<b>Ecology and Evolution Core - Select 5 credits from below</b>	
<b>Course</b>	<b>Credits</b>
BIO 3000 <a href="#">Intro Biological Anthropology</a> (5)	5
BIO 3301 <a href="#">Tropical Biology</a> (3-5)	
BIO 3310 <a href="#">Ecology</a> (5)	
BIO 3432 <a href="#">Biodiversity:Vertebrate Bioly</a> (5)	
BIO 3434 <a href="#">Animal Behavior</a> (5)	
BIO 3453 <a href="#">Biodiversity:Plant Ident &amp; Tax</a> (5)	
BIO 3456 <a href="#">Mycology</a> (3)	
BIO 4117 <a href="#">Birds of the Pacific Northwest</a> (5)	
BIO 4330 <a href="#">Evolutionary Mechanisms</a> (5)	
BIO 4735 <a href="#">Marine Biology</a> (5)	
BIO 4740 <a href="#">Marine Invertebrate Zoology</a> (5)	
BIO 4744 <a href="#">Marine Botany</a> (5)	
BIO 4810 <a href="#">Marine Ecology</a> (5)	
BIO 4815 <a href="#">Aquatic Ecology</a> (5)	
BIO 4820 <a href="#">Ecomorphology</a> (5)	
BIO 4825 <a href="#">Forest Ecology</a> (5)	
BIO 4830 <a href="#">Ecological Restoration Workshp</a> (2)	
BIO 4835 <a href="#">Conservation Biology</a> (5)	
BIO 4880 <a href="#">Blakely Field Studies</a> (1-5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Ethics, Health Sciences or Research - Select 3 credits below</b>	
<b>Course</b>	<b>Credits</b>
BIO 4615 <a href="#">Issues &amp; Values in Biology</a>	3
OR	
HSC 3395 <a href="#">Health Care Delivery Systems</a>	3
OR	
HSC 3000 <a href="#">Issues in Women's Health</a>	3

OR		
WST 3000	<a href="#">Issues in Women's Health</a>	3
OR		
PHI 2222	<a href="#">Social Ethics</a>	3
OR		
BIO 4978	<a href="#">Biological Research Proposal</a> (1)	3
BIO 4979	<a href="#">Biological Research</a> (2)	
<b>SECTION CREDITS REQUIRED</b>		<b>3</b>
<b>Required Supporting Courses</b>		
<b>Course</b>		<b>Credits</b>
CHM 1211	<a href="#">General Chemistry I</a> (5)	10
CHM 1212	<a href="#">General Chemistry II</a> (5)	
CHM 2540	<a href="#">Introductory Inorganic Chemistry</a>	5
CHM 3371	<a href="#">Organic Chemistry I</a> (5)	15
CHM 3372	<a href="#">Organic Chemistry II</a> (5)	
CHM 3373	<a href="#">Organic Chemistry III</a> (5)	
MAT 1360	<a href="#">Introduction to Statistics</a> (5)	5
HSC 4044	<a href="#">Biomed Tests, Measurements &amp; Stats</a> (5)	
<b>SECTION CREDITS REQUIRED</b>		<b>35</b>
<b>Required Math. Select 5 credits from the following:</b>		
<b>Course</b>		<b>Credits</b>
MAT 1221	<a href="#">Survey of Calculus</a>	5
OR		
BIO 4360	<a href="#">Biostatistics</a>	5
OR		
MAT 1234	<a href="#">Calculus I</a> (5)	10
MAT 1235	<a href="#">Calculus II</a> (5)	
<b>SECTION CREDITS REQUIRED</b>		<b>5</b>
<b>Recommended Courses</b>		
<b>Course</b>		<b>Credits</b>
PHY 1101	<a href="#">General Physics</a> (5)	15
PHY 1102	<a href="#">General Physics</a> (5)	
PHY 1103	<a href="#">General Physics</a> (5)	
OR		
PHY 1121	<a href="#">Physics for Sci &amp; Engineering</a> (5)	15
PHY 1122	<a href="#">Physics for Sci &amp; Engineering</a> (5)	
PHY 1123	<a href="#">Physics for Sci &amp; Engineering</a> (5)	
<b>SECTION CREDITS REQUIRED</b>		<b>0</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>105</b>



## POLITICAL SCIENCE AND GEOGRAPHY

Alexander Hall  
206-281-2395  
[spu.edu/depts/polisci](http://spu.edu/depts/polisci)

**FACULTY:** [Kathleen Braden](#), [Reed Davis](#), [Katya Drozdova](#), [Ruth Ediger](#), [Caleb Henry](#)  
[Kathleen Braden](#), [Reed Davis](#), [Katya Drozdova](#), [Ruth Ediger](#), and [Caleb Henry](#)

Seattle Pacific's political science program equips students to become leaders and citizens who influence politics and public policy informed by Christian faith and tradition. Political science majors at SPU 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, political science majors at SPU receive broad training in political philosophy, government, law, public policy, geopolitics, international relations, and the political behavior of individuals and groups. In addition, majors are provided with peer support and co-curricular activities through the SPU [Political Union](#), a nonpartisan student group.

Study of political science is especially useful for careers in law, public administration, government service, international affairs, journalism, teaching, and several fields of business. Dual majors or complementary minors are encouraged. Minors offered by the department include political science, geopolitics, and leadership studies.

[Special study programs](#) in Washington, D.C., and elsewhere further enrich students' academic experience. For more information about these special study programs, contact Professor Reed Davis ([rdavis@spu.edu](mailto:rdavis@spu.edu)).

### Faith and Politics Component

Political science majors at SPU are asked to integrate their understanding of the political world with the Christian faith. To facilitate this, the department offers several courses that focus on the intersection between faith and public life:

- POL 2641 Christianity and American Politics, which studies the history of Christian involvement in politics from America's founding to today.
- POL 2642 Christianity and World Politics, which looks at broader global areas and issues.
- POL 2900 Foundations for Leadership, which examines the implications of the Christian faith for leadership.
- POL 3410 Moral Foundations of Democracy, which explores the moral and spiritual roots of representative democracy.
- POL 4899 Political Science Capstone Seminar, which challenges students to reflect on the relationship between faith and politics in light of their entire collegiate experience and is required of all political science majors.

### SPECIAL PROGRAMS

#### Political Science Internships

Political science majors at SPU are strongly encouraged to gain real-world experience through internships, and faculty in the department work with students to arrange internships appropriate to their career interests.

Internships are arranged with a wide variety of organizations, including public-policy groups, media organizations, and government offices at both the local and national level. Credit is offered through POL 4940 Political Internships.

#### Admission to the Political Science Major and Minor

To qualify for admission to the major, a student must have a 2.5 minimum GPA in previous courses in the major. Students are encouraged to apply for the major by the end of their sophomore year. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

## Requirements for the Political Science Major

*For all three tracks, 25 credits must be upper-division.*

Political science majors at SPU choose to organize their studies according to one of three tracks:

- General, which provides the most flexibility.
- Public policy and law, which is especially appropriate for those considering careers in government or who plan to attend law school.
- International affairs, which is designed for those interested in global politics and policy.

[Political Science Major/Minor Application](#) (Word Format)

[Political Science Major/Minor Application](#) (PDF Format)

In addition to the course requirements for these tracks, majors are encouraged to fulfill their Exploratory Curriculum mathematics requirement prior to the spring of their senior year by taking a statistics course such as SOC 2360 Introduction to Statistics in Social and Behavioral Sciences, MAT 1360 Introduction to Statistics or BUS 2700 Statistics for Business and Economics.

Whenever possible, majors are also strongly encouraged to take POL 4643 Methods of Political Analysis in their junior (rather than senior) year.

Any course substitutions must be approved by Professor Reed Davis ([rdavis@spu.edu](mailto:rdavis@spu.edu)), the department chair. No more than a total of 10 hours of internship or independent study can be applied in meeting the required hours in political science, but additional credits above the required hours may be added.

For students who wish to enhance their 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.

### Political Science-General Track

### Political Science-Public Policy and Law Track

*POL 4940 Internship is strongly suggested as an elective.*

### Political Science-International Affairs Track

*In addition, at least one year of a foreign language or equivalent is recommended, and more than this is strongly encouraged.*

### Requirements for the Political Science Minor

#### Requirements for the Geopolitics Minor

SPU offers no baccalaureate degree specifically in geography, but studies in geography may be combined with political science for a geopolitics minor.

Geography, along with history, is a critical service component for students majoring in other disciplines such as social-science education, and it provides an important dimension to a liberal arts education. (For more information, contact Professors Kathleen Braden ([kbraden@spu.edu](mailto:kbraden@spu.edu)) or Ruth Ediger ([ediger@spu.edu](mailto:ediger@spu.edu)).

#### Requirements for the Leadership Minor

Designed for student leaders, this interdisciplinary program draws on courses from such disciplines as political science, sociology, business, psychology, and philosophy. Admission to the leadership studies minor is selective and requires an application submitted to the Office of Student Life. Contact Director of Student Programs Dale Anderson ([dale@spu.edu](mailto:dale@spu.edu)) for application information.

## Global Development Studies Major

The **global development studies** major seeks to prepare students for vocations in global development through a liberal arts knowledge base, applied skills training, and direct, cross-cultural experiences.

### Requirements for the Global Development Studies Major

*63 credits, including 32 upper division*

In addition to courses in political science and geography, students complete courses in disciplines such as economics, theology, and health sciences, and complete an internship appropriate to nonprofit or social-venture work.

### Admission to the Global Development Studies Major

Students are encouraged to apply for the major by the end of their sophomore year. To qualify for admission to the major, a student must have taken — at SPU — at least two classes on the list for the major and have achieved at least a 2.5 in each of these classes.

Faculty in the Department of Political Science and Geography will meet each March to examine applications and vote on acceptances. Attainment of the minimum GPA standard does not guarantee admission to the major, as the total number of admissions may be limited by capacity.

Students meeting the minimum GPA but not admitted to the global development studies major will automatically be offered entry to the political science major. A student must complete the major requirements in effect when the student is admitted to the major.

### Requirements for the Global Development Studies Major

### Application for Global Development Studies (Word doc)

### Integrated Studies Major with a concentration in Social Sciences (for students seeking K-8 certification)

Students who are planning to obtain elementary school certification and are interested in political science or geography must major in the integrated studies major with a concentration in social sciences.

- The concentration consists of courses in history, political science, and geography.
- Application (PDF) to this major is through the Political Science and Geography Department advisor for the social sciences concentration, Dr. Don Holsinger ([dholsing@spu.edu](mailto:dholsing@spu.edu)).
- Further information on the elementary certification program is available in the School of Education section of the *Undergraduate Catalog*.

### Requirements for Integrated Studies: Social Sciences concentration Requirements for Elementary Certification

### POLITICAL SCIENCE: GENERAL TRACK

53 Credits Minimum, Including 25 Upper Division (UD)

#### Suggested Course Sequence

General Core: Political Science	
Course	Credits
POL 1110 <u>Introduction to Politics</u>	5
POL 2320 <u>Comparative Political Systems</u>	5
POL 4641 <u>Theories of Poltcl Sys:Ancient</u> (5) POL 4642 <u>Theories of Politcl Sys:Modern</u> (5)	5
POL 4643 <u>Methods of Political Analysis</u>	5
POL 4899 <u>Political Science Capstone</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>23</b>
Select at least one course from the following:	
Course	Credits
POL 1120 <u>American Government &amp; Politics</u> (5) POL 2464 <u>State &amp; Local Politics</u> (5) POL 3430 <u>Pres &amp; Congress: Pol Leadrshp</u> (5) POL 3450 <u>Pols, Parties &amp; Interest Grps</u> (3)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>

<b>Select at least one course from the following:</b>	
Course	Credits
POL 2641 <a href="#">Christianity &amp; Amer. Politics</a> (5)	5
POL 2642 <a href="#">Christianity &amp; World Politics</a> (5)	
POL 3410 <a href="#">Moral Foundations of Democracy</a> (5)	
POL 2900 <a href="#">Foundations for Leadership</a> (5)	
POL 3550 <a href="#">Social Darwinism and Politics</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Select at least one course from the following:</b>	
Course	Credits
POL 2330 <a href="#">International Relations</a> (5)	5
POL 3170 <a href="#">Geopolitics</a> (5)	
GEO 3170 <a href="#">Geopolitics</a> (5)	
POL 3320 <a href="#">Pol &amp; Econ Developmt of Nations</a> (5)	
POL 3330 <a href="#">Global Perspect Women's Issues</a> (3,5)	
GEO 3330 <a href="#">Global Perspect Women's Issues</a> (3,5)	
POL 3440 <a href="#">War, Peace &amp; World Order</a> (5)	
POL 4310 <a href="#">International Political Economy</a> (5)	
POL 4452 <a href="#">International Law</a> (3,5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Select at least one course from the following:</b>	
Course	Credits
POL 4000 <a href="#">Public Policy &amp; Administration</a> (5)	5
POL 4450 <a href="#">Constitutional Law:Powers</a> (5)	
POL 4451 <a href="#">Constitutional Law:Liberties</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Political Science Electives</b>	<b>10</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>53</b>

### POLITICAL SCIENCE: INTERNATIONAL AFFAIRS TRACK

58 Credits Minimum, Including 25 Upper Division (UD)

[Suggested Course Sequence](#)

<b>General Core: International Affairs Track</b>	
Course	Credits
POL 1110 <a href="#">Introduction to Politics</a>	5
POL 2320 <a href="#">Comparative Political Systems</a>	5
POL 2330 <a href="#">International Relations</a>	5
POL 4641 <a href="#">Theories of Politcl Sys:Ancient</a> (5)	5
POL 4642 <a href="#">Theories of Politcl Sys:Modern</a> (5)	
POL 4643 <a href="#">Methods of Political Analysis</a>	5
POL 4899 <a href="#">Political Science Capstone</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>28</b>
<b>Select at least three of the following:</b>	
Course	Credits
POL 2642 <a href="#">Christianity &amp; World Politics</a> (5)	15
GEO 3170 <a href="#">Geopolitics</a> (5)	
POL 3170 <a href="#">Geopolitics</a> (5)	

GEO 3330 <a href="#">Global Perspect Women's Issues</a> (3,5)	
POL 3330 <a href="#">Global Perspect Women's Issues</a> (3,5)	
POL 3345 <a href="#">Russia,The Caucasus&amp;Cntrl Asia</a> (5)	
POL 3440 <a href="#">War, Peace &amp; World Order</a> (5)	
POL 3670 <a href="#">Hist of Amer Foreign Relations</a> (5)	
HIS 3670 <a href="#">Hist of Amer Foreign Relations</a> (5)	
POL 4452 <a href="#">International Law</a> (3,5)	
POL 4911 <a href="#">Advanced Seminar:</a> (1-5)	
GEO 4911 <a href="#">Advanced Seminar</a> (1-5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Select at least one of the following:</b>	
<b>Course</b>	<b>Credits</b>
POL 1120 <a href="#">American Government &amp; Politics</a> (5)	
POL 3670 <a href="#">Hist of Amer Foreign Relations</a> (5)	5
HIS 3670 <a href="#">Hist of Amer Foreign Relations</a> (5)	
POL 4450 <a href="#">Constitutional Law:Powers</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Select at least one of the following:</b>	
<b>Course</b>	<b>Credits</b>
GEO 2207 <a href="#">Economic Geography</a> (5)	
POL 3320 <a href="#">Pol &amp; Econ Developmt of Nations</a> (5)	5
POL 4310 <a href="#">Internationl Political Economy</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Electives (consult with advisor)</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>58</b>

### POLITICAL SCIENCE: PUBLIC POLICY AND LAW TRACK

58 Credits Minimum, Including 25 Upper Division (UD)

#### Suggested Course Sequence

<b>General Core: Public Policy and Law Track</b>	
<b>Course</b>	<b>Credits</b>
POL 1110 <a href="#">Introduction to Politics</a>	5
POL 1120 <a href="#">American Government &amp; Politics</a>	5
POL 2320 <a href="#">Comparative Political Systems</a>	5
POL 3780 <a href="#">Law &amp; Society</a>	5
POL 4000 <a href="#">Public Policy &amp; Administration</a>	5
POL 4641 <a href="#">Theories of Poltcl Sys: Ancient</a> (5)	5
POL 4642 <a href="#">Theories of Politcl Sys: Modern</a> (5)	
POL 4643 <a href="#">Methods of Political Analysis</a>	5
POL 4899 <a href="#">Political Science Capstone</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>38</b>
<b>Select at least three courses from the following:</b>	
<b>Course</b>	<b>Credits</b>
GEO 3500 <a href="#">Environmental Policy</a> (5)	
POL 3500 <a href="#">Environmental Policy</a> (5)	15
GEO 3677 <a href="#">The Nature of Cities</a> (5)	
POL 3410 <a href="#">Moral Foundations of Democracy</a> (5)	

POL 2641 <a href="#">Christianity &amp; Amer. Politics</a> (5)	
POL 3320 <a href="#">Pol &amp; Econ Developmt of Nations</a> (5)	
POL 3430 <a href="#">Pres &amp; Congress: Pol Leadrshp</a> (5)	
POL 3450 <a href="#">Pols, Parties &amp; Interest Grps</a> (3)	
POL 3550 <a href="#">Social Darwinism and Politics</a> (5)	
POL 4450 <a href="#">Constitutional Law:Powers</a> (5)	
POL 4451 <a href="#">Consttutional Law:Liberties</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Electives (consult with advisor)</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>58</b>

### LEADERSHIP STUDIES MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

#### Core Requirements

Course	Credits
POL 2900 <a href="#">Foundations for Leadership</a>	5
POL 4930 <a href="#">Leadership Minor Practicum</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>

#### Organizations or Human Social Behavior (5-10 creds)

Course	Credits
BUS 3614 <a href="#">Organizatnl Behavr for Managrs</a> (5)	
BUS 3439 <a href="#">Motivation &amp; Leadership</a> (5)	
COM 4265 <a href="#">Organizational Communication</a> (5)	
HIS 3670 <a href="#">Hist of Amer Foreign Relations</a> (5)	
POL 3430 <a href="#">Pres &amp; Congress: Pol Leadrshp</a> (5)	
POL 3780 <a href="#">Law &amp; Society</a> (5)	
POL 3450 <a href="#">Pols, Parties &amp; Interest Grps</a> (3)	
PSY 3439 <a href="#">Motivation &amp; Leadership</a> (5)	5
PSY 3600 <a href="#">Small Group Leadership</a> (3)	
PSY 3438 <a href="#">Social Psychology</a> (5)	
PSY 4410 <a href="#">Cross-Cultural Psychology</a> (5)	
SOC 2440 <a href="#">Small Group Dynamics</a> (5)	
SOC 3215 <a href="#">Soc Inequality:Power &amp; Privilqe</a> (5)	
SOC 3862 <a href="#">Race and Ethnicity</a> (5)	
WST 2350 <a href="#">Introductn to Women's Studies</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>

#### Foundations for Leadership:Moral, Ethical and Justice (5-10)

Course	Credits
BUS 4899 <a href="#">Business Ethics</a> (5)	
COM 4177 <a href="#">Communication Ethics</a> (5)	
HIS 3395 <a href="#">Eur Intellect Hist:Anselm-Marx</a> (5)	
HIS 3405 <a href="#">Topics:History of Christianity</a> (3-5)	
HIS 3406 <a href="#">Christianity in America</a> (5)	
POL 2641 <a href="#">Christianity &amp; Amer. Politics</a> (5)	
POL 2642 <a href="#">Christianity &amp; World Politics</a> (5)	
POL 3170 <a href="#">Geopolitics</a> (5)	5
GEO 3170 <a href="#">Geopolitics</a> (5)	
GEO 2207 <a href="#">Economic Geography</a> (5)	
PHI 3601 <a href="#">Ancient Philosophy</a> (5)	
PHI 3702 <a href="#">Social Ethics</a> (3)	
POL 3410 <a href="#">Moral Foundations of Democracy</a> (5)	
SOC 3215 <a href="#">Soc Inequality:Power &amp; Privilqe</a> (5)	
SOC 4260 <a href="#">Complex Organizations</a> (5)	

<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Personal Development and Skills (5-10 credits)</b>	
<b>Course</b>	<b>Credits</b>
BUS 3620 <a href="#">Management Information Systems</a> (5)	
BUS 2600 <a href="#">Managerial Communication</a> (2)	
BUS 3657 <a href="#">Human Resource Management</a> (5)	
COM 2323 <a href="#">Argumentation:Art of Inference</a> (5)	
COM 2227 <a href="#">Small Group Disc &amp; Leadership</a> (5)	
COM 3160 <a href="#">Conflict Management</a> (5)	5
COM 3322 <a href="#">Persuasive Campaigns</a> (5)	
POL 4000 <a href="#">Public Policy &amp; Administration</a> (5)	
PSY 3442 <a href="#">Psychology of Personality</a> (5)	
PSY 2470 <a href="#">Life Span Developmental Psych</a> (5)	
PSY 2422 <a href="#">Psychology of Personal Growth</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>One set below can substitute for one group above:</b>	
<b>Course</b>	<b>Credits</b>
POL 4641 <a href="#">Theories of Politcl Sys:Ancient</a> (5)	10
POL 4643 <a href="#">Methods of Political Analysis</a> (5)	
POL 4642 <a href="#">Theories of Politcl Sys:Modern</a> (5)	10
POL 4643 <a href="#">Methods of Political Analysis</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>0</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

### POLITICAL SCIENCE MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

#### Select one Course from the following:

Course	Credits
POL 2320 <a href="#">Comparative Political Systems</a> (5)	
POL 2330 <a href="#">International Relations</a> (5)	5
POL 3320 <a href="#">Pol &amp; Econ Developmt of Nations</a> (5)	
POL 4310 <a href="#">Internationl Political Economy</a> (5)	

**SECTION CREDITS REQUIRED** 5

#### Select one course from the following:

Course	Credits
POL 1120 <a href="#">American Government &amp; Politics</a> (5)	5
POL 2464 <a href="#">State &amp; Local Politics</a> (5)	

**SECTION CREDITS REQUIRED** 5

#### Select one course from the following:

Course	Credits
POL 2641 <a href="#">Christianity &amp; Amer. Politics</a> (5)	
POL 2642 <a href="#">Christianity &amp; World Politics</a> (5)	
POL 3410 <a href="#">Moral Foundations of Democracy</a> (5)	
POL 3500 <a href="#">Environmental Policy</a> (5)	5
POL 4641 <a href="#">Theories of Politcl Sys:Ancient</a> (5)	
POL 4642 <a href="#">Theories of Politcl Sys:Modern</a> (5)	
POL 4643 <a href="#">Methods of Political Analysis</a> (5)	

**SECTION CREDITS REQUIRED** 5

Political Science Core Requirements	
Course	Credits
POL 1110 <a href="#">Introduction to Politics</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Upper Division Electives (to reach 15 total)</b>	<b>10</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

### GEOPOLITICS MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

Geopolitics Minor Core Requirements	
Course	Credits
GEO 1110 <a href="#">World Regional Geography</a>	5
GEO 3170 <a href="#">Geopolitics</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Select at least one from the following:</b>	
Course	Credits
GEO 2207 <a href="#">Economic Geography</a> (5)	5
POL 2320 <a href="#">Comparative Political Systems</a> (5)	
POL 2330 <a href="#">International Relations</a> (5)	
POL 2642 <a href="#">Christianity &amp; World Politics</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Select at least TWO from the following:</b>	
Course	Credits
GEO 3500 <a href="#">Environmental Policy</a> (5)	10
POL 3500 <a href="#">Environmental Policy</a> (5)	
GEO 4600 <a href="#">Public Policies on Ecotourism</a> (3)	
GEO 4920 <a href="#">Directed Readings</a> (1-5)	
POL 3320 <a href="#">Pol &amp; Econ Developmt of Nations</a> (5)	
POL 3440 <a href="#">War, Peace &amp; World Order</a> (5)	
POL 4310 <a href="#">International Political Economy</a> (5)	
GEO 4911 <a href="#">Advanced Seminar</a> (1-5)	
POL 4911 <a href="#">Advanced Seminar</a> : (1-5)	
GEO 4940 <a href="#">Global Development Internship</a> (1-15)	
POL 4940 <a href="#">Political Internships</a> (1-15)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Choose one course from the Groups above</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

### COURSE DESCRIPTIONS:

[POL 1110](#) | [POL 1120](#) | [POL 2320](#) | [POL 2330](#) | [POL 2641](#) | [POL 2642](#) | [POL 2900](#) | [POL 3125](#) | [POL 3170](#) | [POL 3320](#) | [POL 3330](#) | [POL 3345](#) | [POL 3410](#) | [POL 3430](#) | [POL 3435](#) | [POL 3440](#) | [POL 3450](#) | [POL 3464](#) | [POL 3500](#) | [POL 3550](#) | [POL 3670](#) | [POL 3780](#) | [POL 4000](#) | [POL 4310](#) | [POL 4450](#) | [POL 4451](#) | [POL 4452](#) | [POL 4641](#) | [POL 4642](#) | [POL 4643](#) | [POL 4899](#) | [POL 4900](#) | [POL 4911](#) | [POL 4920](#) | [POL 4930](#) | [POL 4931](#) | [POL 4940](#) | [POL 4950](#) | [VIEW ALL](#)



**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: *Social Science B*

**POL 1120: American Government & 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: *Social Science B*

**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.

Restrictions: *Global Development Studies, Political Science Majors only.*

**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: *Social Science B*

**POL 2641: Christianity & Amer. 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.

Attributes: *Social Science B*

**POL 2642: Christianity & 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. Offered alternate years.

**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. Offered alternate years.

**POL 3125: Issue Sem: Intro Criminal Law (3-5) [Offerings](#)**

**POL 3125: Sem:Christianity/WorldPolitics (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.

Cross-listed Courses: *GEO 3170* Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**POL 3320: Pol & Econ Developmt 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. Offered alternate years.

*Attributes: Upper-Division, Writing "W" Course Restrictions: Economics, Global Development Studies, Political Science Majors only. Freshman students are excluded.*

**POL 3330: Global Perspect Women's Issues (3,5) [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.

*Cross-listed Courses: GEO 3330 Attributes: Upper-Division Restrictions: Freshman students are excluded.*

**POL 3345: Russia,The Caucasus&Cntrl Asia (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.

*Cross-listed Courses: HIS 3345 Attributes: Social Science B, Upper-Division Restrictions: Freshman students are excluded.*

**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. Offered alternate years.

*Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman students are*

excluded.

**POL 3430: Pres & Congress: Pol Leadrshp (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. Offered alternate years.

Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman students are excluded.

**POL 3435: Marxism:20thCent Theory & Prac (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. Offered alternate years.

Cross-listed Courses: ECN 3435, HIS 3435 Attributes: Upper-Division Restrictions: Freshman students are excluded.

**POL 3440: War, Peace & 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.

Cross-listed Courses: HIS 3440 Attributes: Social Science B, Upper-Division Restrictions: Freshman students are excluded.

**POL 3450: Pols, Parties & Interest Grps (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. Offered alternate years. Students who are taking the course to fulfill the capstone requirement should enroll in POL 4899.

Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman students are excluded.

**POL 3464: 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. Offered alternate years.

Attributes: *Upper-Division*

**POL 3500: Environmental Policy (5) [Offerings](#)**

Examines environmental problems and public policy choices. Compares notions of wise use, consumption, sustainability and stewardship of earth's resources in relation to Christian tradition. Considers social, political, and economic forces that impact the natural environment.

Cross-listed Courses: *GEO 3500* 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. Offered alternate years.

Attributes: *Upper-Division, Writing "W" Course*

**POL 3670: Hist of Amer 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.

Cross-listed Courses: *HIS 3670* Attributes: *Social Science B, Upper-Division, Writing "W" Course* Restrictions: *Freshman students are excluded.*

**POL 3780: Law & 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. Offered alternate years.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**POL 4000: Public Policy & Admnstrtn-IS (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. Offered alternate years.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**POL 4310: Internationl 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. Offered alternate years.

Cross-listed Courses: *ECN 4310* Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**POL 4450: Constitutional Law: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. This course is offered every other year, alternating with POL 4451.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**POL 4451: Consttutional Law:Liberties (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. This course is offered every other year, alternating with POL 4450. It may be taken as a stand-alone course or in sequence with POL 4450.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**POL 4452: International Law (3,5) 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: *Upper-Division* Restrictions: *Freshman students are excluded.*

**POL 4641: Theories of Poltcl Sys: 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.*

**POL 4642: Theories of Politcl Sys: 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.*

**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 Majors only. Freshman students are excluded.*

<b>POL 4899: Cap:Counterterrorism &amp;Natl Sec (3) <a href="#">Offerings</a></b>
<b>POL 4899: Capstone: Film &amp; Politics (3) <a href="#">Offerings</a></b>
<b>POL 4899: Capstone: International Law (3) <a href="#">Offerings</a></b>

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. For specific course and topic information, see Catalog and Online Time Schedule descriptions of POL 3450, POL 4911 and POL 4950. Political Science majors who are taking this course to meet the capstone graduation requirement should enroll in POL 4899; all other students should enroll in the equivalent course number.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Political Science Majors only. Senior students only.*

<b>POL 4900: Amercn Conservative Thought-IS (1-5) <a href="#">Offerings</a></b>
<b>POL 4900: Independent Study (1-5) <a href="#">Offerings</a></b>
<b>POL 4900: Personal Injury: Law&amp;Prctce-IS (1-5) <a href="#">Offerings</a></b>

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.*

<b>POL 4911: Sem:Counterterrorism &amp;Natl Sec (1-5) <a href="#">Offerings</a></b>
<b>POL 4911: Seminar: Film &amp; Politics (1-5) <a href="#">Offerings</a></b>

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 4930: Leadership Minor Practicum (1-5) [Offerings](#)**

Prerequisite: Admission to minor. Provides faculty/staff oversight of co-curricular experience in campus leadership positions (defined as those advised within Office of Student Life or Campus Ministries). Instruction via learning contract, readings, assignments and meetings with instructor. May be repeated for credit up to 10 credits.

Restrictions: *Freshman students are excluded.*

**POL 4931: Political Science Practicum (1-5) [Offerings](#)**

Political Science Practicum May be repeated for credit up to 5 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.*

## PRE-LAW

[www.spu.edu/depts/polisci/prelaw.htm](http://www.spu.edu/depts/polisci/prelaw.htm)

Reed Davis, Advisor

Seattle Pacific University provides assistance to students considering law school through a pre-law advising program sponsored by the [Department of Political Science and Geography](#). Pre-law is not a major and therefore has no required courses. However, all students considering law school are strongly encouraged to take the following three-course sequence:

- 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

(Each course is offered on alternate years.)

In addition, students should 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](#).

Students interested in a legal career should contact the pre-law advisors in the Political Science Department as early as possible during their study at SPU. The pre-law advisors will assist pre-law students in choosing a major and a course of study appropriate to law school. They will also advise students about how to prepare for the LSAT. For more information, contact Professor Reed Davis at 206-281-2395 or [rdavis@spu.edu](mailto:rdavis@spu.edu).

### Recommended Courses for Pre-Law Students

All pre-law students are encouraged to take the following three-course\* sequence:

- POL 3780 Law and Society (5)
- POL 4450 American Constitutional Law: Federalism and Separation of Powers (5)
- POL 4451 American Constitutional Law: Civil Liberties and Civil Rights (5)

Pre-law students are also encouraged to take other law-related courses at SPU as their schedule permits. These include:

- BUS 2414 Legal Environment of Business (5)
- JRN 3301 Media Law (5)
- SOC 3371 Crime and Delinquency (5)
- SOC 4250 Sociology, Policy, and Law (5)

In addition, pre-law students are encouraged to take courses that strengthen their skills of writing, speaking, and analysis, which are crucial to success in law school and the legal profession. Some of these courses include:

- COM 1321 Public Speaking (5)
  - COM 2323 Argumentation: The Art of Inference (5)
  - COM 3321 Advanced Public Speaking (5)
  - COM 3628 Foundations of Western Rhetoric (5)
  - PHI 1001 The Power of Logic (5)
  - PHI 2001 Advanced Logic (3)
  - ENG 2201 Intermediate College Writing (3)
  - ENG 3301 Advanced Expository Writing (3)
  - JRN 2101 Introductory Newswriting (4)
  - JRN 2202 Public Affairs Reporting (4)
- \***Note:** Each of these courses is offered on alternate years.

## PRE-PROFESSIONAL HEALTH PROGRAMS

Science Building  
206-281-2797  
[spu.edu/depts/biology/preprofessional3.asp](http://spu.edu/depts/biology/preprofessional3.asp)

**Cynthia L. Fitch**, Ph.D., Coordinator, Department of Biology

Seattle Pacific University offers faculty advising for a number of pre-professional health science programs (PPHS) that prepare students to transfer and/or gain acceptance into professional health programs at other institutions.

### All Pre-Professional Health Science Students

A career in health sciences involves both a strong science preparation and a strong foundation in liberal arts — because medicine is a healing art requiring significant skills in human interaction and understanding. And patients are best served by practitioners who are well grounded in the liberal arts, human sciences, and the pure sciences.

Any major is acceptable preparation. However, a strong undergraduate program in the sciences is both required and advised. Admission to professional schools is extremely competitive, especially in medicine, so it is important to obtain advising from the coordinator of the Pre-Professional Health Sciences program to plan an individually appropriate and competitive academic plan throughout undergraduate preparation.

Health science graduate programs consider several factors, including the following:

- The student's grades.
- Students' scores on standardized tests such as the MCAT, DAT, GRE, PCAT, and OCAT.
- Health-related clinical experience.
- Letters of recommendation from clinicians, professors, and community service, and leadership representatives.
- Leadership and service experience is expected, and research experience is strongly encouraged for admission to graduate health programs.
- To become a viable candidate for graduate schools in the health professions, a student must be well acquainted with the requirements and procedures particular to each health profession career as outlined below.

All students pursuing admission to graduate programs in medicine, dentistry, and veterinary medicine are required by SPU to utilize the **Pre-Professional Health Science Advisory Committee system**.

Students interested in other graduate health science programs, such as optometry and physician assistant, have the option to utilize the committee interview and letter of evaluation service. However, use of the committee system by these students is not required, because the application process is different for these programs. Traditionally, students intending to enter pharmacy, physical therapy, occupational therapy, and other graduate programs in health sciences do not utilize the committee system.

Nevertheless, all PPHS students are expected to utilize the academic advising associated with the PPHS coordinator and Advisory Board, as well as participate in all or most of the PPHS classes described below.

Success in pursuing a career in health science and gaining acceptance to a health science graduate program demands constant self-assessment on the part of the student and mentoring by knowledgeable faculty and clinical professionals who have themselves advised many successful students over the years.

### Professional Health Science Graduate School Admissions Checklists

[Checklist: First and Second SPU Years](#)

[Checklist: Third or Fourth SPU Years](#)

[Checklist: Application \(Fourth or Post-Graduate\) SPU Years](#)

### Summary of the Application Procedure

- Get to know the PPHS coordinator as soon as possible in your first year. Take the PPHS classes as outlined above.

- Arrange health-related volunteer experiences throughout your first two to three years individually and through the SPU mentor program. Continue a strong and improving academic record. Participate in leadership and service projects.
- If appropriate for the profession you choose, arrange for an SPU Pre-Professional Health Science committee interview and committee evaluation letter before you submit your primary application in the spring prior to your application year.
- Take the appropriate standardized test in either spring or early summer prior to the application year or earlier. Generally, programs that require the GRE need a late summer or early fall test date. Do not submit primaries without knowing your test score.
- Submit your primary application in the early summer of your application year. Complete secondary applications in the months that follow primary application submission. Arrange interviews as requested during the fall and winter of the application year.
- Go to the graduate school the following fall and make SPU proud.

### **Pre-Medicine and Pre-Dentistry**

Admission to medical and dental schools is extremely competitive, so it is important to obtain advising from the PPHS coordinator to plan an individually appropriate and competitive academic plan.

Key factors considered by medical and dental school selection committees are based on the following:

- The student's grades (both science and non-science and in an upward-trending trajectory)
- Strong performance on the MCAT or DAT
- An "in-house" interview, recommendation, and letter of evaluation from the SPU Pre-Professional Health Science committee
- Health-related clinical experience with a support letter
- Other support letters highlighting extracurricular, leadership, and service experience
- Research experience (strongly encouraged)
- A strong interview with the medical or dental school admissions committee.

A graduate degree in medicine is obtained by attending an allopathic medical school and earning a medical doctor (M.D.) degree or by attending an osteopathic medical school and earning a doctor of osteopathic medicine (D.O.) degree.

Both types of graduates are fully eligible to become board certified in any specialty and practice medicine in all 50 states of the United States. A graduate degree in dentistry is obtained by attending any U.S. dental School and earning either a dental medical doctor (D.M.D.) degree or a doctor of dental surgery (D.D.S.) degree. The type of degree varies by school, but both types of graduates are qualified to practice dentistry in all 50 U.S. states.

Since specific coursework requirements vary from school to school, students should become familiar with the specific prerequisites of the medical or dental schools to which they intend to apply. However, nearly all medical and dental schools have at least the following minimal expectations for coursework:

**Chemistry**, including one year "general," and one year "organic." All must have labs: CHM 1211, CHM 1212, CHM 2540, CHM 3371, CHM 3372, CHM303373.

**Biology**, one year "general" with labs: BIO 2101, BIO 2102, BIO 2103; plus selected upper-division core courses, especially biochemistry, genetics, and 20–25 physiology.

**Physics**, one year algebra-based or calculus-based with lab: PHY 1101, PHY 1102, PHY 1103, or PHY 1121, PHY 1122, PHY 1123. 15

**English** ("ENG" courses, writing courses, and general education coursework) 10

<b>Math</b> (Variable amounts of college-level mathematics ranging from one quarter of statistics to one full year of calculus — discuss with coordinator.)	5–20
<b>Total</b>	<b>80–100</b>

Additional science courses are strongly recommended (and sometimes required), such as anatomy, physiology, biochemistry, genetics, cell biology, microbiology, developmental biology, histology, bio-ethics, and upper-division chemistry courses. Some medical and dental schools also suggest knowledge of calculus.

All applicants must complete a minimum of 135 quarter-credit hours (three years) of academic work. However, with the increasing competition to enter medical and dental schools, it is extremely rare for applicants to be admitted with less than four years of undergraduate work and a bachelor's degree.

### Pre-Veterinary Medicine

These recommendations are for students desiring to enter veterinary medicine as a profession and to earn a doctorate in veterinary medicine (D.V.M.).

Competition is intense to gain acceptance to a school of Veterinary Medicine. Application to veterinary medicine schools begins with submitting a "primary application" in the summer before the application year. Students seeking admission to these graduate programs need to complete a bachelor's degree in any field, plus include the following prerequisite coursework:

<b>General Biology</b> BIO 2101, 2102, 2103	15
<b>General Chemistry</b> CHM 1211, 1212	10
<b>Introductory Inorganic Chemistry</b> CHM 2540	5
<b>Organic Chemistry</b> CHM 3371, 3372, 3373	15
<b>Physics</b> PHY 1101, 1102, 1103 or 1121, 1122, 1123	15
<b>Animal Physiology</b> BIO 4413	5
<b>Vertebrate Biology</b> BIO 3432	5
<b>Genetics</b> BIO 3324	5
<b>Microbiology</b> BIO 3351	5
<b>Biochemistry</b> BIO or CHM 4361 and 4362	10
<b>Mathematics</b> (including a course in calculus)	5
<b>Statistics</b> MAT 1360 or HSC 4044	5
<b>Nutrition</b> (preferably an Animal Nutrition course)	5
<b>Total</b>	<b>105</b>

Note: Additional courses in English composition, humanities, and social science may be required by individual veterinary medical schools. Other recommended courses are speech (public speaking), English literature, economics, psychology, and history.

### Pre-Physical Therapy (and Pre-Occupational Therapy)

To meet [American Physical Therapy Association](#) accreditation standards, all physical therapy graduate programs must lead to a doctorate degree in physical therapy (D.P.T.).

Most programs have transitioned to doctorate programs, and a few schools still offer a master's degree. Students seeking admission to a physical therapy graduate program need to complete a bachelor's degree in any field, plus include the prerequisite coursework listed below.

While many of these courses are not required for occupational therapy, following the Pre-Physical Therapy track makes students strongly competitive for a master's in occupational therapy (M.O.T.). There are beginning to be doctorate programs in O.T. called the O.T.D. as well.

The main pre-PT and pre-OT track is the B.S. in applied human biology. Students should contact individual P.T. and O.T schools for their admissions requirements or consult the [APTA](#) or [AOTA](#) websites.

<b>General Biology</b> BIO 2101, 2102, 2103	15
<b>Human Anatomy and Physiology</b> BIO 2129, 2130	10
<b>General Microbiology</b> BIO 3351	5
<b>General Chemistry</b> CHM 1211, 1212	10
<b>Organic and Biological Chemistry</b> CHM 1330	5

<b>Introductory Inorganic Chemistry</b> CHM 2540	5
<b>General Physics</b> PHY 1101, 1102, 1103	15
<b>Statistics</b> (e.g., MAT 1360 or HSC 4044)	5
<b>General Psychology</b> PSY 1180	5
<b>Life Span or Developmental Psychology</b> PSY 2470 or 4420	5
<b>Abnormal Behavior</b> PSY 4460	5
<b>Biomechanics</b> PE 3570	5
<b>Exercise Physiology</b> PE 3580	5
<b>Total</b>	<b>95</b>

Suggested additional courses include human nutrition, communication, and two courses in English are strongly suggested.

### Pre-Optometry

The need for well-trained doctor of optometry (O.D.) recipients is increasing. Admission committees for four-year programs leading to the doctor of optometry degree consider the following factors:

- Strength and breadth of the student's academic record.
- OAT scores
- Evidence of work (paid or volunteer) under the supervision of a professional optometrist
- Extracurricular activities and community service
- Strength of recommendations and on-campus interviews.

Consult each optometry school's website for its admission prerequisites.

Enrollment in optometry schools is limited, and admission is selective. All pre-optometry courses must be completed before entering a college of optometry.

The following list of courses represents a minimum pre-optometry program:

<b>General Biology</b> BIO 2101, 2102, 2103	15
<b>Anatomy and Physiology I and II and Microbiology</b> BIO 2129 and BIO 2130 and BIO 3351	15
<b>General Chemistry</b> CHM 1211, 1212	10
<b>Introductory Inorganic Chemistry</b> CHM 2540	5
<b>Organic Chemistry</b> CHM 3371, 3372, 3373	15
<b>Mathematics</b> (including a course in calculus)	10–15
<b>Statistics</b> MAT 1360 or HSC 4044	5
<b>Physics</b> PHY 1101, 1102, 1103 or 1121, 1122, 1123	15
<b>Psychology</b>	5
Other Social Sciences	5–10
English (must include a course in expository writing)	6-9
<b>Total</b>	<b>106-119</b>

While some optometry programs admit students with prerequisites complete and no bachelor's degree, a most competitive applicant has a completed degree.

### Pre-Pharmacy

The following recommendations are for students desiring to enter pharmacy as a profession. Currently, the entry degree for pharmacists is the doctorate of pharmacy (Pharm.D.).

Pre-pharmacy students must have a sound background in math and science, which can be accomplished by majoring in biology, chemistry, or biochemistry. However, a science major is not required.

Good communication skills are important, as is a broad general education in the social sciences and humanities. The pre-pharmacy program required by schools of pharmacy is an absolute minimum of two years, but a minimum of three years is highly recommended. The most competitive candidates earn a bachelor's degree prior to matriculation at a pharmacy graduate program.

Below is a list of courses required by many pharmacy schools. One should check the individual school for specific requirements and also check with the PPHS coordinator. Applications to pharmacy schools begin with a [primary application](#) available at ParmCAS.

<b>General Biology</b> BIO 2101, 2102, 2103	15
<b>Anatomy &amp; Physiology</b> BIO 2129 and 2130	10
<b>Microbiology</b> BIO 3351	5
<b>General Chemistry</b> CHM 1211, 1212	10
<b>Organic Chemistry</b> CHM 3371, 3372, 3373	15
<b>Introductory Inorganic Chemistry</b> CHM 2540	5
<b>Mathematics</b> (including a course in calculus)	5–10
<b>Biochemistry</b>	5–10
<b>Statistics</b> MAT 1360 or HSC 4044	5
<b>Total</b>	<b>75-85</b>

Other undergraduate biology courses recommended are genetics, cell biology, neurobiology, and immunology. Two courses in English composition, humanities, and social science are required.

Other recommended courses are speech (public speaking), English literature, economics, psychology, history, and physics.

#### **COURSE DESCRIPTIONS:**

[PPHS 1200](#) | [PPHS 1800](#) | [PPHS 2400](#) | [PPHS 3980](#) | [VIEW ALL](#)

#### **PPHS 1200: Intro to Health Professions (1) [Offerings](#)**

This course provides the incoming freshman with an overview of professional health sciences as a career and the academic requirements to gain acceptance to these advanced programs. Since these programs are graduate level degree programs in health careers, our pre-requisite coursework pathway is called Pre-Professional Health Sciences. This Orientation course is required of all incoming freshmen interested in these careers after graduation. This course will focus on the following careers: Medicine, Dentistry, Physical Therapy, Pharmacy, Physician Assistant, Optometry and Veterinary Medicine. This class will briefly cover these careers: Public Health, Podiatry, Naturopathic Medicine, Chiropractic Medicine, Occupational Therapy, Graduate-level nursing programs and other bachelor level and associate degree level careers such as Dental Hygiene, X-ray technology, Optician and Veterinary Assistant (to name a few) will only briefly be discussed because this course is primarily geared for preparation toward graduate level training in health careers. Grading: Pass/No Credit; community service component required. May be repeated for credit up to 2 credits.

#### **PPHS 1800: Health Care Career Seminar (1) [Offerings](#)**

Prerequisite: CHM 1211 or BIO 2101 or BIO 2129 and 2130 or permission of Instructor. This seminar course is required of all continuing pre-professional health sciences (PPHS) students, incoming transfer students interested in PPHS, or SPU students new to the PPHS program. The vocational impact of graduate level careers in the Health Sciences will be discussed with health care providers in the fields of Medicine, Dentistry, Physical Therapy, Pharmacy, Physician Assistant, Optometry, Veterinary Medicine and Graduate Nursing.



Additional health care providers will present as opportunities arise. Specific topics will include initial field experience needed for each career track (such as shadowing, volunteering or employment), typical work weeks, demand on family, insurance, pay expectations, medical missions, armed services related careers, specializations, debt incurred in training, and most importantly, vocational impact on Christian faith. Continued discussion on academic preparation will occur.

Grading: Pass/No Credit. Job shadowing, informational interview and/or volunteering with a summary paper 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 up to 3 credits.

**PPHS 2400: Application Workshop (2) [Offerings](#)**

Prerequisites: PPHS 1800 and CHM 3371 or PHY 1101, or permission of Instructor. 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 up to 4 credits.

**PPHS 3980: Preprofes Health Sci Field Exp (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*

## PROFESSIONAL STUDIES

The Professional Studies program is for students transferring to Seattle Pacific University with an approved technical or professional degree from the community-college system. This program allows students to receive a bachelor's degree by completing liberal-arts requirements and a minor. A maximum of 90 community college credits are transferred into this program.

### **Admission to the Major or Minor**

Students are admitted to the University and the professional studies major simultaneously. Students must meet all prerequisites for the minor as well as specific minor requirements. Minor requirements are listed within the discipline.

### **Requirements for the Professional Studies Major**

*53–60 credits, plus a minimum of 30 credits in a minor*

See [Curriculum for Special Programs](#) (PDF).

Students must complete the following:

- 10 credits in Foundations.
- 5 credits in a class designated as “W.”
- All general education requirements.
- At least 30 credits in a minor.
- Minimum of 180 college-level credits.
- Minimum of 60 upper-division credits (3000–4999).

## SOCIOLOGY

Alexander Hall  
206-281-2276  
[spu.edu/depts/soc/](http://spu.edu/depts/soc/)

**FACULTY:** [Martin Abbott](#), [David Diekema](#), [Mikyung Kim](#), [Jennifer McKinney](#), [Kevin Neuhouser](#), [Karen Snedker](#)  
[Martin Abbott](#), [David Diekema](#), [Mikyung Kim](#), [Jennifer McKinney](#), [Kevin Neuhouser](#), and [Karen Snedker](#)

The Department of Sociology offers a major and a minor in sociology.

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

The Department of Sociology's goals are for students to develop a sociological imagination that allows them to critically apply sociological perspectives to social institutions and problems, to learn the skills of research design, data collection, and data analysis and to explore the interrelationship between Christian faith and sociology so that students can critically and faithfully apply their sociological knowledge in their work, communities, and spiritual life.

By training students in the sociological perspective, they are well prepared to work toward the SPU mission of "engaging the culture and changing the world" with wisdom and grace in accordance with the best sociological knowledge and practice.

SPU students majoring in sociology have obtained positions in international community development, NGOs, social service agencies, and with research groups. Graduates have also obtained graduate degrees in sociology, law, social work, social policy, and counseling.

### **Admission to the Major or Minor**

To qualify for admission to the major, a student must have a 2.5 minimum SPU GPA and 15 credits of completed work in the discipline. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

### **Requirements for the Sociology Major**

A maximum of 10 credits of SOC 4940 can apply to the major.

**Note:** *Students in the sociology major are strongly encouraged to take the core courses in sequence — introduction, statistics, methods, theory, and then capstone.*

*With the help of their advisors, students should create a plan that includes the combination of elective courses that will best prepare them to achieve their career and life goals.*

### **Requirements for the Sociology Minor**

SOC 4940 does not apply to the minor.

### **Requirements for the Anthropology Minor**

Requires an archeology course from approved local community colleges.

### **Application for Major and Minor** (Word Format)

[Application for Major and Minor](#) (PDF Format)

**Note:** *Students should consult a sociology advisor to create a course of study that best accommodates their educational program.*

## SOCIOLOGY MAJOR

53 Credits Minimum, Including 25 Upper Division (UD)

### Suggested Course Sequence

Required Core Courses	
Course	Credits
SOC 1110 <a href="#">Introduction to Sociology</a> (5) ANT 2250 <a href="#">Cultural Anthropology</a> (5)	5
SOC 2360 <a href="#">Intro to Stats Soc &amp; Behav Sci</a> (5) MAT 1360 <a href="#">Introduction to Statistics</a> (5)	5
SOC 3751 <a href="#">Intro to Research Methods</a>	5
SOC 4702 <a href="#">Classical Sociological Theory</a>	5
SOC 4899 <a href="#">Sociology Capstone Seminar</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>23</b>
<b>Electives (including 12 UD credits)</b>	<b>30</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>53</b>

## SOCIOLOGY MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

Sociology Minor Core Requirements	
Course	Credits
SOC 1110 <a href="#">Introduction to Sociology</a>	5
SOC 2360 <a href="#">Intro to Stats Soc &amp; Behav Sci</a> (5) MAT 1360 <a href="#">Introduction to Statistics</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Electives in Sociology (15 UD credits)</b>	<b>20</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

## COURSE DESCRIPTIONS:

[SOC 1110](#) | [SOC 2000](#) | [SOC 2252](#) | [SOC 2310](#) | [SOC 2360](#) | [SOC 2440](#) | [SOC 2620](#) | [SOC 2650](#) | [SOC 3215](#) | [SOC 3270](#) | [SOC 3370](#) | [SOC 3371](#) | [SOC 3410](#) | [SOC 3420](#) | [SOC 3430](#) | [SOC 3750](#) | [SOC 3751](#) | [SOC 3862](#) | [SOC 4210](#) | [SOC 4250](#) | [SOC 4252](#) | [SOC 4308](#) | [SOC 4380](#) | [SOC 4440](#) | [SOC 4702](#) | [SOC 4703](#) | [SOC 4820](#) | [SOC 4899](#) | [SOC 4900](#) | [SOC 4910](#) | [SOC 4920](#) | [SOC 4930](#) | [SOC 4940](#) | [SOC 4941](#) | [SOC 4970](#) | [VIEW ALL](#)

### **SOC 1110: Introduction to Sociology (5) [Offerings](#)**

Basic principles for understanding social relationships. This course is a comprehensive introduction to the field of sociology, including analyses of the mutual interaction of society and the individual; major theoretical perspectives; methods for obtaining sociological knowledge; and major problems and issues that confront societies. Note: Emphasis from a United States, Third World, or

social problems perspective will be offered in different sections. The Sociology Department will be able to identify which course has which emphasis.

Attributes: *Social Science A*

**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 an institution and a mode for personal living: marital adjustment, parent-child relationships, changing family patterns, and family disorganization and reorganization.

Cross-listed Courses: *FCS 2252*

**SOC 2310: Foundations of Social Services (5) Offerings**

This course is intended to be an introduction to social services, social welfare policy, and the profession of social work in the United States. Social welfare programs designed to ameliorate or reduce the impact of social problems including poverty, child maltreatment, delinquent behavior, mental illness, or problems associated with growing old will be explored. The role of human service providers, especially social workers, is a cornerstone of the course. Liberal, conservative, and radical political ideologies and the differing approaches to solving social problems will be discussed. The intersection of faith/religion and social services is integrated into all course content.

Cross-listed Courses: *SOC 4310* Attributes: *Social Science A*

**SOC 2360: Intro to Stats Soc & Behav Sci (5) Offerings**

Prerequisites: SOC 1110 and Math Placement Level B or MAT 0145. 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.

Cross-listed Courses: PSY 2360 Attributes: Mathematics  
(MAT) Restrictions: Psychology, Sociology Majors only.

**SOC 2440: Small Group Dynamics (5) [Offerings](#)**

Examines the small group as the primary source of social order. This course explores the internal processes of small groups, the impact of small groups on their individual members, and the relationship of small groups to larger social structures.

**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.

**SOC 2650: Introduction to Globalization (5) [Offerings](#)**

Globalization is a complex intersection of processes that are rapidly transforming the ways in which the world is organized, leaving virtually no one unaffected. This course provides a sociological analysis in which students will be introduced to the changing dynamics of global economies, cultures, and politics, including the origins of these processes, as well as the variety of consequences for people around the world. This course pays particular attention to the emergence of global problems (e.g. inequality, terrorism, human trafficking, global warming) that require global cooperation to be solved (e.g. NGOs, the IMF, the WTO).

**SOC 3215: Soc Inequality: Power & Privlge (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. Offered alternate years.

Attributes: Upper-Division

**SOC 3270: Socialization (5) [Offerings](#)**

SOC 1110 is a recommended prerequisite for this course. Socialization is the process by which individuals develop into social beings. Various theories of

socialization and human development will be utilized to explore the role played by social structure and institutions in the integration of the individual into society. We will examine infant and early childhood socialization, the role of the media and social institutions in socializing children and adults, adult stages of development, and the role of history in socializing cohorts of people.

Attributes: *Upper-Division*

**SOC 3370: Sociology of Deviance (5) [Offerings](#)**

SOC 1110 is a recommended prerequisite for this course. Examines a variety of deviant behavior such as alcohol abuse, drug use, mental illness, violent crime, homosexuality, and prostitution. The course focuses on issues of social definition and causal explanation.

Attributes: *Upper-Division*

**SOC 3371: Crime & Delinquency (5) [Offerings](#)**

SOC 1110 is a recommended prerequisite for this course. Studies crime and delinquency in modern society, focusing on both individual and social causes.

Attributes: *Upper-Division*

**SOC 3410: Medical Sociology (5) [Offerings](#)**

SOC 1110 is a recommended prerequisite for this course. The study of the relationships between social institutions and the development of medicine as a profession. Also studied is the social demography of health, doctor-patient interactions, and ethical dilemmas developing from rapid technological advances.

Attributes: *Upper-Division*

**SOC 3420: Political Sociology (5) [Offerings](#)**

SOC 1110 is a recommended prerequisite for this course. This course is an introduction to "political sociology," the analysis of the interaction between politics, society, and economy. To focus the analysis, the course is oriented by two questions: What is the social basis of political power? What is the social basis for democratic regime stability or instability?

Attributes: *Upper-Division*

**SOC 3430: Sociology of Education (5) Offerings**

This course will examine the nature of education in society from a sociological perspective and contribute to critical thinking skills regarding the education system. What is the nature of schools? What inequality exists within the educational institution? What factors influence student success in school? Students will use a variety of methods to understand the nature of schools and schooling in the United States and throughout the world.

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.

Cross-listed Courses: *HIS 3750* Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**SOC 3751: Intro to Research Methods (5) Offerings**

Prerequisite: SOC/PSY 2360 or MAT 1360, SOC 1110 is also a recommended. Explores the development of social research, the nature of scientific inquiry, basic methodological techniques, and examines representative sociological and political studies from the standpoint of methodology. 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.

Cross-listed Courses: *PSY 3588* Attributes: *Upper-Division, Writing "W"*  
Course Restrictions: *Sociology Majors only. Freshman, Sophomore students are excluded.*

**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: *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: *Upper-Division* Restrictions: *Junior, Senior students only.*

**SOC 4250: Sociology of Law (5) [Offerings](#)**

This advanced course examines the relationship between law and society, situating law within the broader socio-political context. Specifically, 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 in modern society, and law and social change. This goal is to encourage and facilitate critical thinking about law and society. It is not a technical course on practicing law, but a sociological perspective of law.

Attributes: *Upper-Division*

**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 causes stresses and generates problems within the family.

Attributes: *Upper-Division*

**SOC 4308: Helping Relationship: Theory & Skills (5) [Offerings](#)**

SOC 1110 is a recommended prerequisite for this course. This course examines the knowledge base and practice skills necessary to the development of effective

client/helper relationships in the human-service professions. Students will simultaneously focus on two areas of learning. The first level pertains to understanding the steps and key skills necessary to successfully utilize a task-centered model of problem solving. This includes an introduction to and practicing of basic interviewing skills, especially active listening and the effective use of questions. The second level of learning is directed at assisting students to deepen their degree of self awareness pertaining to their values, family histories, religious beliefs, and biases that might facilitate or create barriers in building effective helping relationships with clients. The class material will touch on the importance of diversity issues prevalent in our society such as gender, ethnicity, race, religious, and sexual distinctions.

Attributes: *Upper-Division*

**SOC 4380: Social Service Organizations (5) [Offerings](#)**

SOC 1110 is a recommended prerequisite for this course. This course is intended to be an overview of the methods, structures and goals for delivering social services to people in need. The first portion of the quarter will focus on social service methods such as the delivery of services to individuals and families, groups, communities and social services delivered through the church. The second portion of the quarter will be devoted to examining human-service agencies. Topics that will be covered are funding sources, bureaucratic structure, organization goals for clients, client-organization relationships, worker-client relationships, and worker burnout.

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.

Cross-listed Courses: *PSY 3438* 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 4703: Contemp Sociological Theory (5) Offerings**

SOC 1110 is a recommended prerequisite for this course. This is an introduction to the major contemporary theoretical programs in sociology (e.g., exchange approaches, symbolic interactionism, structural theories, and feminist theories). Emphasis will be placed on the basic assumptions and elemental ideas of the various theories, and the relevance of these ideas for understanding contemporary society.

Attributes: *Upper-Division*

**SOC 4820: Sociology of Religion (5) Offerings**

SOC 1110 is a recommended prerequisite for this course. An analysis of religion as a social form 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 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. 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**

**SOC 4910: Seminar: Community Development (1-5) Offerings**

**SOC 4910: Seminar: Homelessness (1-5) Offerings**

SOC 1110 is a recommended prerequisite for this course. Provides a seminar experience in emerging and in specialized topics within sociology such as family violence, death and dying, etc. This course is designed primarily for Sociology majors; however, if you are interested in taking the course and are not a sociology major, please contact the instructor to request an override. 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**

Prerequisites: SOC 2310, or SOC 4310 and SOC 4308 and SOC 4380. SOC 4308 or SOC 4380 may be taken concurrently; SOC 1110 is also recommended. 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.*

**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 4941: Practicum/Internship Seminar (1-5) [Offerings](#)**

SOC 1110 is a recommended prerequisite for this course. Provides a seminar experience for students who are currently enrolled in either an internship or practicum course in sociology. The class is student directed and topics discussed are related to the student's field experience. May be repeated for credit up to 5 credits.

*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*

## STUDENT-DESIGNED MAJOR

Student-designed majors are intended for students with high academic achievement who have a particular interest that crosses the boundaries of disciplinary majors. A student may design an individualized major of courses selected from the various disciplines that apply to the student's special interest.

Once a student has discussed a possible special major with a faculty advisor, he or she should:

- Submit the [student-designed major application form \(PDF\)](#).
- The proposed program.
- A statement of purpose and rationale.
- An advisor's and school's signature of approval to the Undergraduate Policy and Evaluation Committee.

The proposal should provide evidence that the student has considered courses or learning experiences that will provide an opportunity to integrate content and skills from the various disciplines in his or her program. The committee may suggest changes, but once the proposal has been approved a contract will be placed in the student's file in [Student Academic Services](#).

A student must have a minimum SPU cumulative GPA of 3.0 to apply for a student-designed major. A student-designed major must be applied for no later than the first quarter of a student's junior year. [Student-Designed Major application forms \(PDF\)](#) are available online and from Student Academic Services in Demarary Hall 120.

All standards governing a major as described elsewhere in the *Undergraduate Catalog* will apply to student-designed programs.

## THEATRE

McKinley Hall  
206-281-2145  
[spu.edu/depts/fpa/theatre/tre\\_homepage.asp](http://spu.edu/depts/fpa/theatre/tre_homepage.asp)

**FACULTY:** [Andrew Ryder](#), [George Scranton](#), [Don Yanik](#)

The mission of the Department of Theatre is to educate, train, and prepare theatre artists of character and competence who will engage and transform the culture through faithful use of their creative gifts and talents.

The study of theatre provides students 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.

Students in theatre are 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 the student to explore and develop herself or himself as both an individual and as an artist.

By the nature of the art itself, the production and performance process is inherent to undergraduate theatre study. Many of the courses offered by the department focus on skills associated with performance, playwriting, directing, designing, and technical theatre crafts. In addition to the classroom experience, an extensive production program is maintained.

The performance schedule is divided among main stage, studio, laboratory, and touring productions, with titles selected to reflect a wide range of dramatic forms and styles. Special emphasis is given to plays that deal with positive values and the relationship between theatre and the Christian faith.

### Career Opportunities

The curriculum of the theatre program is designed both to prepare interested students for graduate studies and to serve as a groundwork for the placement of committed Christians in the culture-shaping world of the professional theatre.

Career opportunities for theatre majors extend beyond acting into other specialties such as the following:

- Set design
- Lighting and costume design
- Stage management
- Promotion and publicity
- Playwriting and directing
- Business management

Additionally, the skills acquired as a major — skills of self-knowledge, communicative social interaction, presentation of self, personal discipline, risk taking, cooperative group effort and sensitivity to others — are important to many career applications other than those allied specifically with the theatre.

Theatre majors find that they are prepared through their art to serve especially well in those careers associated with working with the public.

### Admission to the Theatre Major

Formal admission to a major in theatre is accomplished at the end of the first quarter of the sophomore year, or in the case of transferring students beyond the sophomore level, in the second quarter of residence.

To qualify for admission as a major in the theatre program, the student is required to have completed 12 credits of work with a 2.5 GPA in theatre, which must include TRE 1720 Stagecraft and TRE 1310 Actor's Art *or* TRE 1340 Acting One. A student must complete the major requirements in effect when the student is admitted to the major.

A student must also complete and submit for the theatre faculty's approval an application for admission. Application may be made through [this application](#) (PDF).

### **Requirements for the Theatre Major**

Students majoring in the study of theatre must fulfill the following requirements:

- Earn a minimum of 70 credits in theatre studies and applications, with a minimum of 30 upper-division credits.
- Demonstrate a growing ability in theatrical criticism, artistic awareness, and personal theatrical skills.
- Successfully complete a senior project\* in acting, directing, design, technical direction, or playwriting. This project must include both an approved prospectus and some form of public demonstration made during the student's senior year.

A maximum of 12 credits of practica offerings may be applied toward the major; any number toward the B.A. degree.

TRE 4899 Capstone: Art and Religious Experience fulfills the eighth course required in the Common Curriculum.

\*The senior project, developed with advisor consultation and approved by the theatre faculty, is expected to be the independent work of a mature student artist. It is considered the culmination of the student's undergraduate training and must be of substantial merit, reflecting an informed artistic sensitivity and philosophy. (Up to 3 credits of TRE 4961 Special Projects may be accumulated in the completion of this requirement.)

### **Admission to the Theatre Minor**

Formal admission to a minor in theatre is accomplished by the end of the sophomore year, or in the case of transferring students beyond the sophomore level, in the second quarter of residence.

The student is required to complete and submit for the approval of the theatre faculty an application for minor status. Application should be made through the [Office of Fine Arts](#) on forms available there. A student must complete the minor requirements in effect when the student is admitted to the minor.

### **Requirements for the Theatre Minor**

Students earning a minor in the study of theatre must fulfill the following requirements:

- Earn a minimum of 35 credits in theatre studies and applications, with a minimum of 15 credits in upper-division credits.
- Demonstrate a growing ability in theatrical criticism, artistic awareness, and personal theatrical skills.

A maximum of 8 credits of practica offerings may be applied toward the minor; any number toward the B.A. degree.

TRE 4899 Capstone: Art and Religious Experience fulfills the eighth course required in the Common Curriculum.

### **Requirements for Theatre Education, K–12 Teaching Endorsement**

*55 credits; 28 upper-division*

Students seeking a [theatre education endorsement](#) must also complete education courses and internship requirements for certification. See School of Education drama requirements below and in the [School of Education](#) section of this *Undergraduate Catalog*.

TRE 1310 The Actor's Art  
or TRE 1340 Acting I Fundamentals 5  
TRE 1720 Stagecraft 5  
Co-requisite: TRE 1931 Production Practicum 2  
TRE 1810 Script Analysis 3  
TRE 1930/3930 Performance Practicum 2  
TRE 2340 Acting II: Creating Character 5  
or TRE 3340 Acting III 3  
TRE 2420 Theatre and Drama: Tragedy  
or TRE 2421 Theatre and Drama: Comedy 5  
TRE 3710 Play Directing 5  
TRE 3733 Scene Design and Technical Drawing 5



TRE 4770 Creative Dramatics 3  
 TRE 4899 Capstone: The Arts and Religious Experience 5  
 TRE 4911 History of the Theatre I  
 TRE 4913 History of the Theatre II 5  
**Total 55**

**School of Education Requirements**

**Integrated Studies Major with a concentration in The Arts  
 (For students seeking K-8 certification)**

Students who are planning to obtain elementary school certification and are interested in theatre must major in the integrated studies major with a concentration in The Arts.

- The concentration consists of courses in art, music, and theatre.
- Application (PDF) to this major is through the advisor for The Arts concentration, Dr. Andrew Ryder ([aryder@spu.edu](mailto:aryder@spu.edu)).
- Further information on the elementary certification program is available in the School of Education section of the *Undergraduate Catalog*.

Requirements for Integrated Studies: The Arts concentration  
Requirements for Elementary Certification

**THEATRE MAJOR**

79 Credits Minimum, Including 30 Upper Division (UD)

Suggested Course Sequence

<b>General Core</b>	
<b>Course</b>	<b>Credits</b>
TRE 1930 <u>Performance Practicum</u> (2)	2
TRE 3930 <u>Performance Practicum</u> (2)	
TRE 1931 <u>Production Practicum</u> (6)	6
TRE 3931 <u>Production Practicum</u> (6)	
TRE 1720 <u>Stagecraft</u>	5
TRE 1810 <u>Playscript Analysis</u>	3
TRE 1340 <u>Acting I: Fundamentals</u> (5)	5
TRE 1310 <u>The Actor's Art</u> (5)	
TRE 2340 <u>Acting II: Creating Character</u> (5)	5
TRE 3340 <u>Acting III: Styles</u> (5)	
TRE 2420 <u>Theatre &amp; Drama: Tragedy</u> (5)	5
TRE 2421 <u>Theatre &amp; Drama: Comedy</u> (5)	
TRE 2740 <u>Introduction Lighting &amp; Sound</u>	3
TRE 3733 <u>Scene Design &amp; Technical Drawing</u>	5
TRE 3710 <u>Play Directing</u>	5
TRE 4899 <u>Capstone: Art &amp; Religious Experience</u>	5
TRE 4911 <u>History of the Theatre I</u> (5)	5
TRE 4913 <u>History of the Theatre II</u> (5)	
TRE 4961 <u>Senior Project in Theatre</u>	3
<b>SECTION CREDITS REQUIRED</b>	<b>57</b>

<b>Theatre Electives (including at least 7 UD credits)</b>	
<b>Course</b>	<b>Credits</b>
TRE 1730 <a href="#">AutoCAD Drafting</a> (3)	
TRE 2320 <a href="#">Stage Movement</a> (3)	
TRE 2330 <a href="#">Stage Combat</a> (3)	
TRE 2350 <a href="#">Theatre Voice</a> (3)	
TRE 2733 <a href="#">Scene Painting</a> (3)	
TRE 2751 <a href="#">Stage Management</a> (3)	
TRE 2950 <a href="#">Special Topics in Theatre</a> (1-3)	
TRE 3321 <a href="#">Elements of Mime</a> (3)	
TRE 3331 <a href="#">Auditioning</a> (3)	
TRE 3720 <a href="#">Stage Make-up</a> (3)	22
TRE 3750 <a href="#">Costume &amp; Period Styles</a> (5)	
TRE 3780 <a href="#">The Art of Film</a> (5)	
TRE 3800 <a href="#">Theatre Education</a> (3)	
TRE 4760 <a href="#">Playwriting</a> (5)	
TRE 4770 <a href="#">Creative Drama</a> (3)	
TRE 4900 <a href="#">Independent Study in Theatre</a> (1-5)	
TRE 4943 <a href="#">Theatre Internship</a> (1-5)	
TRE 4950 <a href="#">Special Topics in Theatre</a> (1-3)	
TRE 4951 <a href="#">Special Topics in Theatre</a> (1-5)	
<b>SECTION CREDITS REQUIRED</b>	<b>22</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>79</b>

### **THEATRE MAJOR - PERFORMANCE EMPHASIS**

79 Credits Minimum, Including 30 Upper Division (UD)

#### Suggested Course Sequence

<b>General Core</b>	
<b>Course</b>	<b>Credits</b>
TRE 1930 <a href="#">Performance Practicum</a> (2)	2
TRE 3930 <a href="#">Performance Practicum</a> (2)	
TRE 1931 <a href="#">Production Practicum</a> (6)	6
TRE 3931 <a href="#">Production Practicum</a> (6)	
TRE 1720 <a href="#">Stagecraft</a>	5
TRE 1810 <a href="#">Playscript Analysis</a>	3
TRE 1340 <a href="#">Acting I: Fundamentals</a> (5)	5
TRE 1310 <a href="#">The Actor's Art</a> (5)	
TRE 2340 <a href="#">Acting II: Creating Character</a> (5)	5
TRE 3340 <a href="#">Acting III: Styles</a> (5)	
TRE 2420 <a href="#">Theatre &amp; Drama: Tragedy</a> (5)	5
TRE 2421 <a href="#">Theatre &amp; Drama: Comedy</a> (5)	
TRE 2740 <a href="#">Introduction Lighting &amp; Sound</a>	3
TRE 3733 <a href="#">Scene Desgn &amp; Technicl Drawing</a>	5
TRE 3710 <a href="#">Play Directing</a>	5
TRE 4899 <a href="#">Capstone: Art &amp; Religous Exprnc</a>	5
TRE 4911 <a href="#">History of the Theatre I</a> (5)	5
TRE 4913 <a href="#">History of the Theatre II</a> (5)	
TRE 4961 <a href="#">Senior Project in Theatre</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>57</b>

<b>Theatre Major: Performance Track Electives</b>	
<b>Course</b>	<b>Credits</b>
TRE 2320 <a href="#">Stage Movement</a>	3
TRE 2350 <a href="#">Theatre Voice</a>	3
TRE 3321 <a href="#">Elements of Mime</a>	3
TRE 3331 <a href="#">Auditioning</a>	3
TRE 2340 <a href="#">Acting II:Creating Character</a> (5) TRE 3340 <a href="#">Acting III: Styles</a> (5)	5
TRE 4760 <a href="#">Playwriting</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>22</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>79</b>

### **THEATRE MAJOR - PRODUCTION EMPHASIS**

79 Credits Minimum, Including 30 Upper Division (UD)

#### Suggested Course Sequence

<b>General Core</b>	
<b>Course</b>	<b>Credits</b>
TRE 1930 <a href="#">Performance Practicum</a> (2) TRE 3930 <a href="#">Performance Practicum</a> (2)	2
TRE 1931 <a href="#">Production Practicum</a> (6) TRE 3931 <a href="#">Production Practicum</a> (6)	6
TRE 1720 <a href="#">Stagecraft</a>	5
TRE 1810 <a href="#">Playscript Analysis</a>	3
TRE 1340 <a href="#">Acting I: Fundamentals</a> (5) TRE 1310 <a href="#">The Actor's Art</a> (5)	5
TRE 2340 <a href="#">Acting II:Creating Character</a> (5) TRE 3340 <a href="#">Acting III: Styles</a> (5)	5
TRE 2420 <a href="#">Theatre &amp; Drama:Tragedy</a> (5) TRE 2421 <a href="#">Theatre &amp; Drama:Comedy</a> (5)	5
TRE 2740 <a href="#">Introduction Lighting &amp; Sound</a>	3
TRE 3733 <a href="#">Scene Desgn &amp; Technicl Drawing</a>	5
TRE 3710 <a href="#">Play Directing</a>	5
TRE 4899 <a href="#">Capstone:Art &amp; Reliqous Exprnc</a>	5
TRE 4911 <a href="#">History of the Theatre I</a> (5) TRE 4913 <a href="#">History of the Theatre II</a> (5)	5
TRE 4961 <a href="#">Senior Project in Theatre</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>57</b>

<b>Theatre Major: Production Track Electives</b>	
<b>Course</b>	<b>Credits</b>
TRE 1730 <a href="#">AutoCAD Drafting</a>	3
TRE 2733 <a href="#">Scene Painting</a>	3
TRE 2751 <a href="#">Stage Management</a>	3
TRE 3720 <a href="#">Stage Make-up</a>	3

TRE 3750 <a href="#">Costume &amp; Period Styles</a>	5
TRE 4760 <a href="#">Playwriting</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>22</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>79</b>

### THEATRE MAJOR - TEACHING EMPHASIS

104 Credits Minimum, Including 68 Upper Division (UD)

#### Suggested Course Sequence

#### Core Courses

Course	Credits
TRE 1310 <a href="#">The Actor's Art</a> (5)	5
TRE 1340 <a href="#">Acting I: Fundamentals</a> (5)	
TRE 1720 <a href="#">Stagecraft</a> (5)	7
TRE 1931 <a href="#">Production Practicum</a> (2)	
TRE 1810 <a href="#">Playscript Analysis</a>	3
TRE 1930 <a href="#">Performance Practicum</a> (2)	2
TRE 3930 <a href="#">Performance Practicum</a> (2)	
TRE 2340 <a href="#">Acting II: Creating Character</a> (5)	5
TRE 3340 <a href="#">Acting III: Styles</a> (5)	
TRE 2420 <a href="#">Theatre &amp; Drama: Tragedy</a> (5)	5
TRE 2421 <a href="#">Theatre &amp; Drama: Comedy</a> (5)	
TRE 3710 <a href="#">Play Directing</a>	5
TRE 3733 <a href="#">Scene Design &amp; Technical Drawing</a>	5
TRE 4770 <a href="#">Creative Drama</a>	3
TRE 4899 <a href="#">Capstone: Art &amp; Religious Expression</a>	5
TRE 4911 <a href="#">History of the Theatre I</a> (5)	5
TRE 4913 <a href="#">History of the Theatre II</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>50</b>

#### Foundations Quarter (must be taken concurrently)

Course	Credits
EDU 2104 <a href="#">Introduction to Education</a>	2
EDU 2200 <a href="#">Foundations &amp; Educational Psychology</a>	3
EDU 2300 <a href="#">Diversity &amp; the Classroom</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>

#### Methods and Skills Courses

Course	Credits
EDU 3942 <a href="#">September Experience</a>	1
EDU 4530 <a href="#">Topics in Secondary Education</a>	1-5
EDU 4030 <a href="#">Educational Methods in Theatre</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>6</b>

#### Methods Quarter (must be taken concurrently)

Course	Credits
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EDU 3250 <a href="#">Sec Gen Mth I:Plan &amp; Cls Mngmt</a>	2
EDU 3107 <a href="#">Laboratory Experience: K-12</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>4</b>
<b>Integrated Quarter (must be taken concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDU 4945 <a href="#">Secondary Internship A</a>	18
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Internship Quarter (must be taken concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDTC 4236 <a href="#">Intgrate Tech for Elem Teachrs</a> (1)	1
EDTC 4237 <a href="#">Integrtn of Tech Secndry Tchrs</a> (1)	
EDU 4899 <a href="#">Teacher as Person-Capstone</a>	2
EDU 4946 <a href="#">Secondary Internship B</a>	15
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>104</b>

#### THEATRE MINOR

35 Credits Minimum, Including 15 Upper Division (UD)

<b>Theatre Minor Core Requirements</b>	
<b>Course</b>	<b>Credits</b>
TRE 1720 <a href="#">Stagecraft</a>	5
TRE 1931 <a href="#">Production Practicum</a>	2
TRE 1810 <a href="#">Playscript Analysis</a>	3
TRE 1340 <a href="#">Acting I: Fundamentals</a> (5)	5
TRE 1310 <a href="#">The Actor's Art</a> (5)	
TRE 2420 <a href="#">Theatre &amp; Drama:Tragedy</a> (5)	5
TRE 2421 <a href="#">Theatre &amp; Drama:Comedy</a> (5)	
TRE 3710 <a href="#">Play Directing</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>25</b>
<b>Upper Division Electives in Theatre</b>	<b>10</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>35</b>

#### COURSE DESCRIPTIONS:

[TRE 1110](#) | [TRE 1310](#) | [TRE 1340](#) | [TRE 1720](#) | [TRE 1730](#) | [TRE 1810](#) | [TRE 1930](#) | [TRE 1931](#) | [TRE 2320](#) | [TRE 2330](#) | [TRE 2340](#) | [TRE 2350](#) | [TRE 2420](#) | [TRE 2421](#) | [TRE 2733](#) | [TRE 2740](#) | [TRE 2751](#) | [TRE 2950](#) | [TRE 3321](#) | [TRE 3331](#) | [TRE 3340](#) | [TRE 3710](#) | [TRE 3720](#) | [TRE 3733](#) | [TRE 3750](#) | [TRE 3780](#) | [TRE 3800](#) | [TRE 3930](#) | [TRE 3931](#) | [TRE 4760](#) | [TRE 4770](#) | [TRE 4899](#) | [TRE 4900](#) | [TRE 4911](#) | [TRE 4913](#) | [TRE 4930](#) | [TRE 4943](#) | [TRE 4950](#) | [TRE 4951](#) | [TRE 4961](#) | [VIEW ALL](#)

**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 three to four evening theatrical performances. Extra fees required for events collected in class.

Attributes: *Arts and Humanities A* Restrictions: *Theatre Majors are excluded.*

**TRE 1310: The Actor's Art (5) [Offerings](#)**

Intended for non-theatre majors or minors. An introduction to the actor's task in preparation for the dramatic performance; focuses on developing sensory awareness, observation skills, selective imagination, and ensemble relationships through improvisation and scene work. No credit for students who have taken TRE 1340.

Attributes: *Arts and Humanities A*

**TRE 1340: Acting I: Fundamentals (5) [Offerings](#)**

Designed for intended theatre majors or minors or others with extensive acting experience. Prepares students for dramatic performance through intensive work in sensory awareness, observation skills, and selective imagination. Develops ensemble relationships through improvisation and scene work. No credit given for students who have taken TRE 1310.

Attributes: *Arts and Humanities A*

**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.

**TRE 1730: AutoCAD Drafting (3) [Offerings](#)**

Prerequisites: TRE 1720 and 1931. 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.

**TRE 1810: Playscript Analysis (3) [Offerings](#)**

Foundational approaches to problems of script analysis. Reading and analysis of representative plays from the distinct perspectives of playwright, actor, designer, and director. Attendance at selected theatrical productions and critical response.

**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: *Arts and Humanities A*

**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.

Attributes: *Arts and Humanities A*

**TRE 2320: Stage Movement (3) [Offerings](#)**

Specialized movement for the actor including work in physical flexibility, balancing, equilibristics, circus techniques, hand-to-hand combat, and use of theatrical masks for performance. Offered alternate years.

**TRE 2330: Stage Combat (3) [Offerings](#)**

Prerequisite: TRE 1310 or 1340. 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 II: Creating Character (5) [Offerings](#)**

Prerequisite: TRE 1310, 1340, or permission of instructor. Improvisation and scene work exploring the problems of characterization as developed through both internal and external performance techniques. Offered alternate years.

**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. Offered alternate years.

**TRE 2420: Theatre & Drama:Tragedy (5) [Offerings](#)**

The nature of tragedy and tragic expression in the theatre as revealed by selected playscripts and theoretical works drawn from the history of Western civilization.

Attributes: *Arts and Humanities A*

**TRE 2421: Theatre & Drama:Comedy (5) [Offerings](#)**

Principle theories of the comic as presented in the theatre and preserved in playscripts drawn from the history of Western civilization.

Attributes: *Arts and Humanities A*

**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. Extra fees for materials and supplies. Offered alternate years.

**TRE 2740: Introduction Lighting & Sound (3) [Offerings](#)**

Prerequisite: TRE 1720. Introduction to stage lighting and sound, covering theatrical sound equipment, lighting equipment and instruments, and the principles of lighting, and sound design. Offered alternate years.



**TRE 2751: Stage Management (3) [Offerings](#)**

Prerequisites: TRE 1720 and 1931. Provides an introduction to the roles and duties of the stage manager from pre-production through rehearsal and performance phases of a theatrical production.

**TRE 2950: Special Topics: Sound Design (1-3) [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 3321: Elements of Mime (3) [Offerings](#)**

An introduction to the theory and practice of mime, the language of gesture. Offered alternate years.

Attributes: *Upper-Division*

**TRE 3331: Auditioning (3) [Offerings](#)**

Prerequisites: TRE 1310 or 1340, and TRE 1810. Offers practical instruction on preparing for a professional audition. Includes strategies for monologue, prepared, and cold reading presentation, and resume preparation, as well as song preparation and execution. Assumes a fundamental understanding of scene preparation and research techniques.

Attributes: *Upper-Division*

**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, Elizabethan, mannerist, or other dramatic materials. Offered alternate years.

Attributes: *Upper-Division*

**TRE 3710: Play Directing (5) [Offerings](#)**

Prerequisite: TRE 1810 or permission of instructor. 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.

*Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.*

**TRE 3720: Stage Make-up (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. Extra fees for materials and supplies. Offered alternate years.

*Attributes: Upper-Division*

**TRE 3733: Scene Design & Technical Drawing (5) [Offerings](#)**

Prerequisite: TRE 1720. An introductory course of scene design with emphasis on analysis and interpretation of the script, use of research material and a developmental process of design. Includes an introduction to and the application of standard practices of drafting. Extra fees for materials and supplies.

*Attributes: Upper-Division Restrictions: Freshman students are excluded.*

**TRE 3750: Costume & Period Styles (5) [Offerings](#)**

An introductory, developmental 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, architecture, ornament, furniture, and its application to stage design. Offered alternate years.

*Attributes: Upper-Division*

**TRE 3780: 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 they present ideological points of view and fulfill certain wishes of the spectator.

Cross-listed Courses: COM 2780, COM 3780, TRE 2780 Attributes: Arts and Humanities A, Upper-Division, Writing "W" Course Restrictions: Freshman students are excluded.

**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 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: Arts and Humanities A, Upper-Division 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: Arts and Humanities A, Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**TRE 4760: Playwriting (5) Offerings**

Prerequisite: TRE 1810 or permission of instructor. Seminar discussion and conferences in the writing of actual playscripts. Offered alternate years.

Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman, Sophomore students are excluded.

**TRE 4770: Creative Drama (3) [Offerings](#)**

This course will explore methods of using drama as a way of learning in the classroom for all ages, K-12. Students will learn the basic skills of drama and how to incorporate the art form into teaching, as well as provide an outlet for children to express themselves through movement, speech and performing arts.

*Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.*

**TRE 4899: Capstone: Art & Religious Exprnc (5) [Offerings](#)**

This capstone course in theatre explores the interdependence of theatre and Christian theology and worship. Its primary focus is on theatre and its inter-relationships with religious experience, but explores some aspects of its related arts of music, visual arts, dance and architecture, especially as they relate to religious experience and Christian worship.

*Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman, Sophomore students are excluded.*

**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.

*Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman, Sophomore students are excluded.*

**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.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Freshman, Sophomore students are excluded.*

**TRE 4930: Theatre Practicum (1-3) Offerings**

For advanced students who wish to assist as peer academic mentors in UCOR 1000 courses. May be repeated for credit up to 6 credits.

Attributes: *Upper-Division*

**TRE 4943: Theatre Internship (1-5) Offerings**

Prerequisites: 15 credits of B or better work in theatre; an internship plan approved by the theatre faculty. Supervised application of theatre skills in the marketplace. 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 (1-3) 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 and conferences in area of specialization within the theatre discipline, culminating in the presentation of a project. May be repeated for credit up to 10 credits.

Attributes: *Upper-Division* Restrictions: *Theatre Majors only. Freshman, Sophomore students are excluded.*

## **ART**

Art Center  
3 West Cremona  
206-281-2079  
[spu.edu/depts/viscom/](http://spu.edu/depts/viscom/)

**FACULTY:** [Gala Bent](#), [Roger Feldman](#), [Karen Gutowsky-Zimmerman](#), [Katie Kresser](#), [Laura Lasworth](#)

**ART DEPARTMENT ADJUNCT FACULTY:** Carolyn Autenrieth, Juanita Brautlacht, Virginia Causey, Laurence Chen Charlie Choo, Gloria DeArcangelis, Jamie Fleming, Brian Glassco, Susan Harris, Andrea Harrison, Hovie Hawk, Kayo Nakamura, Anna MacDonald, Paulette Manson, Christen Mattix, David Peacock, Erin Pierce, Andy Petterson, and Natalie St. Martin

### **The purpose of the art program:**

- Acquaint students with the fundamental elements and principles of the visual arts and design and their use in either studio art, illustration/new pictures, art history, or visual communication.
- Develop students' skills in the use of various traditional and experimental forms of studio and technological media.
- Encourage application of skills in a manner that engages contemporary culture.
- Build cultural literacy through exposure to art history and critical theory.
- Encourage students' exploration of the spiritual nature of art and design as an expression of their faith. The curriculum provides training in studio arts, illustration, visual communication and art history, and aims to prepare students for both professional practice and advanced study.

### **Admission to the Major or Minor**

Formal application for admission to a major or minor in art should be made upon completion of the specified freshman drawing and design course sequences (see specific major requirements). Students pursuing the art history emphasis may apply after completion of two art history courses. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

In the case of a transfer student with class status beyond the sophomore level, application to the studio art or visual communication major or art minor can be made after confirmation of successful completion of equivalent drawing and design course sequences.

Applications are reviewed on the third Tuesday of April and the first Tuesday of September. At the time of application the student must:

- Designate her or his intention to pursue studies in studio arts, illustration/new pictures, art history or visual communication, or to pursue a minor in studio arts.
- Submit a specified portfolio for review.
- Submit a current transcript, showing a minimum 2.5 GPA in art courses.
- Have completed three of the designated foundational courses.
- Submit a specified essay for review.

### **Requirements for the Art Major, Art Minor, and Visual Communication Major**

There are two majors in the Art Department: visual communication and art. The art major consists of three tracks:

- Studio art
- Illustration/new pictures
- Art history

All art majors (excluding art history emphasis), as a condition of graduation, are required to participate in a Senior Exhibition during Spring Quarter of their senior year. All senior visual communication majors, as a condition of graduation, are required to participate during Spring Quarter of their senior year in the Visual Communication Portfolio Exhibition.

Senior art majors (excluding art history emphasis) must also, as a condition of graduation, provide the Art Department with a comprehensive photographic portfolio of work completed during their studies. The images will be retained by the Art Department as part of the department image bank.

The minimum upper-division credit requirement for the art major and for the visual communication major is 30 credits. At least 15 upper-division credits must be completed for the art minor.

**Integrated Studies Major with a concentration in The Arts  
(For students seeking K-8 certification)**

Students who are planning to obtain elementary school certification and are interested in art must major in the [integrated studies major](#) with a concentration in The Arts.

- The concentration consists of courses in art, music, and theatre.
- [Application \(PDF\)](#) to this major is through the advisor for The Arts concentration, Dr. Andrew Ryder ([aryder@spu.edu](mailto:aryder@spu.edu)).
- Further information on the [elementary certification program](#) is available in the [School of Education](#) section of the *Undergraduate Catalog*.

[Requirements for Integrated Studies: The Arts concentration](#)  
[Requirements for Elementary Certification](#)

**VISUAL COMMUNICATION MAJOR**

96 Credits Minimum, Including 30 Upper Division (UD)

[Suggested Course Sequence](#)

<b>Foundational Courses</b>	
<b>Course</b>	<b>Credits</b>
ART 1104 <a href="#">Drawing Studio:Perspective</a>	5
ART 1202 <a href="#">Design Studio-2 Dimensional</a>	5
ART 1203 <a href="#">Design Studio-3 Dimensional</a>	5
ART 1205 <a href="#">Design Studio Color</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>20</b>

<b>Visual Communication Emphasis Courses</b>	
<b>Course</b>	<b>Credits</b>
ART 2201 <a href="#">Introduction to Computer Art</a>	3
ART 2205 <a href="#">Image Capture</a>	3
ART 2502 <a href="#">Illustration</a>	5
ART 2602 <a href="#">West Trad I: Ancient&amp;Medvl Art</a>	5
ART 2603 <a href="#">West Trad II: Art since Renssnc</a>	5
ART 3200 <a href="#">Intro: Typography&amp;Letterforms</a>	3
ART 3202 <a href="#">Visual Communication I</a>	5
ART 3204 <a href="#">Visual Communication II</a>	5
ART 3205 <a href="#">Applied Typography</a>	5
ART 3208 <a href="#">Programs/Case Studies</a>	5
ART 3610 <a href="#">Histy Graphic Design/Illustrn</a>	5
ART 4207 <a href="#">Information Design</a>	5
ART 4208 <a href="#">Interactive Media I-Web Design</a>	5
ART 4209 <a href="#">Environmental Design</a>	5
ART 4210 <a href="#">Interactive Media II</a>	3



ART 4212 <a href="#">Motion Graphics</a>	3
ART 4899 <a href="#">Senior Capstone:Visual Communc</a>	3
ART 4943 <a href="#">Art Internship</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>76</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>96</b>

## COURSE DESCRIPTIONS:

[ART 1102](#) | [ART 1103](#) | [ART 1104](#) | [ART 1180](#) | [ART 1202](#) | [ART 1203](#) | [ART 1205](#) | [ART 2112](#) | [ART 2201](#) | [ART 2205](#) | [ART 2302](#) | [ART 2421](#) | [ART 2422](#) | [ART 2502](#) | [ART 2602](#) | [ART 2603](#) | [ART 2722](#) | [ART 3200](#) | [ART 3202](#) | [ART 3204](#) | [ART 3205](#) | [ART 3208](#) | [ART 3302](#) | [ART 3303](#) | [ART 3315](#) | [ART 3421](#) | [ART 3422](#) | [ART 3502](#) | [ART 3546](#) | [ART 3605](#) | [ART 3606](#) | [ART 3608](#) | [ART 3610](#) | [ART 3611](#) | [ART 3612](#) | [ART 3613](#) | [ART 3700](#) | [ART 3722](#) | [ART 4207](#) | [ART 4208](#) | [ART 4209](#) | [ART 4210](#) | [ART 4212](#) | [ART 4302](#) | [ART 4421](#) | [ART 4422](#) | [ART 4502](#) | [ART 4505](#) | [ART 4507](#) | [ART 4722](#) | [ART 4897](#) | [ART 4898](#) | [ART 4899](#) | [ART 4900](#) | [ART 4920](#) | [ART 4930](#) | [ART 4943](#) | [ART 4950](#) | [ART 4966](#) | [ART 4968](#) | [VIEW ALL](#)

### ART 1102: Drawing Studio:Observtn&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. Extra fee.

Attributes: Arts and Humanities A

### ART 1103: Drawing Studio:Concept&Compstn (5) [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. Extra Fee.

Attributes: Arts and Humanities A Restrictions: Junior, Senior students are excluded.

### ART 1104: Drawing Studio:Perspective (5) [Offerings](#)

Provides an introduction and in depth exploration of technical drawing systems that enable designers and illustrators to simulate 3D space. Covers techniques such as: orthographic projection, paralline drawing, and linear perspective systems. Extra fee.

Attributes: *Arts and Humanities A* Restrictions: *Art, Art-Int, Clothing & Textiles, Interior Design, Visual Communication, Visual Communication-Int Majors only. Junior, Senior students are excluded.*

**ART 1180: The Visual Arts (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.

Attributes: *Arts and Humanities A*

**ART 1202: Design Studio-2 Dimensional (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. Extra fee.

**ART 1203: Design Studio-3 Dimensional (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. Extra fee.

**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. Emphasis will be placed on the seven color contrasts as defined by Itten in the Elements of Color. Students will work with both paint and computer systems. Extra fee.

Restrictions: *Art, Clothing & Textiles, Clothing & Textiles-Int, Interior Design, Visual Communication, Visual Communication-Int Majors only. Freshman,*

*Sophomore students only.*

**ART 2112: Drawing Studio: Beginn Figure (3) [Offerings](#)**

Prerequisite: ART 1102 or 1103 or 1104. Provides an introduction to figure drawing for beginning students who want to develop sound drawing and observational skills in life drawing. Highly stresses anatomical observation focusing on an understanding of skeletal structure and musculature. Composition and lighting are also highlighted during class discussions. Extra fee.

Restrictions:*Art, Clothing & Textiles, Clothing & Textiles-Int, Interior Design, Interior Design-Int Majors only.*

**ART 2201: Introduction to Computer Art (3) [Offerings](#)**

Prerequisites: (ART 1102 or 1103 or 1104) and ART 1202 and 1205. Overview and exploration of the rudimentary use of digital media as it relates to the design production of visual communications and illustration. Extra fee.

Restrictions:*Art, Visual Communication Majors only.*

**ART 2205: Image Capture (3) [Offerings](#)**

Prerequisite: ART 2201. Exploration of traditional and digital methods of capturing images for refinement, manipulation, or reference. Extra fee.

Restrictions:*Art, Visual Communication Majors only.*

**ART 2302: Painting Studio:Still Life-Oil (5) [Offerings](#)**

Prerequisite: ART 1102 or 1103 or 1104. 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. Extra fee.

Attributes:*Arts and Humanities A* Restrictions:*Junior, Senior students are excluded.*

**ART 2421: Printmaking Studio (3) [Offerings](#)**

Studies graphic art with projects in several printing media including relief and intaglio processes in woodcut, linocut, drypoint and etching, lithography, and monoprint. Extra fee.

Attributes: *Arts and Humanities A* Restrictions: *Freshman students are excluded.*

**ART 2422: Metals Studio (3) Offerings**

Teaches the raising, soldering, and forging of metals into utensils and decorative forms such as jewelry. Emphasizes fabrication. Extra fee.

Attributes: *Arts and Humanities A*

**ART 2502: Illustration (5) Offerings**

Prerequisites: ART (1102 or 1103 or 1104) and 1202, and ART 1205.  
Introduction to the various problems, materials, techniques, and processes utilized in professional illustration. Extra fee.

Restrictions: *Art, Visual Communication Majors only.*

**ART 2602: West Trad I: Ancient & Medvl Art (5) Offerings**

Survey course treating Western Art (and its major Eastern influences) from Ancient Egypt through the late Middle Ages.

Attributes: *Arts and Humanities A*

**ART 2603: West Trad II: Art since Renssnc (5) Offerings**

Survey course treating Western art from the Renaissance until the middle twentieth century.

Attributes: *Arts and Humanities A*

**ART 2722: Sculpture Studio (5) Offerings**

Prerequisite: ART 1203. 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. Extra fee.

Restrictions: *Freshman students are excluded.*

**ART 3200: Intro: Typography&Letterforms (3) [Offerings](#)**

Prerequisite: ART 2201. Introduces the communicative, symbolic and associative aspects of typography. Emphasizes the strategic use of typography as a primary design element. Extra fee.

Attributes: *Upper-Division* Restrictions: *Art, Visual Communication Majors only. Freshman students are excluded.*

**ART 3202: Visual Communication I (5) [Offerings](#)**

Prerequisites: ART 2201, 2502, and 3200. Exploration of creative ideas, resources, digital processes, media, and terminology in the development of visual communication solutions. Extra fee.

Attributes: *Upper-Division* Restrictions: *Visual Communication Majors only. Freshman, Sophomore students are excluded.*

**ART 3204: Visual Communication II (5) [Offerings](#)**

Prerequisite: ART 3202. Continues exploration of terminology, processes, and theory in the development of design solutions for various forms of visual communication. Extra fee.

Attributes: *Upper-Division* Restrictions: *Visual Communication Majors only. Freshman, Sophomore students are excluded.*

**ART 3205: Applied Typography (5) [Offerings](#)**

Prerequisite: ART 3200. Teaches advanced application of typographic systems to both static and moving communication media. Extra fee.

Attributes: *Upper-Division* Restrictions: *Visual Communication Majors only. Freshman, Sophomore students are excluded.*

**ART 3208: Programs/Case Studies (5) [Offerings](#)**

Prerequisite: ART 3204. Covers design development and application related to a series of communication devices supporting a campaign, conference or event. Extra fee.

*Attributes: Upper-Division Restrictions: Visual Communication Majors only. Freshman, Sophomore students are excluded.*

**ART 3302: Painting Studio: Oil & Acrylic (3) [Offerings](#)**

Prerequisites: ART 1102 or 1103 or 1104, and ART 2302 or permission of instructor. Explores new directions and interpretations of classical interiors, landscape, and environments. Also investigates imaginary and observational approaches. Extra fee.

*Attributes: Upper-Division Restrictions: Freshman students are excluded.*

**ART 3303: Painting Studio: Figure (3) [Offerings](#)**

Prerequisites: (ART 1102, or 1103, or 1104) and 1205, 2302, and 2112. 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. Extra fee.

*Attributes: Upper-Division Restrictions: Art Majors only. Freshman students are excluded.*

**ART 3315: Water Based Media (3) [Offerings](#)**

Prerequisites: ART 1102 or 1103, and ART 1205. Investigates a range of technical skills in the use of traditional and experimental uses of watercolor, gouache, acrylic, and mixed media. Extra fee.

*Attributes: Upper-Division*

**ART 3421: Printmaking Studio-Advanced I (3) [Offerings](#)**

Prerequisite: ART 2421 or permission of instructor. Studies graphic art with projects in several of the printmaking media including serigraph, collograph and

monoprint. Extra fee.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**ART 3422: Metals Studio - Advanced I (3) Offerings**

Prerequisite: ART 2422 or permission of instructor. Teaches the raising, soldering, and forging of metals into utensils and decorative forms such as jewelry. Emphasizes forming. Extra fee.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**ART 3502: Image and Narration (5) Offerings**

Prerequisites: ART (1102 or 1103 or 1104) and 1202, 2112, and (1205 or 3315). 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 would encourage media experimentation as well as visual storytelling while applying a variety of drawing styles. Extra fee. May be repeated for credit 1 time.

Attributes: *Upper-Division* Restrictions: *Art Majors only. Freshman, Sophomore students are excluded.*

**ART 3546: Art Education (3) Offerings**

Discusses the principles and elements of art as related to a variety of media with direct application to use in 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. Extra fee.

Attributes: *Upper-Division*

**ART 3605: Topics in Modern Art (5) Offerings**

Why does the art of the twentieth century look so strange? What were Jackson Pollock and Pablo Picasso thinking? In this class we'll explore the historical and philosophical issues leading toward the decline of realistic art in the nineteenth

century and the rise of abstract art forms in the twentieth.

Attributes: *Arts and Humanities A, Upper-Division, 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. Offered alternate years.

Attributes: *Arts and Humanities A, Upper-Division, Writing "W"*  
Course Restrictions: *Freshman students are excluded.*

**ART 3608: Issues in Contemporary Art (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: *Arts and Humanities A, Upper-Division, Writing "W" Course*

**ART 3610: History Graphic Design/Illustration (5) [Offerings](#)**

Survey of historical roots of typography, illustration, and graphic design to the present. Issues, ideas, and designer/artists are studied as vehicles for historical advancement.

Attributes: *Upper-Division, Writing "W" Course* Restrictions: *Art, Visual Communication Majors only. Freshman students are excluded.*

**ART 3611: Art Theory & Historiography (3) [Offerings](#)**

Prerequisite: One Art History course or permission of the instructor. "Looking at Art" is designed to acquaint students with the major historical and critical methods used for interpreting and explaining artistic expression. The course will



place a strong emphasis on understanding and critiquing a range of postmodern theories. Offered alternate years.

Attributes: *Upper-Division, Writing "W" Course*

**ART 3612: Urban Spaces of Rome (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: *Arts and Humanities A, Upper-Division, Writing "W" Course*

**ART 3613: Roman Church Architecture (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 the evolution of the Roman church buildings from the simple basilicas of the Early Christian era to the Baroque fantasias of Rome's second Golden Age in the 16th century.

Attributes: *Arts and Humanities A, Upper-Division*

**ART 3700: Digital Media in Art (3) [Offerings](#)**

Prerequisite: ART 2201. Exploration and development of digital media in the context of the visual arts. Utilizes digital media as tools in the production of time based imagery and sound, for use as components or stand alone works of art. May be repeated for credit 1 time.

Attributes: *Upper-Division* Restrictions: *Art Majors only. Freshman, Sophomore students are excluded.*

**ART 3722: Sciptre Stdio-Installtn Art-IS (3) [Offerings](#)**

**ART 3722: Sculpture Studio-Installtn Art (3) [Offerings](#)**

Prerequisite: ART 2722 or permission of instructor. Studies in development of installation art from conceptualization to implementation. Extra fee.

*Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.*

**ART 4207: Information Design (5) [Offerings](#)**

Prerequisites: ART 3200, 3202, 3204, 3205, and 3208. Explores theoretical, practical and developmental aspects of information design. Develops systematic approaches to visually communicating complex statistics and data. Extra fee.

*Attributes: Upper-Division Restrictions: Visual Communication Majors only. Freshman, Sophomore students are excluded.*

**ART 4208: Interactive Media I-Web Design (5) [Offerings](#)**

Prerequisites: ART 2201, 2205, and 3200. 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. Extra fee.

*Attributes: Upper-Division Restrictions: Art, Visual Communication Majors only. Freshman, Sophomore students are excluded.*

**ART 4209: Environmental Design (5) [Offerings](#)**

Prerequisites: ART 4207, and 4208. Explores spatial information environments and experience design. Investigates wayfinding, navigation, exhibition, and/or signage. Extra fee.

*Attributes: Upper-Division Restrictions: Visual Communication Majors only. Freshman, Sophomore students are excluded.*

**ART 4210: Interactive Media II (3) [Offerings](#)**

Prerequisite: ART 4208. 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 Web

sites or learning tools. Extra fee.

Attributes: *Upper-Division* Restrictions: *Visual Communication Majors only.*  
*Freshman, Sophomore students are excluded.*

**ART 4212: Motion Graphics (3) [Offerings](#)**

Prerequisite: ART 4210. Exploration and focus upon utilization of movement as a design element in the interactive electronic environment. Investigation of primitive to sophisticated uses of animation as a communicative instrument. Extra fee.

Attributes: *Upper-Division* Restrictions: *Visual Communication Majors only.*  
*Freshman, Sophomore students are excluded.*

**ART 4302: Painting Studio: New Pictures (3) [Offerings](#)**

Prerequisites: (ART 1102 or 1103 or 1104), and ART 1205, 2302, or 3315. 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. Extra fee. May be repeated for credit 2 times.

Attributes: *Upper-Division* Restrictions: *Visual Arts Majors only. Junior, Senior students only.*

**ART 4421: Printmaking Studio-Advanced II (3) [Offerings](#)**

Prerequisites: ART 2421, 3421 or permission of instructor. Studies graphic art with projects in several of the printing media, including woodcut, serigraph, and collagraph. Extra fee. May be repeated for credit 1 time.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**ART 4422: Metals Studio - Advanced II (3) [Offerings](#)**

Prerequisites: ART 2422, 3422, or permission of instructor. Teaches the raising, soldering, and forging of metals into utensils and decorative forms such as

jewelry. Emphasizes casting. Extra fee. May be repeated for credit 2 times.

Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*

**ART 4502: Illustratn Studio: Portraiture (3) [Offerings](#)**

Prerequisites: ART (1102 or 1103) and 1205 and 2112. The anatomy of the human head is studied analytically through drawing from direct observation from a live model. Further analysis will include a multitude of ways to draw and paint the head and face to capture its multitude of expressions, moods and power to communicate. Students will use a variety of media in this class. Extra fee.

Attributes: *Upper-Division* Restrictions: *Art Majors only.*

**ART 4505: Illustration Studio: Digital (3) [Offerings](#)**

Prerequisites: ART 1102 or 1103 or 1104, 1202, 1205, and 2201, 2502. 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. Extra fee.

Attributes: *Upper-Division* Restrictions: *Art Majors only.*

**ART 4507: Illustration Studio Animation (3) [Offerings](#)**

Prerequisites: ART 2201, 3502, and 4505. 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. Extra fee.

Attributes: *Upper-Division* Restrictions: *Art, Visual Communication Majors only.*

**ART 4722: Sculpture Studio - New Media (3) [Offerings](#)**

Prerequisite: ART 3722 or permission of instructor. Studies of three-dimensional form and composition with emphasis on site-specific sculpture, installation art, new media, and art in the public place. Extra fee. May be repeated for credit 2 times.

Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**ART 4897: Senior Capstone: Art History (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 Restrictions: Senior students only.

**ART 4898: Senior Capstone: Studio Arts (3) Offerings**

Prerequisite: ART 3608. Students will study portions of significant texts that ask them to think about how their faith perspective intersects with their studio practice. Examples of the kind of text to be included: A Wounded Innocence: Sketches for a Theology of Art; Art and Scholasticism; Art in Action; The Religious Art of Andy Warhol; and The Arts of the Beautiful. Students will explore this further through the artwork they will produce for the senior show, writing an artist's statement and a reflective essay. Finally, the course deals with the preparation of a portfolio, setting up a studio, and working professionally.

Attributes: Upper-Division, Writing "W" Course Restrictions: Art, Visual Arts Majors only. Senior students only.

**ART 4899: Senior Capstone: Visual Communc (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. Senior students only.

**ART 4900: Animation Cell Paintings-IS (1-5) Offerings**

**ART 4900: Color Thry in Paintng Prctc-IS (1-5) [Offerings](#)**

**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: Visual Arts, Visual Communication Majors only. Freshman, Junior, Sophomore students are excluded.*

**ART 4930: Practicum (1-5) [Offerings](#)**

Practicum May be repeated for credit up to 5 credits.

**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](#)**

**ART 4950: Topcs:Church Architecture/Rome (1-5) [Offerings](#)**

**ART 4950: Topics: Urban Spaces of Rome (1-5) [Offerings](#)**

Special Topics in Art May be repeated for credit up to 15 credits.

*Attributes: Upper-Division Restrictions: Visual Arts, Visual Communication Majors*

*only. Freshman, Junior, Sophomore students are excluded.*

**ART 4966: Senior Studio Project (1-5) [Offerings](#)**

**ART 4966: Senior Studio Project- IS (1-5) [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 Majors only. Freshman, Junior, Sophomore students are excluded.*

**ART 4968: Special Project (1-6) [Offerings](#)**

Special Project May be repeated for credit up to 6 credits.

Attributes: *Upper-Division*

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## College of Arts and Sciences Undergraduate Minors

### SOCIOLOGY

Alexander Hall  
206-281-2276  
[spu.edu/depts/soc/](http://spu.edu/depts/soc/)

**FACULTY:** [Martin Abbott](#), [David Diekema](#), [Mikyung Kim](#), [Jennifer McKinney](#), [Kevin Neuhouser](#), [Karen Snedker](#)  
[Martin Abbott](#), [David Diekema](#), [Mikyung Kim](#), [Jennifer McKinney](#), [Kevin Neuhouser](#), and [Karen Snedker](#)

The Department of Sociology offers a major and a minor in sociology.

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

The Department of Sociology's goals are for students to develop a sociological imagination that allows them to critically apply sociological perspectives to social institutions and problems, to learn the skills of research design, data collection, and data analysis and to explore the interrelationship between Christian faith and sociology so that students can critically and faithfully apply their sociological knowledge in their work, communities, and spiritual life.

By training students in the sociological perspective, they are well prepared to work toward the SPU mission of "engaging the culture and changing the world" with wisdom and grace in accordance with the best sociological knowledge and practice.

SPU students majoring in sociology have obtained positions in international community development, NGOs, social service agencies, and with research groups. Graduates have also obtained graduate degrees in sociology, law, social work, social policy, and counseling.

#### **Admission to the Major or Minor**

To qualify for admission to the major, a student must have a 2.5 minimum SPU GPA and 15 credits of completed work in the discipline. A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

#### **Requirements for the Sociology Major**

A maximum of 10 credits of SOC 4940 can apply to the major.

**Note:** *Students in the sociology major are strongly encouraged to take the core courses in sequence — introduction, statistics, methods, theory, and then capstone.*

*With the help of their advisors, students should create a plan that includes the combination of elective courses that will best prepare them to achieve their career and life goals.*

#### **Requirements for the Sociology Minor**

SOC 4940 does not apply to the minor.

#### **Requirements for the Anthropology Minor**

Requires an archeology course from approved local community colleges.

#### **Application for Major and Minor** (Word Format)

[Application for Major and Minor](#) (PDF Format)

**Note:** *Students should consult a sociology advisor to create a course of study that best accommodates their educational program.*



**ANTHROPOLOGY MINOR: ARCHAEOLOGY**

30 Credits Minimum, Including 15 Upper Division (UD)

<b>Core Courses</b>	
<b>Course</b>	<b>Credits</b>
ANT 2250 <a href="#">Cultural Anthropology</a>	5
ANT 3000 <a href="#">Intro Biological Anthropology</a> (5) BIO 3000 <a href="#">Intro Biological Anthropology</a> (5)	5
LIN 2100 <a href="#">Foundations of Language Study</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Choose one of the following:</b>	
<b>Course</b>	<b>Credits</b>
CLA 3100 <a href="#">Ancient Civilization</a> (5) CLA 3170 <a href="#">Classical Civilization</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Independent/Directed Studies</b>	
<b>Course</b>	<b>Credits</b>
CLA 4920 <a href="#">Directed Readngs Classical Lit</a>	1-5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Core Course: Intro to Archaeology at Shoreline or NSCC</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

**ANTHROPOLOGY MINOR: BIOLOGICAL ANTHROPOLOGY**

30 Credits Minimum, Including 15 Upper Division (UD)

<b>Core Courses</b>	
<b>Course</b>	<b>Credits</b>
ANT 2250 <a href="#">Cultural Anthropology</a>	5
ANT 3000 <a href="#">Intro Biological Anthropology</a> (5) BIO 3000 <a href="#">Intro Biological Anthropology</a> (5)	5
LIN 2100 <a href="#">Foundations of Language Study</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Choose one of the following:</b>	
<b>Course</b>	<b>Credits</b>
BIO 4330 <a href="#">Evolutionary Mechanisms</a> (5) PES 3570 <a href="#">Biomechanics</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Independent/Directed Studies</b>	
<b>Course</b>	<b>Credits</b>
BIO 4900 <a href="#">Independent Study in Biology</a> (1-5) BIO 4978 <a href="#">Biological Research Proposal</a> (1) BIO 4979 <a href="#">Biological Research</a> (1-4)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Core Course: Intro to Archaeology at Shoreline or NSCC</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

**ANTHROPOLOGY MINOR: CULTURAL ANTHROPOLOGY**

30 Credits Minimum, Including 15 Upper Division (UD)

<b>Core Courses</b>	
<b>Course</b>	<b>Credits</b>
ANT 2250 <a href="#">Cultural Anthropology</a>	5
ANT 3000 <a href="#">Intro Biological Anthropology</a> (5) BIO 3000 <a href="#">Intro Biological Anthropology</a> (5)	5
LIN 2100 <a href="#">Foundations of Language Study</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Choose one of the following:</b>	
<b>Course</b>	<b>Credits</b>
SOC 3862 <a href="#">Race and Ethnicity</a> (5) SOC 4210 <a href="#">Gender in the Global Context</a> (5) SOC 4252 <a href="#">Sociology of Family</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Independent/Directed Studies</b>	
<b>Course</b>	<b>Credits</b>
ANT 4900 <a href="#">Independent Study</a> (1-5) ANT 4920 <a href="#">Readings in Selected Fields</a> (1-5) ANT 4970 <a href="#">Independent Research</a> (1-5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Core Course: Intro to Archaeology at Shoreline or NSCC</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

**ANTHROPOLOGY MINOR: LINGUISTICS**

30 Credits Minimum, Including 15 Upper Division (UD)

<b>Core Courses</b>	
<b>Course</b>	<b>Credits</b>
ANT 2250 <a href="#">Cultural Anthropology</a>	5
ANT 3000 <a href="#">Intro Biological Anthropology</a> (5) BIO 3000 <a href="#">Intro Biological Anthropology</a> (5)	5
LIN 2100 <a href="#">Foundations of Language Study</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Choose one of the following:</b>	
<b>Course</b>	<b>Credits</b>
LIN 4145 <a href="#">Phonology</a> (5) LIN 4150 <a href="#">Morphology</a> (5) LIN 4300 <a href="#">Historical Linguistics</a> (3)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Independent/Directed Studies</b>	
<b>Course</b>	<b>Credits</b>
LIN 4900 <a href="#">Independent Study</a> (1-5) LIN 4920 <a href="#">Directed Readings</a> (1-10)	5

<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Core Course: Intro to Archaeology at Shoreline or NSCC</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

**COURSE DESCRIPTIONS:**

[ANT 1110](#) | [ANT 2250](#) | [ANT 3000](#) | [ANT 4900](#) | [ANT 4920](#) | [ANT 4970](#) | [VIEW ALL](#)

**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.

Attributes: *Social Science A*

**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: *Social Science A*

**ANT 3000: Intro Biological Anthropology (5) [Offerings](#)**

Prerequisite: BIO 1100 or 2103. 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.

Cross-listed Courses: *BIO 3000* Attributes: *Upper-Division*

**ANT 4900: Al-Qaeda, Islam & the West-IS (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: Directed Readings- IR (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*

## COMMUNICATION and JOURNALISM

Marston Hall  
206-281-2036  
[spu.edu/depts/commjournal](http://spu.edu/depts/commjournal)

**FACULTY:** [Lorelle Jabs](#), [Rick Jackson](#), [Debbie Pope](#), [Bill Purcell](#), [Todd Rendleman](#), [Shannon Scott](#), [Debra Sequeira](#)

The Department of Communication and Journalism prepares graduates of competence and character who will understand communication as a social, intellectual, ethical, and artistic process. They will also engage in communication and journalism as a responsible human behavior.

### Admission to the Major

Applicants for a major in communication must display a cumulative GPA of 2.5 or higher (i.e., 4.0 = A) in all college work applicable to the degree or 3.0 in the 45 credits immediately preceding application for the major. A student must complete the major requirements in effect when the student is admitted to the major.

### Foreign Language Requirement

All students who complete the communication major must display proficiency in a foreign language. For ways of displaying proficiency, see [Competency Requirements](#) in the Baccalaureate Degree Requirements section of the *Undergraduate Catalog*.

For those majoring in communication, the foreign language proficiency requirement is not satisfied as part of the community-college direct transfer degree unless the transcript records completion of adequate foreign language coursework.

### JOURNALISM MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

Journalism Minor Core	
Course	Credits
JRN 2101 <a href="#">Media Writing</a>	5
JRN 2202 <a href="#">Reporting and Storytelling</a>	5
JRN 2203 <a href="#">Editing and Design</a>	5
JRN 3355 <a href="#">The Public &amp; the Media</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>20</b>
Journalism Minor Electives	
Course	Credits
JRN 3301 <a href="#">Media Law</a> (5)	5
JRN 4121 <a href="#">Convergence Journalism</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
Select one of the following Series (including 5 UD credits)	
Course	Credits
JRN 2801 <a href="#">Newspaper Production</a> (1-2)	1
JRN 2802 <a href="#">Newspaper Production</a> (1-2)	
JRN 2803 <a href="#">Newspaper Production</a> (1-2)	
JRN 3930 <a href="#">Publication Editor Practicum</a> (1-3)	1
JRN 3931 <a href="#">Publication Editor Practicum</a> (1-3)	
JRN 3932 <a href="#">Publication Editor Practicum</a> (1-3)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

## COURSE DESCRIPTIONS:

[JRN 2101](#) | [JRN 2202](#) | [JRN 2203](#) | [JRN 2801](#) | [JRN 2802](#) | [JRN 2803](#) | [JRN 3301](#) | [JRN 3355](#) | [JRN 3930](#) | [JRN 3931](#) | [JRN 3932](#) | [JRN 4121](#) | [JRN 4900](#) | [JRN 4920](#) | [JRN 4940](#) | [JRN 4941](#) | [JRN 4950](#) | [VIEW ALL](#)

### **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](#)**

Prerequisite: JRN 2101. 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. Offered Alternate Years.

### **JRN 2203: Editing and Design (5) [Offerings](#)**

Develops basic skills in editing and publication design of print media. Topics include copyediting; story and page design; headline writing; photo captions; photo sizing and cropping; proper use of graphics. Offered Alternate Years.

### **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. Offered Alternate Years.

Attributes: *Upper-Division*

**JRN 3355: The Public & 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. Offered Alternate Years.

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, Senior students only.

**JRN 4920: Directed Readings (1-5) [Offerings](#)**

Directed Readings

Attributes: Upper-Division

**JRN 4940: Coop Ed: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, Senior students only.

**JRN 4941: Coop Ed: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, Senior students only.

**JRN 4950: CCCU:Special Topics in Jrnlsm (1-6) [Offerings](#)**

CCCU:Special Topics in Jrnlsm May be repeated for credit up to 6 credits.

Attributes: Upper-Division

## WOMEN'S STUDIES

**Jennifer McKinney**, Director, Sociology Department

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.

Prompted by that affirmation, SPU offers an interdisciplinary women's studies minor and welcomes both male and female students to pursue it. The primary goals of the women's studies minor are:

- Establishing awareness within the Seattle Pacific community of issues related to women and the impact of these issues on women and men's lives,
- Exploring women's issues in light of the Christian faith within a variety of disciplines, and
- Developing an understanding of the social construction of gender in historical and contemporary, Western and global contexts.

The women's studies minor provides a course of study that stretches across disciplines.

- It encourages interdisciplinary thought and scholarship.
- It teaches skills of critical analysis, problem solving, and value reasoning.

Because of its adaptable course requirements and final project, the minor can be designed to complement majors in areas such as [sociology](#), [psychology](#), [theology](#), [history](#), [communication](#), [English](#), [foreign languages](#), [political science](#), [family and consumer sciences](#), and [business](#).

### Admission to the Women's Studies Minor

Applicants for a minor in women's studies must have:

- Sophomore standing
- A cumulative GPA of 2.5 or higher in all college work applicable to the B.A.
- A grade of at least a C- in WST/SOC 2350 Introduction to Women's Studies.

A student must complete the minor requirements in effect when the student is admitted to the minor. Application can be made in Alexander Hall, room 102.

[Women's Studies Minor Application](#) (Word format)

[Women's Studies Minor Application](#) (PDF format)

### Requirements for the Women's Studies Minor

The women's studies minor consists of at least 30 credits, of which 15 must be upper-division. Course requirements include WST 2350 Introduction to Women's Studies, 20–24 credits of electives, and a final independent project (WST 4960) or internship (WST 4940).

### Faculty Participants

- Michelle Beauclair, associate professor of French
- Christine Chaney, associate professor of English
- Kerry Dearborn, professor of theological studies
- Ruth Ediger, associate professor of political science
- Michael Hamilton, associate professor of history
- Sharleen Kato, professor of family and consumer sciences
- Jaeil Lee, associate professor of family and consumer sciences
- Kathleen Lustyk, associate professor of psychology
- Jennifer Maier, associate professor of English
- Jennifer McKinney, associate professor of sociology
- Kevin Neuhouser, professor of sociology

- Priscilla Pope-Levison, professor of theological studies
- Todd Rendleman, associate professor of communication
- Kimberly Segall, associate professor of English
- Rick Steele, professor of moral and historical theology
- Doug Thorpe, professor of English
- Tom Trzyna, professor of English
- Suzanne Wolfe, instructor in English

**Note:** Not all courses are offered every year. Check the [Time Schedule](#) for current offerings. Information concerning additional courses that will fulfill requirements for the minor is available from the women's studies' director.

### WOMEN'S STUDIES MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

#### Women's Studies Minor Core (6-10 credits)

Course	Credits
WST 2350 <a href="#">Introductn to Women's Studies</a>	5
WST 4940 <a href="#">Internship</a> (1-5)	1
WST 4960 <a href="#">Independent Project</a> (1-5)	
<b>SECTION CREDITS REQUIRED</b>	<b>6</b>

#### Select 20-24 credits, to total 30 (enough to reach 15 UD)

Course	Credits
ANT 2250 <a href="#">Cultural Anthropology</a> (5)	20
COM 1101 <a href="#">Intro to Interpersonal Commun</a> (5)	
ENG 2234 <a href="#">Literature by Women</a> (5)	
ENG 2248 <a href="#">New International Fiction</a> (5)	
ENG 3334 <a href="#">American Ethnic Literature</a> (5)	
ENG 3338 <a href="#">Contemporary Fiction</a> (5)	
ENG 3351 <a href="#">Victorian Literature</a> (5)	
ENG 3381 <a href="#">Middle Eastern Literature</a> (5)	
ENG 4334 <a href="#">Americn Ethnc Lit:Special Topc</a> (5)	
EUR 3950 <a href="#">European Special Topics</a> (1-5)	
FCS 2252 <a href="#">Marriage and the Family</a> (5)	
FCS 3240 <a href="#">Individual &amp; Family Developmnt</a> (5)	
FCS 3321 <a href="#">Nutrition through Life Cycle</a> (3)	
FCS 3870 <a href="#">History of Costume</a> (5)	
FCS 3875 <a href="#">Appearance and Culture</a> (3)	
FCS 4460 <a href="#">Work and Family</a> (5)	
FRE 3205 <a href="#">Topics: Francophone Literature</a> (5)	
HIS 3406 <a href="#">Christianity in America</a> (5)	
HSC 3000 <a href="#">Issues in Women's Health</a> (3)	
HSC 3035 <a href="#">Human Sexuality</a> (3)	
POL 3330 <a href="#">Global Perspect Women's Issues</a> (3,5)	
PSY 4485 <a href="#">Psychobiology of Women</a> (5)	
SOC 2000 <a href="#">Sociology of Gender</a> (5)	
SOC 2252 <a href="#">Marriage and the Family</a> (5)	
SOC 3270 <a href="#">Socialization</a> (5)	
SOC 4210 <a href="#">Gender in the Global Context</a> (5)	
SOC 4250 <a href="#">Sociology of Law</a> (5)	
SOC 4252 <a href="#">Sociology of Family</a> (5)	
SOC 4910 <a href="#">Seminar</a> (1-5)	
SPN 4105 <a href="#">Literature Survey:Golden Age</a> (3)	
THEO 3303 <a href="#">Christianity in America</a> (5)	
THEO 3401 <a href="#">Exploring Christian Doctrine</a> (5)	
THEO 3631 <a href="#">Women in Christianity</a> (5)	
THEO 4401 <a href="#">Representative Theologians</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>20</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

[WST 2350](#) | [WST 3000](#) | [WST 4940](#) | [WST 4960](#) | [VIEW ALL](#)

**WST 2350: Introductn 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.

**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.

[Cross-listed Courses:](#)*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.

[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, and culminating in an integrative paper that demonstrates interdisciplinary scholarship and independent thought.

[Attributes:](#)*Upper-Division*

## School of Business and Economics

David L. McKenna Hall  
206-281-2970  
[spu.edu/depts/sbe/](http://spu.edu/depts/sbe/)

**Jeffrey Van Duzer**, Dean of the School of Business and Economics

*The mission of the School of Business and Economics is to prepare students for service and leadership in business and society by developing their professional competence and integrity in the context of Christian faith and values; and to develop an academically and theologically rigorous understanding of business and economics and to effectively promote this understanding through teaching, pursuit of scholarship, and engagement with the broader business community.*

### **SBE Distinctives**

While the programs of the School of Business and Economics (SBE) are appropriately similar to those offered by other universities in the coverage of the basic business knowledge and skills, at Seattle Pacific University, they reflect two mission-driven distinctives:

- To develop and promote a theologically based understanding of business.
- To be a superior provider of applied learning.

### **SBE Majors and Minors**

The following majors and minors are offered by SBE:

#### **Majors**

[Accounting](#)  
[Business Administration](#)  
[Economics](#)

#### **Minors**

[Business Administration](#)  
[Economics](#)  
[Entrepreneurship](#)

Students majoring in business administration may choose to concentrate in one of the following areas:

- Economics
- Finance
- Information systems
- International business
- Management
- Marketing
- Social enterprise

Students majoring in economics may choose to concentrate in one of the following areas:

- Developmental economics
- Economic policy
- Financial economics
- International economics

Students who are interested in a business, accounting, or economics major are encouraged to indicate their interest upon application to SPU through the [Office of Undergraduate Admissions](#). This declaration of interest does not commit the student to a major within SBE, but it assures that an advisor from within the school will be assigned and information about various SBE activities will be communicated.

### **Admission to Majors in the School of Business and Economics**

Consistent with its mission, the School of Business and Economics admits students to its majors on the basis of academic achievement, personal character, leadership potential, and record of service.

### **Freshmen and Transfer "Direct Admissions"**

A few academically highly qualified students are admitted directly to SBE majors upon acceptance to the university. Incoming freshmen students must identify their intended SBE major on their university application, and they will automatically be considered for direct admission. Transfer students who have completed four lower-division core courses within their intended SBE major can also choose to be considered for direct admission when they apply to the university.

Direct admission is highly competitive, and students who are not directly admitted are encouraged to apply as sophomores, or in their first year as a transfer student.

### **Current SPU Student Admission**

For matriculated students, formal application and admission to a major is required prior to enrollment in most upper-division SBE courses. Admission is selective and based upon prior academic performance. To meet the minimum requirements for admission to a major, the student must:

- Have attained at least sophomore standing.
- Completed at least 15 credits (10 credits for junior or senior transfer students) in SBE courses (ACCT, BUS, ECN).
- Have a minimum of 2.7 cumulative GPA from all institutions and a minimum of 2.7 cumulative GPA in all SBE courses. Attainment of the minimum GPA standards does not guarantee admission to a major as the total number of admitted students is limited by capacity.

Application to a business major may be made online by the application deadline of January 20, and after all admission requirements are satisfied.

- Students who enter SPU as freshmen should apply for admission to the School of Business and Economics by January 20 of their sophomore year.
- Transfer students should follow the regular admission process and submit their major applications by January 20 after completing all admission requirements.

Students who have been admitted to another SPU major should contact the SBE office for permission to enroll in upper-division business courses.

Junior or senior transfer students with a college GPA of at least 2.8 should contact the SBE office for permission to enroll in major-restricted upper-division courses.

To be awarded a degree from the School of Business and Economics, students must meet the major and any concentration requirements in effect at the time of admittance to a major, and must have completed a minimum of 45 credit hours in the major at SPU.

### **New Majors Orientation**

Newly admitted students will be welcomed to the SBE community at an orientation evening held in early spring. The orientation will include information on the SBE mission and practical tips on succeeding in SBE majors. All newly admitted majors are required to attend this event.

### **Writing Competency Requirement**

All SBE majors (accounting, business administration, and economics) must meet the writing competency requirement outlined below:

- SBE majors who fulfill the University writing competency requirement based on pre-college indicators, or who have earned a C (2.0) or better in a college-level composition course are not required to take ENG 2201 Intermediate College Writing, and have satisfied the SBE writing competency requirement.
- SBE majors who are required to take ENG 2201 Intermediate College Writing, must earn a grade of B (3.0) or better in ENG 2201 in order to satisfy the SBE writing competency requirement.
- SBE majors with a grade of B- (2.7) or below in ENG 2201 must complete BUS 2601 Business Writing Tutorial and earn a grade of B (3.0) or better.

- Transfer students who have not previously taken a college composition course must take the English Placement exam, and they must meet the same requirements outlined above.

**Computer Competency Requirement**

Demonstration of computer competency is required of all students graduating with an SBE major. This is documented by passing CSC 1123, or by passing a competency exam covering the equivalent.

**Admission Requirements for Minors in Business Administration, Entrepreneurship, and Economics**

To be accepted to a minor in the School of Business and Economics, a student must have attained at least sophomore standing and have achieved a minimum 2.7 cumulative GPA from all institutions. The student must fill out an [application form](#), available year-round.

Need to know when a course is being offered? Check the [2011-12 Time Schedule](#).

## ACCOUNTING MAJOR

David L. McKenna Hall  
206-281-2970  
[www.spu.edu/depts/sbe/](http://www.spu.edu/depts/sbe/)

**Ross E. Stewart**, Contact Person  
206-281-2900

**FACULTY:** [Bruce Baker](#), [Denise Daniels](#), [Jon Deming](#), [Doug Downing](#), [Al Erisman](#), [Randy Franz](#), [Dan Hess](#), [Gary Karns](#), [Bill Kauppila](#), [Herb Kierulff](#), [Ryan LaBrie](#), [Grant Learned](#), [Don Lee](#), [Geri Mason](#), [Joanna Poznanska](#), [Jim Rand](#), [Kim Sawers](#), [Regina Schlee](#), [Rainer Seitz](#), [Gerhard Steinke](#), [Ross Stewart](#), [Don Summers](#), [Jeff Van Duzer](#), [Kenman Wong](#)  
**Accounting Faculty:** William Kauppila, Kim Sawers, Ross Stewart

For a complete overview of degree requirements in the School of Business and Economics, visit the [School of Business and Economics](#) in this *Undergraduate Catalog*.

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 the necessary current knowledge for the student to launch a career, and it also prepares the student to respond to the changing future environment and needs for accounting information.

Students who successfully complete the program will be eligible to take both the certified public accountant (CPA) and the certified management accountant (CMA) examinations.

### **Requirements for the Major**

*104 credits*

Students desiring to major in accounting must [apply](#) to the major following the application process described [here](#). To be awarded a degree with a major in accounting, students must meet the major requirements in effect at the time of admission to the major and have a minimum of 45 credit hours in the major at SPU.

Students who plan to obtain any of the professional designations such as certified public accountant (CPA), certified management accountant (CMA), or certified internal auditor (CIA) should contact an accounting faculty member for advising.

Students who plan to take the CPA exam must have completed 225 quarter hours (equivalent to five years) of college coursework. Students 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).

However, CPA-bound students are encouraged to apply for admission to a graduate program in the School of Business and Economics, either the [Master of Business Administration \(MBA\)](#) or the [Master of Science in Information Systems Management \(MS-ISM\)](#). Students interested in this program should do the following:

- Participate in a cooperative education program with an accounting firm for at least one year.
- Take the [GMAT exam](#) (for the MBA) or the [GRE exam](#) (for the MS-ISM) in Autumn Quarter of their senior year.
- Apply for admission to the graduate program in the Winter Quarter of their senior year.
- Commence taking three graduate courses per quarter in the summer following completion of their senior year, and four more quarters (five quarters in total).

**Note:** ACCT 3353 Advanced Accounting is strongly recommended for students intending to take the CPA exam.

### **Additional Requirements**

In addition to the curricular requirements for the major, students must also attend the New Majors Orientation, and fulfill both a writing and a computer competency requirement before graduation.

#### *New Majors Orientation*

Newly admitted students will be welcomed to the SBE community at an orientation evening held in early spring. The orientation will include information on the SBE mission and practical tips on succeeding in SBE majors. All newly admitted majors are required to attend this event.



### Writing Competency Requirement

All SBE majors (accounting, business administration, and economics) must meet the writing competency requirement outlined below:

- SBE majors who fulfill the University writing competency requirement based on pre-college indicators, or who have earned a C (2.0) or better in a college-level composition course are not required to take ENG 2201 Intermediate College Writing, and have satisfied the SBE writing competency requirement.
- SBE majors who are required to take ENG 2201 Intermediate College Writing, must earn a grade of B (3.0) or better in ENG 2201 in order to satisfy the SBE writing competency requirement.
- SBE majors with a grade of B- (2.7) or below in ENG 2201 must complete BUS 2601 Business Writing Tutorial and earn a grade of B (3.0) or better.
- Transfer students who have not previously taken a college composition course must take the English Placement exam, and they must meet the same requirements outlined above.

### Computer Competency Requirement

Demonstration of computer competency is required of all students graduating with an SBE major. This is documented by passing CSC 1123, or by passing a competency exam covering the equivalent.

## ACCOUNTING MAJOR

104 Credits Minimum, Including 60 Upper Division (UD)

### Suggested Course Sequence

General Core	
Course	Credits
ECN 2101 <a href="#">Principles of Microeconomics</a> (5)	10
ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	
ACCT 2361 <a href="#">Financial Accounting</a> (5)	10
ACCT 2362 <a href="#">Managerial Accounting</a> (5)	
ACCT 4899 <a href="#">Capstone:Acct Theory &amp;Problems</a> (5)	10
BUS 2414 <a href="#">Legal Environment of Business</a> (5)	
BUS 2600 <a href="#">Managerial Communication</a> (2)	7
BUS 3250 <a href="#">Business Finance</a> (5)	
MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5)	5
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	
ACCT 3324 <a href="#">Federal Income Taxation</a>	5
ACCT 3327 <a href="#">Cost Accounting</a>	5
ACCT 3328 <a href="#">Auditing</a>	3
ACCT 3351 <a href="#">Intermediate Accounting I</a> (5)	10
ACCT 3352 <a href="#">Intermediate Accounting II</a> (5)	
ACCT 3370 <a href="#">Accounting Information Systems</a> (3)	6
ACCT 4351 <a href="#">International Accounting</a> (3)	
BUS 3541 <a href="#">Marketing &amp; Society</a>	5
BUS 3614 <a href="#">Organizatnl Behavr for Managrs</a>	5
BUS 3620 <a href="#">Management Information Systems</a>	5
BUS 3700 <a href="#">Quant Meth for Decision Making</a>	3
BUS 4644 <a href="#">Operations Management</a>	5
BUS 4690 <a href="#">Strategic Management</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>104</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>104</b>

## BUSINESS ADMINISTRATION

David L. McKenna Hall  
206-281-2970  
[www.spu.edu/depts/sbe/](http://www.spu.edu/depts/sbe/)

**Denise Daniels**, Associate Dean, SBE Undergraduate Programs  
206-281-2243

**FACULTY:** [Bruce Baker](#), [Denise Daniels](#), [Jon Deming](#), [Doug Downing](#), [Al Erisman](#), [Randy Franz](#), [Dan Hess](#), [Gary Karns](#), [Bill Kauppila](#), [Herb Kierulff](#), [Ryan LaBrie](#), [Grant Learned](#), [Don Lee](#), [Geri Mason](#), [Joanna Poznanska](#), [Jim Rand](#), [Kim Sawers](#), [Regina Schlee](#), [Rainer Seitz](#), [Gerhard Steinke](#), [Ross Stewart](#), [Don Summers](#), [Jeff Van Duzer](#), [Kenman Wong](#)

For a complete overview of degree requirements in the School of Business and Economics, visit the [School of Business and Economics](#) page in this *Undergraduate Catalog*.

The business administration major provides a broad-based education in the fundamental theories, principles, and practices of modern business. The program develops a general management outlook toward organizations and the changing environment they face. It teaches standards of professional and ethical behavior along with the technical expertise and leadership attributes necessary to attain entry-level positions in business.

Students who major in business administration are expected to master a core of courses in business and economics. All students will take the following common core of classes described under [general core](#). They may also choose a concentration option.

### **Requirements for the Major**

*95 credits*

Students desiring to major in business administration must [apply](#) to the major following the application process described [here](#). To be awarded a degree with a major in business administration, students must meet the general core requirements and at least 18 credits of upper-division elective courses within the School of Business and Economics. Students can choose to pursue a concentration in a specific business discipline by completing 15 of their 18 elective credits within that particular discipline. A minimum of 15 of the 18 upper-division SBE elective credits must be in BUS or ECN courses; no more than 3 elective credits may be taken in ACCT courses.

Major requirements are based on those in effect at the time of admittance to the major. Also, a minimum of 45 credit hours in the major must be completed at SPU.

*Note: BUS 4690 and BUS 4899 are recommended to be taken during the last quarter of senior year.*

### **Concentration Options**

Students wishing to pursue a disciplinary concentration must take at least 15 of their 18 upper-division elective credits from courses in that discipline as follows:

[Economics Concentration](#)

[Finance Concentration](#)

[Information Systems Concentration](#)

[International Business Concentration](#)

*All courses in this concentration must be approved by the SBE Undergraduate Committee.*

[Management Concentration](#)

[Marketing Concentration](#)

[Social Enterprise Concentration](#)

### **Signature Experience Requirement**

SBE is committed to providing an educational experience that is grounded in Christian faith, ethics, and character. It is also committed to providing a business education that works well "on the ground" in our increasingly global environment.

To strengthen these commitments, students graduating with a major in business administration must satisfy the SBE 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 Latin American Studies program, or another SPU program (e.g., the [European Studies](#) quarter). This must be a program where students receive academic credit. In lieu of an international experience, a student may apply to the SBE 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.
- With the approval of the SBE Undergraduate Committee, participate in a business-related CCCU American Studies Program, Contemporary Music Program, Film Studies Program, or other comparable program.

**Note:** In most cases, the credits earned while completing the Signature Experience Requirement also meet another requirement of the business administration major.

### **Additional Requirements**

In addition to the curricular requirements for the major, students must also attend the New Majors Orientation, and fulfill both a writing and a computer competency requirement before graduation.

#### *New Majors Orientation*

Newly admitted students will be welcomed to the SBE community at an orientation evening held in early spring. The orientation will include information on the SBE mission and practical tips on succeeding in SBE majors. All newly admitted majors are required to attend this event.

#### *Writing Competency Requirement*

All SBE majors (accounting, business administration, and economics) must meet the writing competency requirement outlined below:

- SBE majors who fulfill the University writing competency requirement based on pre-college indicators, or who have earned a C (2.0) or better in a college-level composition course are not required to take ENG 2201 Intermediate College Writing, and have satisfied the SBE writing competency requirement.
- SBE majors who are required to take ENG 2201 Intermediate College Writing, must earn a grade of B (3.0) or better in ENG 2201 in order to satisfy the SBE writing competency requirement.
- SBE majors with a grade of B- (2.7) or below in ENG 2201 must complete BUS 2601 Business Writing Tutorial and earn a grade of B (3.0) or better.
- Transfer students who have not previously taken a college composition course must take the English Placement exam, and they must meet the same requirements outlined above.

#### *Computer Competency Requirement*

Demonstration of computer competency is required of all students graduating with an SBE major. This is documented by passing CSC 1123, or by passing a competency exam covering the equivalent.

### **Requirements for the Minor in Business Administration**

The School of Business and Economics offers a business minor for students who want to complement their major with general business coursework. Formal [application](#) to the minor is required. Acceptance is based upon a minimum cumulative grade point average of at least 2.7 in a minimum of 45 quarter credits of coursework. SPU requires students to earn at least 15 credits of the minor at SPU, 10 credits of which must be upper-division credits.

### **Requirements for the Minor in Entrepreneurship**

The School of Business and Economics offers a business minor for students who want to complement their major with an emphasis on entrepreneurship. Formal [application](#) to the minor is required. Acceptance is based upon a minimum cumulative grade point average of at least 2.7 in a minimum of 45 quarter credits of coursework. SPU requires students to earn at least 15 credits of the minor at SPU, 10 credits of which must be upper-division credits.

**BUSINESS ADMINISTRATION (NO CONCENTRATION)**

95 Credits Minimum, Including 60 Upper Division (UD)

Suggested Course Sequence

<b>General Core</b>	
<b>Course</b>	<b>Credits</b>
ECN 2101 <a href="#">Principles of Microeconomics</a> (5)	10
ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	
ACCT 2361 <a href="#">Financial Accounting</a> (5)	10
ACCT 2362 <a href="#">Managerial Accounting</a> (5)	
BUS 2414 <a href="#">Legal Environment of Business</a>	5
BUS 2600 <a href="#">Managerial Communication</a>	2
MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5)	5
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	
BUS 2910 <a href="#">Internship &amp; Career Strategies</a> (1)	1
GS 3001 <a href="#">College to Career Planning</a> (1)	
BUS 3250 <a href="#">Business Finance</a>	5
BUS 3541 <a href="#">Marketing &amp; Society</a>	5
BUS 3614 <a href="#">Organizational Behavior for Managers</a>	5
BUS 3620 <a href="#">Management Information Systems</a>	5
BUS 3700 <a href="#">Quant Meth for Decision Making</a>	3
BUS 3828 <a href="#">International Business</a>	5
BUS 4644 <a href="#">Operations Management</a>	5
BUS 4690 <a href="#">Strategic Management</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5
BUS 4942 <a href="#">Internship Reflect&amp;Prof Devlp</a>	1
<b>SECTION CREDITS REQUIRED</b>	<b>77</b>
<b>Upper Division SBE Electives</b>	<b>18</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>95</b>

**Additional Requirements:**

Attendance at the New Major Event  
 Computer Competency  
 SBE Writing Competency  
 Signature Experience Requirement

**BUSINESS ADMINISTRATION: ECONOMICS CONCENTRATION**

95 Credits Minimum, Including 60 Upper Division (UD)

Suggested Course Sequence

<b>General Core</b>	
<b>Course</b>	<b>Credits</b>
ECN 2101 <a href="#">Principles of Microeconomics</a> (5)	10
ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	
ACCT 2361 <a href="#">Financial Accounting</a> (5)	10
ACCT 2362 <a href="#">Managerial Accounting</a> (5)	
BUS 2414 <a href="#">Legal Environment of Business</a>	5

BUS 2600 <a href="#">Managerial Communication</a>	2
MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5) MAT 1360 <a href="#">Introduction to Statistics</a> (5)	5
BUS 2910 <a href="#">Internship &amp; Career Strategies</a> (1) GS 3001 <a href="#">College to Career Planning</a> (1)	1
BUS 3250 <a href="#">Business Finance</a>	5
BUS 3541 <a href="#">Marketing &amp; Society</a>	5
BUS 3614 <a href="#">Organizatnl Behavr for Managrs</a>	5
BUS 3620 <a href="#">Management Information Systems</a>	5
BUS 3700 <a href="#">Quant Meth for Decision Making</a>	3
BUS 3828 <a href="#">International Business</a>	5
BUS 4644 <a href="#">Operations Management</a>	5
BUS 4690 <a href="#">Strategic Management</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5
BUS 4942 <a href="#">Internship Reflectn&amp;Prof Devlp</a>	1
<b>SECTION CREDITS REQUIRED</b>	<b>77</b>
<b>Economics Concentration</b>	
<b>Course</b>	<b>Credits</b>
ECN 3101 <a href="#">Intermediate Macroeconomics</a> (5) ECN 3102 <a href="#">Managerial Economics</a> (5)	10
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Five Upper Division Economics Credits</b>	<b>5</b>
<b>Upper Division SBE Electives</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>95</b>

<b>Additional Requirements:</b>
Attendance at the New Major Event
Computer Competency
SBE Writing Competency
Signature Experience Requirement

### BUSINESS ADMINISTRATION: FINANCE CONCENTRATION

95 Credits Minimum, Including 60 Upper Division (UD)

#### Suggested Course Sequence

<b>General Core</b>	
<b>Course</b>	<b>Credits</b>
ECN 2101 <a href="#">Principles of Microeconomics</a> (5) ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	10
ACCT 2361 <a href="#">Financial Accounting</a> (5) ACCT 2362 <a href="#">Managerial Accounting</a> (5)	10
BUS 2414 <a href="#">Legal Environment of Business</a>	5
BUS 2600 <a href="#">Managerial Communication</a>	2
MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5)	5

MAT 1360 <a href="#">Introduction to Statistics</a> (5)	
BUS 2910 <a href="#">Internship &amp; Career Strategies</a> (1) GS 3001 <a href="#">College to Career Planning</a> (1)	1
BUS 3250 <a href="#">Business Finance</a>	5
BUS 3541 <a href="#">Marketing &amp; Society</a>	5
BUS 3614 <a href="#">Organizational Behavior for Managers</a>	5
BUS 3620 <a href="#">Management Information Systems</a>	5
BUS 3700 <a href="#">Quant Methods for Decision Making</a>	3
BUS 3828 <a href="#">International Business</a>	5
BUS 4644 <a href="#">Operations Management</a>	5
BUS 4690 <a href="#">Strategic Management</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5
BUS 4942 <a href="#">Internship Reflects &amp; Prof Devlp</a>	1
<b>SECTION CREDITS REQUIRED</b>	<b>77</b>
<b>Finance Concentration</b>	
<b>Course</b>	<b>Credits</b>
BUS 3251 <a href="#">Investments</a>	5
BUS 4274 <a href="#">Problems in Corporate Finance</a>	5
BUS 4275 <a href="#">The Practice of Finance</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Upper Division SBE Electives</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>95</b>

<b>Additional Requirements:</b>
Attendance at the New Major Event
Computer Competency
SBE Writing Competency
Signature Experience Requirement

### BUSINESS ADMINISTRATION: INFORMATION SYSTEMS CONCENTRATION

95 Credits Minimum, Including 57 Upper Division (UD)

#### Suggested Course Sequence

<b>General Core</b>	
<b>Course</b>	<b>Credits</b>
ECN 2101 <a href="#">Principles of Microeconomics</a> (5) ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	10
ACCT 2361 <a href="#">Financial Accounting</a> (5) ACCT 2362 <a href="#">Managerial Accounting</a> (5)	10
BUS 2414 <a href="#">Legal Environment of Business</a>	5
BUS 2600 <a href="#">Managerial Communication</a>	2
MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5) MAT 1360 <a href="#">Introduction to Statistics</a> (5)	5
BUS 2910 <a href="#">Internship &amp; Career Strategies</a> (1)	1

GS 3001 <a href="#">College to Career Planning</a> (1)	
BUS 3250 <a href="#">Business Finance</a>	5
BUS 3541 <a href="#">Marketing &amp; Society</a>	5
BUS 3614 <a href="#">Organizatnl Behavr for Managrs</a>	5
BUS 3620 <a href="#">Management Information Systems</a>	5
BUS 3700 <a href="#">Quant Meth for Decision Making</a>	3
BUS 3828 <a href="#">International Business</a>	5
BUS 4644 <a href="#">Operations Management</a>	5
BUS 4690 <a href="#">Strategic Management</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5
BUS 4942 <a href="#">Internship Reflectn&amp;Prof Devlp</a>	1
<b>SECTION CREDITS REQUIRED</b>	<b>77</b>
<b>Information Systems Concentration</b>	
<b>Course</b>	<b>Credits</b>
BUS 4622 <a href="#">Information &amp; Database Systems</a> (5)	
BUS 4625 <a href="#">Organization's Presence on Net</a> (5)	15
CSC 1230 <a href="#">Problem Solving &amp; Programming</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Upper Division SBE Electives</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>95</b>

<b>Additional Requirements:</b>
Attendance at the New Major Event
Computer Competency
SBE Writing Competency
Signature Experience Requirement

**BUSINESS ADMINISTRATION: INTERNATIONAL BUSINESS**

95 Credits Minimum, Including 60 Upper Division (UD)

[Suggested Course Sequence](#)

<b>General Core</b>	
<b>Course</b>	<b>Credits</b>
ECN 2101 <a href="#">Principles of Microeconomics</a> (5)	
ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	10
ACCT 2361 <a href="#">Financial Accounting</a> (5)	
ACCT 2362 <a href="#">Managerial Accounting</a> (5)	10
BUS 2414 <a href="#">Legal Environment of Business</a>	5
BUS 2600 <a href="#">Managerial Communication</a>	2
MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5)	
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	5
BUS 2910 <a href="#">Internship &amp; Career Strategies</a> (1)	
GS 3001 <a href="#">College to Career Planning</a> (1)	1
BUS 3250 <a href="#">Business Finance</a>	5
BUS 3541 <a href="#">Marketing &amp; Society</a>	5

BUS 3614 <a href="#">Organizatnl Behavr for Managrs</a>	5
BUS 3620 <a href="#">Management Information Systems</a>	5
BUS 3700 <a href="#">Quant Meth for Decision Making</a>	3
BUS 3828 <a href="#">International Business</a>	5
BUS 4644 <a href="#">Operations Management</a>	5
BUS 4690 <a href="#">Strategic Management</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5
BUS 4942 <a href="#">Internship Reflectn&amp;Prof Devlp</a>	1
<b>SECTION CREDITS REQUIRED</b>	<b>77</b>
<b>Business Seminar</b>	
<b>Course</b>	<b>Credits</b>
BUS 3830 <a href="#">International Business Seminar</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Upper Division SBE Electives</b>	<b>2</b>
<b>Meet with Study Abroad Coordinator for course selection</b>	<b>12</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>95</b>

<b>Additional Requirements:</b>
Attendance at the New Major Event
15+ addl credits intermediate (2000-level) foreign language
Participate in an approved study abroad program
Meet with SBE study abroad coordinator re: course selection
Computer Competency
SBE Writing Competency
Signature Experience Requirement

### BUSINESS ADMINISTRATION: MANAGEMENT CONCENTRATION

95 Credits Minimum, Including 60 Upper Division (UD)

#### Suggested Course Sequence

<b>General Core</b>	
<b>Course</b>	<b>Credits</b>
ECN 2101 <a href="#">Principles of Microeconomics</a> (5)	10
ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	
ACCT 2361 <a href="#">Financial Accounting</a> (5)	10
ACCT 2362 <a href="#">Managerial Accounting</a> (5)	
BUS 2414 <a href="#">Legal Environment of Business</a>	5
BUS 2600 <a href="#">Managerial Communication</a>	2
MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5)	5
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	
BUS 2910 <a href="#">Internship &amp; Career Strategies</a> (1)	1
GS 3001 <a href="#">College to Career Planning</a> (1)	
BUS 3250 <a href="#">Business Finance</a>	5
BUS 3541 <a href="#">Marketing &amp; Society</a>	5



BUS 3614 <a href="#">Organizatnl Behavr for Managrs</a>	5
BUS 3620 <a href="#">Management Information Systems</a>	5
BUS 3700 <a href="#">Quant Meth for Decision Making</a>	3
BUS 3828 <a href="#">International Business</a>	5
BUS 4644 <a href="#">Operations Management</a>	5
BUS 4690 <a href="#">Strategic Management</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5
BUS 4942 <a href="#">Internship Reflectn&amp;Prof Devlp</a>	1
<b>SECTION CREDITS REQUIRED</b>	<b>77</b>
<b>Management Concentration</b>	
<b>Course</b>	<b>Credits</b>
BUS 3657 <a href="#">Human Resource Management</a>	5
BUS 4660 <a href="#">Managing Systems</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Need five credits from:</b>	
<b>Course</b>	<b>Credits</b>
BUS 3670 <a href="#">Management Non-Profit Sector</a> (3)	5
BUS 3680 <a href="#">Social Enterprise</a> (3)	
BUS 3682 <a href="#">Social Venture Planning</a> (2)	
BUS 4631 <a href="#">Business Planning I</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Upper Division SBE Electives</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>95</b>

<b>Additional Requirements:</b>
Attendance at the New Major Event
Computer Competency
SBE Writing Competency
Signature Experience Requirement

**BUSINESS ADMINISTRATION: MARKETING CONCENTRATION**

95 Credits Minimum, Including 60 Upper Division (UD)

Suggested Course Sequence

<b>General Core</b>	
<b>Course</b>	<b>Credits</b>
ECN 2101 <a href="#">Principles of Microeconomics</a> (5)	10
ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	
ACCT 2361 <a href="#">Financial Accounting</a> (5)	10
ACCT 2362 <a href="#">Managerial Accounting</a> (5)	
BUS 2414 <a href="#">Legal Environment of Business</a>	5
BUS 2600 <a href="#">Managerial Communication</a>	2
MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5)	5
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	
BUS 2910 <a href="#">Internship &amp; Career Strategies</a> (1)	1

GS 3001 <a href="#">College to Career Planning</a> (1)	
BUS 3250 <a href="#">Business Finance</a>	5
BUS 3541 <a href="#">Marketing &amp; Society</a>	5
BUS 3614 <a href="#">Organizatnl Behavr for Managrs</a>	5
BUS 3620 <a href="#">Management Information Systems</a>	5
BUS 3700 <a href="#">Quant Meth for Decision Making</a>	3
BUS 3828 <a href="#">International Business</a>	5
BUS 4644 <a href="#">Operations Management</a>	5
BUS 4690 <a href="#">Strategic Management</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5
BUS 4942 <a href="#">Internship Reflectn&amp;Prof Devlp</a>	1
<b>SECTION CREDITS REQUIRED</b>	<b>77</b>
<b>Marketing Concentration</b>	
<b>Course</b>	<b>Credits</b>
BUS 3542 <a href="#">Marketing Research</a>	5
BUS 4543 <a href="#">Marketing Management</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Need five credits from:</b>	
<b>Course</b>	<b>Credits</b>
BUS 3544 <a href="#">Advertising</a> (5)	
BUS 3548 <a href="#">International Marketing</a> (5)	5
BUS 4622 <a href="#">Information &amp; Database Systems</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Upper Division SBE Electives</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>95</b>

<b>Additional Requirements:</b>
Attendance at the New Major Event
Computer Competency
SBE Writing Competency
Signature Experience Requirement

**BUSINESS ADMINISTRATION: SOCIAL ENTERPRISE**

95 Credits Minimum, Including 60 Upper Division (UD)

[Suggested Course Sequence](#)

<b>General Core</b>	
<b>Course</b>	<b>Credits</b>
ECN 2101 <a href="#">Principles of Microeconomics</a> (5)	
ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	10
ACCT 2361 <a href="#">Financial Accounting</a> (5)	
ACCT 2362 <a href="#">Managerial Accounting</a> (5)	10
BUS 2414 <a href="#">Legal Environment of Business</a>	5
BUS 2600 <a href="#">Managerial Communication</a>	2

MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5)	5
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	
BUS 2910 <a href="#">Internship &amp; Career Strategies</a> (1)	1
GS 3001 <a href="#">College to Career Planning</a> (1)	
BUS 3250 <a href="#">Business Finance</a>	5
BUS 3541 <a href="#">Marketing &amp; Society</a>	5
BUS 3614 <a href="#">Organizatnl Behavr for Managrs</a>	5
BUS 3620 <a href="#">Management Information Systems</a>	5
BUS 3700 <a href="#">Quant Meth for Decision Making</a>	3
BUS 3828 <a href="#">International Business</a>	5
BUS 4644 <a href="#">Operations Management</a>	5
BUS 4690 <a href="#">Strategic Management</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5
BUS 4942 <a href="#">Internship Reflectn&amp;Prof Devlp</a>	1
<b>SECTION CREDITS REQUIRED</b>	<b>77</b>
<b>Social Enterprise Concentration</b>	
<b>Course</b>	<b>Credits</b>
BUS 3680 <a href="#">Social Enterprise</a>	3
BUS 3682 <a href="#">Social Venture Planning</a>	2
BUS 3690 <a href="#">Microfinance</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Need at least five credits from:</b>	
<b>Course</b>	<b>Credits</b>
ECN 3810 <a href="#">Community Economic Development</a> (5)	5
POL 3320 <a href="#">Pol &amp; Econ Develpmt of Nations</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Upper Division SBE Electives (BUS 3670 recommended)</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>95</b>

<b>Additional Requirements:</b>
Attendance at the New Major Event
Computer Competency
SBE Writing Competency
Signature Experience Requirement

**COURSE DESCRIPTIONS:**

[BUS 1600](#) | [BUS 2414](#) | [BUS 2600](#) | [BUS 2601](#) | [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 4273](#) | [BUS 4274](#) | [BUS 4275](#) | [BUS 4543](#) | [BUS 4622](#) | [BUS 4625](#) | [BUS 4631](#) | [BUS 4632](#) | [BUS 4644](#) | [BUS 4660](#) | [BUS 4661](#) | [BUS 4690](#) | [BUS 4899](#) | [BUS 4900](#) | [BUS 4930](#) | [BUS 4940](#) | [BUS](#)

**BUS 1600: Intro to Business Practice (5) [Offerings](#)**

Students will be introduced to the purpose and practice of business, with an emphasis on evaluating the goods and services provided by business as well as the employment practices of business. Student will develop their understanding of the interrelationships between financial information systems, product development, marketing and management. This course is intended for business minors and others interested in exploring the role of business in society.

*[Attributes:](#) Social Science B*

**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 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 2601: Business Writing Tutorial (1) [Offerings](#)**

Students will work with a writing consultant to improve their writing skills. This course is required for accounting, business administration, and economics majors if they have not otherwise passed the School of Business and Economics Writing Competency Requirement, which can be met with a score of 5 or 6 on the English Placement Test, or a grade of B or better in ENG 2201 Intermediate College Writing. Extra fee. May be repeated for credit up to 5 credits.

**BUS 2910: Internship & 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.

Cross-listed Courses: GS 3001

**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**

Prerequisite: ACCT 2361 and 2362, and (CSC 1123 or a passing score on the spreadsheets competency exam). 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, Business Administration, Computing Sciences, Economics, Family & Consumer Sciences, Food & Nutritional Sciences, Textiles, Clothing & Interiors Majors only. Freshman students are excluded.

**BUS 3251: Investments (5) Offerings**

Prerequisite: BUS 3250. 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 Majors only. Freshman students are excluded.

**BUS 3541: Marketing & 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, Writing "W" Course Restrictions: Accounting, Business Administration, Clothing & Textiles, Interior Design Majors only. Freshman

students are excluded.

**BUS 3542: Marketing Research (5) [Offerings](#)**

Prerequisites: MAT 2700 or MAT 1360, and BUS 3541. Studies the marketing research process: preliminary steps and research design; questionnaires; secondary and primary data; sampling; processing and interpreting data; evaluation; and effective presentation of findings.

*Attributes: Upper-Division Restrictions: Accounting, Business Administration Majors only. Freshman students are excluded.*

**BUS 3544: Advertising (5) [Offerings](#)**

Prerequisite: BUS 3541. Describes the theory and practice of advertising and its role in the firm and in the socio-economic system. Discusses techniques and the management of advertising and applies them to the practice of marketing. Offered alternate years.

*Attributes: Upper-Division Restrictions: Accounting, Business Administration, Clothing & Textiles, Interior Design Majors only. Freshman students are excluded.*

**BUS 3548: International Marketing (5) [Offerings](#)**

Prerequisite: BUS 3541. 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. This course is offered online.

*Attributes: Upper-Division Restrictions: Accounting, Business Administration Majors only. Freshman, Sophomore students are excluded.*

**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.

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, Food & Nutritional Sciences, Information Systems, Interior Design Majors 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.

Cross-listed Courses: *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, Information Systems Majors 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 & Nutritional Sciences, Interior Design Majors only. Freshman students are excluded.*

**BUS 3670: Management Non-Profit Sector (3) [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. Offered alternate years.

*Attributes: Upper-Division Restrictions: Accounting, Business Administration, Global Development Studies 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.

*Attributes: Upper-Division Restrictions: Accounting, Business Administration, Global Development Studies Majors 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: Microfinance (5) [Offerings](#)**

Prerequisite: ECN 2101. Examines microfinance as a business oriented 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 development and human well-being.

*Attributes: Upper-Division Restrictions: Accounting, Business Administration, Economics, Global Development Studies Majors only.*

**BUS 3700: Quant Meth for Decision Making (3) [Offerings](#)**

Prerequisite: MAT 2700 or MAT 1360. Uses computers for solving quantitative management decision problems. Includes optimization with derivatives; marginal analysis; linear programming; and forecasting methods.

*Attributes: Upper-Division Restrictions: Accounting, Business Administration, Economics Majors only.*

**BUS 3828: International Business (5) [Offerings](#)**

Prerequisite: ECN 2101 or 2102. 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, Business Administration, Clothing & Textiles, Economics, Fashion Merchandising, Global Development Studies Majors only. Freshman students are excluded.*

**BUS 3830: Int'l Business Seminar-China (3) [Offerings](#)**

**BUS 3830: Intl Business Seminar-China (3) [Offerings](#)**

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 and Economics Study Abroad program. The course will cover current topics in international business; the specific topics will vary from year to year.

*Attributes: Upper-Division Restrictions: Undergraduate only. Freshman, Sophomore*

students are excluded.

**BUS 3950: 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 be repeated for credit up to 9 credits.

Attributes: Upper-Division

**BUS 4273: Special Topics in Finance (3) Offerings**

Prerequisite: BUS 3250. Presents lectures and case studies dealing with cash flow, cash budgets, financial forecasting, and establishing and maintaining relationships with financial sources. Also considers capital budgeting, leasing, and specialized funding vehicles.

Attributes: Upper-Division Restrictions: Accounting, Business Administration Majors only. Freshman, Sophomore students are excluded.

**BUS 4274: Problems in Corporate Finance (5) Offerings**

Prerequisite: BUS 3250. 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, Computing Sciences, Economics, Family & Consumer Sciences, Food & Nutritional Sciences, Textiles, Clothing & Interiors Majors only. Freshman students are excluded.

**BUS 4275: The Practice of Finance (5) Offerings**

Prerequisite: BUS 4274. Applies tools and concepts in all phases of finance to real situations through projects and case studies.

Attributes: Upper-Division Restrictions: Accounting, Business Administration Majors only. Freshman students are excluded.

**BUS 4543: Marketing Management (5) Offerings**

Prerequisite: BUS 3542. 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.*

**BUS 4622: Information & Database Systems (5) Offerings**

Prerequisite: BUS 3620. 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. Offered alternate years.

*Attributes: Upper-Division Restrictions: Accounting, Business Administration, Information Systems Majors only. Freshman students are excluded.*

**BUS 4625: Organization's Presence on Net (5) Offerings**

Prerequisite: BUS 3620. 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. Offered alternate years.

*Attributes: Upper-Division Restrictions: Accounting, Business Administration Majors only. Undergraduate only. Freshman, Sophomore students are excluded.*

**BUS 4631: Business Planning I (5) Offerings**

Prerequisites: BUS 3250, 3541, and 4644. The Business Planning courses show students how to prepare detailed plans for social ventures or for-profit businesses of their own choosing. There is significant one-on-one interaction with the professor in addition to lectures and case studies. Covers marketing planning, production, management, financial analysis and risk analysis.

*Attributes: Upper-Division Restrictions: Accounting, Business Administration Majors*

only. Freshman, Sophomore students are excluded.

**BUS 4632: Business Planning II (2) [Offerings](#)**

Prerequisite: BUS 4631. This class is intended for students who will enter one or more of the many business plan competitions around the United States.

Attributes: Upper-Division Restrictions: Accounting, Business Administration Majors only. Freshman, Sophomore 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 Majors only. Freshman, Sophomore students are excluded.

**BUS 4660: Managing Systems (5) [Offerings](#)**

Prerequisite: BUS 3614. 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.

**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](#)**

Prerequisites: BUS 3250, 3541, 3614, 3700, and 4644. 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. Freshman, Junior, Sophomore students are excluded.*

**BUS 4899: Business Ethics (5) [Offerings](#)**

Prerequisites: UFDN 3100; ECN 2101 or 2102. 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 Restrictions: Accounting, Business Administration, Computing Sciences, Economics Majors only. Senior students only.*

**BUS 4900: Covey Leadership- IS (1-5) [Offerings](#)**

**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 & 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, Sophomore students are excluded.*

**BUS 4940: Internship (1-5) [Offerings](#)**

Prerequisite: BUS 2910. 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. Only available on study abroad programs.

Cross-listed Courses: ACCT 4940, ECN 4940 Attributes: Upper-Division Restrictions: Business Administration Majors only. Freshman, Sophomore students are excluded.

**BUS 4942: Internship Reflectn&Prof Devlp (1-5) [Offerings](#)**

Prerequisite: BUS 2910 or GS 3001. Provides an opportunity for reflection on a 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. Requires permission of Instructor. Requires SBE Internship approval form signed by intern and supervisor or letter of recommendation from internship supervisor which includes dates of employment and responsibilities. Must be taken within one calendar year of beginning of Internship experience.

Attributes: Upper-Division

**BUS 4945: Advanced Internship (1-5) [Offerings](#)**

Prerequisite: BUS 4942. 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.

Cross-listed Courses: ACCT 4941, ECN 4941 Attributes: Upper-Division Restrictions: Business Administration Majors only. Freshman, Sophomore students are excluded.

## ECONOMICS

David L. McKenna Hall  
206-281-2970  
[www.spu.edu/depts/sbe/](http://www.spu.edu/depts/sbe/)

**Douglas A. Downing**, Contact Person  
206-281-2890

**FACULTY:** [Bruce Baker](#), [Denise Daniels](#), [Jon Deming](#), [Doug Downing](#), [Al Erisman](#), [Randy Franz](#), [Dan Hess](#), [Gary Karns](#), [Bill Kauppila](#), [Herb Kierulff](#), [Ryan LaBrie](#), [Grant Learned](#), [Don Lee](#), [Geri Mason](#), [Joanna Poznanska](#), [Jim Rand](#), [Kim Sawers](#), [Regina Schlee](#), [Rainer Seitz](#), [Gerhard Steinke](#), [Ross Stewart](#), [Don Summers](#), [Jeff Van Duzer](#), [Kenman Wong](#)  
**Economics Faculty:** John Deming, Doug Downing

For a complete overview of degree requirements, visit the main page of [School of Business and Economics](#) in this *Undergraduate Catalog*.

Economics is the study of the allocation of scarce resources among competing uses. Many vital issues that affect human welfare are studied in economics at SPU, with emphasis on a Christian perspective on society's decisions about how to organize the production and distribution of goods and services.

The economics major presents the study of economics as one of the social sciences. All students will complete classes within the [economics general core](#). The program is structured to provide the widest latitude for the student to select elective courses that will develop the student's economic interests, and students may choose a concentration option within the economics major.

### **Requirements for the Major in Economics**

*70 credits*

Students desiring to major in economics must [apply](#) to the major following the application process described [here](#). To be awarded a degree with a major in economics, students must meet the major requirements in effect at the time of admittance to the major was made and have a minimum of 35 credit hours in the major at SPU.

For students who will seek employment immediately after graduation, an internship (ECN 4940) is recommended.

### **Concentration Options**

Students wishing to pursue a disciplinary concentration must take at least 15 upper-division elective credits from courses in that discipline. Concentration options include:

- Development Economics
- Economic Policy
- Financial Economics
- International Economics

### **Graduate School Track**

Students who plan to attend graduate school in economics are encouraged to complete MAT 1236 - Calculus III (requires pre-requisites). Students completing this course may count it towards 5 credits of electives in the economics major, and they may waive the requirement for GEO 1110, POL 1110, or POL 1120.

### **Additional Requirements**

In addition to the curricular requirements for the major, students must also attend the New Majors Orientation, and fulfill both a writing and a computer competency requirement before graduation.

#### *New Majors Orientation*

Newly admitted students will be welcomed to the SBE community at an orientation evening held in early spring. The orientation will include information on the SBE mission and practical tips on succeeding in SBE majors. All newly admitted majors are required to attend this event.

### Writing Competency Requirement

All SBE majors (accounting, business administration, and economics) must meet the writing competency requirement outlined below:

- SBE majors who fulfill the University writing competency requirement based on pre-college indicators, or who have earned a C (2.0) or better in a college-level composition course are not required to take ENG 2201 Intermediate College Writing, and have satisfied the SBE writing competency requirement.
- SBE majors who are required to take ENG 2201 Intermediate College Writing, must earn a grade of B (3.0) or better in ENG 2201 in order to satisfy the SBE writing competency requirement.
- SBE majors with a grade of B- (2.7) or below in ENG 2201 must complete BUS 2601 Business Writing Tutorial and earn a grade of B (3.0) or better.
- Transfer students who have not previously taken a college composition course must take the English Placement exam, and they must meet the same requirements outlined above.

### Computer Competency Requirement

Demonstration of computer competency is required of all students graduating with an SBE major. This is documented by passing CSC 1123, or by passing a competency exam covering the equivalent.

### Requirements for the Minor in Economics

As a compliment to majors such as [political science](#), or for those [preparing for law school](#), the minor in economics can be a valuable addition to the degree. These requirements also satisfy the requirements for a teaching endorsement in economics.

The requirements for the minor in economics include a 20-credit core of ECN 2101, ECN 2102, BUS 4899, and either ECN 3101 or ECN 3102, followed by 10 elective credits in ECN or other approved coursework. Formal application to the minor is required.

Acceptance is based upon an [application](#) to the School of Business and Economics with a minimum cumulative GPA of at least 2.7 in a minimum of 45 quarter credits of coursework.

### ECONOMICS MAJOR (NO CONCENTRATION)

70 Credits Minimum, Including 38 Upper Division (UD)

#### Suggested Course Sequence

General Economics Core	
Course	Credits
GEO 1110 <a href="#">World Regional Geography</a> (5)	5
POL 1110 <a href="#">Introduction to Politics</a> (5)	
POL 1120 <a href="#">American Government &amp; Politics</a> (5)	
ECN 2101 <a href="#">Principles of Microeconomics</a> (5)	10
ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	
ACCT 2361 <a href="#">Financial Accounting</a>	5
BUS 2600 <a href="#">Managerial Communication</a>	2
MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5)	5
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	
ECN 3101 <a href="#">Intermediate Macroeconomics</a>	5
ECN 3102 <a href="#">Managerial Economics</a>	5
BUS 3700 <a href="#">Quant Meth for Decision Making</a>	3
ECN 4310 <a href="#">International Political Economy</a> (5)	10
ECN 4899 <a href="#">Capstone: Political Economy</a> (5)	
OR	
POL 3320 <a href="#">Pol &amp; Econ Developmt of Nations</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>55</b>



<b>Economics Electives (15 credits required)</b>	
<b>Course</b>	<b>Credits</b>
ECN 2207 <a href="#">Economic Geography</a> (5)	
ECN 3231 <a href="#">Urban Economics</a> (5)	
BUS 3250 <a href="#">Business Finance</a> (5)	
ECN 3318 <a href="#">Economics of the Public Sector</a> (5)	
ECN 3321 <a href="#">Money &amp; Banking</a> (5)	15
GEO 3500 <a href="#">Environmental Policy</a> (5)	
ECN 3635 <a href="#">Marxism:20thCent Theory &amp; Prac</a> (3)	
ECN 3640 <a href="#">Growth of Amer Economic System</a> (3)	
ECN 4641 <a href="#">History of Economic Thought I</a> (1-3)	
ECN 4642 <a href="#">History of Economic Thought II</a> (1-3)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>70</b>

<b>Additional Requirements:</b>
Attendance at the New Major Event
Computer Competency
SBE Writing Competency

### **ECONOMICS MAJOR: DEVELOPMENT ECONOMICS**

70 Credits Minimum, Including 38 Upper Division (UD)

[Suggested Course Sequence](#)

<b>General Economics Core</b>	
<b>Course</b>	<b>Credits</b>
GEO 1110 <a href="#">World Regional Geography</a> (5)	
POL 1110 <a href="#">Introduction to Politics</a> (5)	5
POL 1120 <a href="#">American Government &amp; Politics</a> (5)	
ECN 2101 <a href="#">Principles of Microeconomics</a> (5)	10
ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	
ACCT 2361 <a href="#">Financial Accounting</a>	5
BUS 2600 <a href="#">Managerial Communication</a>	2
MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5)	5
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	
ECN 3101 <a href="#">Intermediate Macroeconomics</a>	5
ECN 3102 <a href="#">Managerial Economics</a>	5
BUS 3700 <a href="#">Quant Meth for Decision Making</a>	3
ECN 4310 <a href="#">International Political Economy</a> (5)	10
ECN 4899 <a href="#">Capstone: Political Economy</a> (5)	
OR	
POL 3320 <a href="#">Pol &amp; Econ Developmt of Nations</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>55</b>
<b>Development Economics</b>	
<b>Course</b>	<b>Credits</b>
BUS 3690 <a href="#">Microfinance</a>	5
ECN 3810 <a href="#">Community Economic Development</a>	5

<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>70</b>

**ECONOMICS MAJOR: ECONOMIC POLICY**

70 Credits Minimum, Including 38 Upper Division (UD)

Suggested Course Sequence

<b>General Economics Core</b>	
<b>Course</b>	<b>Credits</b>
GEO 1110 <a href="#">World Regional Geography</a> (5)	5
POL 1110 <a href="#">Introduction to Politics</a> (5)	
POL 1120 <a href="#">American Government &amp; Politics</a> (5)	
ECN 2101 <a href="#">Principles of Microeconomics</a> (5)	10
ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	
ACCT 2361 <a href="#">Financial Accounting</a>	5
BUS 2600 <a href="#">Managerial Communication</a>	2
MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5)	5
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	
ECN 3101 <a href="#">Intermediate Macroeconomics</a>	5
ECN 3102 <a href="#">Managerial Economics</a>	5
BUS 3700 <a href="#">Quant Meth for Decision Making</a>	3
ECN 4310 <a href="#">International Political Economy</a> (5)	10
ECN 4899 <a href="#">Capstone: Political Economy</a> (5)	
OR	
POL 3320 <a href="#">Pol &amp; Econ Developmt of Nations</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>55</b>
<b>Economic Policy</b>	
<b>Course</b>	<b>Credits</b>
ECN 3231 <a href="#">Urban Economics</a>	5
ECN 3318 <a href="#">Economics of the Public Sector</a>	5
ECN 3321 <a href="#">Money &amp; Banking</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>70</b>

**ECONOMICS MAJOR: FINANCIAL ECONOMICS**

70 Credits Minimum, Including 38 Upper Division (UD)

Suggested Course Sequence

<b>General Economics Core</b>	
<b>Course</b>	<b>Credits</b>
GEO 1110 <a href="#">World Regional Geography</a> (5)	5
POL 1110 <a href="#">Introduction to Politics</a> (5)	
POL 1120 <a href="#">American Government &amp; Politics</a> (5)	
ECN 2101 <a href="#">Principles of Microeconomics</a> (5)	10
ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	

ACCT 2361 <a href="#">Financial Accounting</a>	5
BUS 2600 <a href="#">Managerial Communication</a>	2
MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5) MAT 1360 <a href="#">Introduction to Statistics</a> (5)	5
ECN 3101 <a href="#">Intermediate Macroeconomics</a>	5
ECN 3102 <a href="#">Managerial Economics</a>	5
BUS 3700 <a href="#">Quant Meth for Decision Making</a>	3
ECN 4310 <a href="#">International Political Economy</a> (5) ECN 4899 <a href="#">Capstone: Political Economy</a> (5)	10
OR	
POL 3320 <a href="#">Pol &amp; Econ Developmt of Nations</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>55</b>
<b>Financial Economics</b>	
<b>Course</b>	<b>Credits</b>
BUS 3250 <a href="#">Business Finance</a>	5
BUS 3251 <a href="#">Investments</a> (5) BUS 4274 <a href="#">Problems in Corporate Finance</a> (5)	5
ECN 3321 <a href="#">Money &amp; Banking</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>70</b>

### ECONOMICS MAJOR: INTERNATIONAL ECONOMICS

75 Credits Minimum, Including 38 Upper Division (UD)

#### [Suggested Course Sequence](#)

<b>General Economics Core</b>	
<b>Course</b>	<b>Credits</b>
GEO 1110 <a href="#">World Regional Geography</a> (5) POL 1110 <a href="#">Introduction to Politics</a> (5) POL 1120 <a href="#">American Government &amp; Politics</a> (5)	5
ECN 2101 <a href="#">Principles of Microeconomics</a> (5) ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	10
ACCT 2361 <a href="#">Financial Accounting</a>	5
BUS 2600 <a href="#">Managerial Communication</a>	2
MAT 2700 <a href="#">Statistics for Business &amp; Econ</a> (5) MAT 1360 <a href="#">Introduction to Statistics</a> (5)	5
ECN 3101 <a href="#">Intermediate Macroeconomics</a>	5
ECN 3102 <a href="#">Managerial Economics</a>	5
BUS 3700 <a href="#">Quant Meth for Decision Making</a>	3
ECN 4310 <a href="#">International Political Economy</a> (5) ECN 4899 <a href="#">Capstone: Political Economy</a> (5)	10
OR	
POL 3320 <a href="#">Pol &amp; Econ Developmt of Nations</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5

<b>SECTION CREDITS REQUIRED</b>	<b>55</b>
<b>International Economics</b>	
<b>Course</b>	<b>Credits</b>
BUS 3828 <a href="#">International Business</a>	5
ECN 4310 <a href="#">International Political Economy</a> (5) POL 3320 <a href="#">Pol &amp; Econ Developmt of Nations</a> (5)	10
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>75</b>

### BUSINESS ADMINISTRATION MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

<b>Business Minor Core</b>	
<b>Course</b>	<b>Credits</b>
ECN 2101 <a href="#">Principles of Microeconomics</a> (5) ECN 2102 <a href="#">Principles of Macroeconomics</a> (5)	5
ACCT 2361 <a href="#">Financial Accounting</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Business Minor Electives (Choose 2 of 4 courses)</b>	
<b>Course</b>	<b>Credits</b>
BUS 1600 <a href="#">Intro to Business Practice</a> (5) BUS 3250 <a href="#">Business Finance</a> (5) BUS 3541 <a href="#">Marketing &amp; Society</a> (5) BUS 3614 <a href="#">Organizatnl Behavr for Managrs</a> (5)	10
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Choose one additional course from ACCT, BUS, or ECN</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

### ECONOMICS MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

<b>Economics Minor Core</b>	
<b>Course</b>	<b>Credits</b>
ECN 2101 <a href="#">Principles of Microeconomics</a>	5
ECN 2102 <a href="#">Principles of Macroeconomics</a>	5
ECN 3101 <a href="#">Intermediate Macroeconomics</a> (5) ECN 3102 <a href="#">Managerial Economics</a> (5)	5
BUS 4899 <a href="#">Business Ethics</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>20</b>
<b>10 Elective Credits (incl 5 UD) in ECN or approv. coursework</b>	<b>10</b>
<b>TOTAL CREDITS REQUIRED</b>	

## ENTREPRENEURSHIP MINOR

32 Credits Minimum, Including 26 Upper Division (UD)

Entrepreneurship Courses	
Course	Credits
ACCT 2361 <a href="#">Financial Accounting</a>	5
BUS 3541 <a href="#">Marketing &amp; Society</a>	5
BUS 3614 <a href="#">Organizatnl Behavr for Managrs</a>	5
BUS 4631 <a href="#">Business Planning I</a>	5
BUS 4632 <a href="#">Business Planning II</a>	2
BUS 4644 <a href="#">Operations Management</a>	5
BUS 4899 <a href="#">Business Ethics</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>32</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>32</b>

### COURSE DESCRIPTIONS:

[ECN 2101](#) | [ECN 2102](#) | [ECN 2207](#) | [ECN 3101](#) | [ECN 3102](#) | [ECN 3231](#) | [ECN 3318](#) | [ECN 3321](#) | [ECN 3435](#) | [ECN 3640](#) | [ECN 3810](#) | [ECN 4310](#) | [ECN 4641](#) | [ECN 4642](#) | [ECN 4899](#) | [ECN 4900](#) | [ECN 4940](#) | [ECN 4945](#) | [VIEW ALL](#)

#### **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: *Social Science B*

#### **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: *Social Science B*

#### **ECN 2207: Economic Geography (5) [Offerings](#)**

A geographic approach to studying economic activities and issues of poverty and wealth at local, national and global levels. Includes understanding class theories in Geography of location analysis and economic base. Examines global trends in trade, creation of wealth, economic development, and economic justice issues. Helps students appreciate the role of Christian non-government organizations in building civil society and assisting community development.

Cross-listed Courses: GEO 2207 Attributes: Social Science B

**ECN 3101: Intermediate Macroeconomics (5) [Offerings](#)**

Prerequisites: ECN 2101, 2102. An analysis of aggregate income, employment and price level; classical and Keynesian perspectives, and recent contributions.

Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman students are excluded.

**ECN 3102: Managerial Economics (5) [Offerings](#)**

Prerequisites: ECN 2101, 2102; MAT 2700 or MAT 1360, and BUS 3700. 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, Computing Sciences, Economics, Family & Consumer Sciences, Food & Nutritional Sciences, Textiles, Clothing & Interiors Majors only. Freshman students are excluded.

**ECN 3231: Urban Economics (5) [Offerings](#)**

Prerequisite: ECN 1100 or 2101. 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. Offered alternate years.

Attributes: Upper-Division Restrictions: Freshman students are excluded.

**ECN 3318: Economics of the Public Sector (5) [Offerings](#)**

Prerequisite: ECN 1100 or 2101. Presents the rationale for governmental provision of goods and services, non-market decision making, public expenditure analysis, taxation, fiscal policy and the role of the government in economic systems. Offered alternate years.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**ECN 3321: Money & Banking (5) [Offerings](#)**

Prerequisites: ECN 2101 and 2102; ACCT 2361. 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.*

**ECN 3435: Marxism:20thCent Theory & Prac (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. Offered alternate years.

Cross-listed Courses: *POL 3435, HIS 3435* Attributes: *Upper-Division*

**ECN 3640: Growth of Amer Economic System (3) [Offerings](#)**

Prerequisites: ECN 1100, or ECN 2101 or 2102. Studies the development of the American economy, with particular attention to the rise of the modern business system and its impact on American society; gives corollary consideration of labor, agriculture, technology and the monetary system. Offered alternate years.

Cross-listed Courses: *HIS 3640* Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**ECN 3810: Community Economic Development (5) [Offerings](#)**

Prerequisite: ECN 2101 or 2102. This class provides an introduction to development economics; a subject that studies the economic transformation of developing countries and communities. Challenges to development addressed may include the absence of markets, market failure, health and credit constraints, human development, income distribution and inequality, population

and migration, and human rights, as well as challenges unique to urban versus rural economics. Macroeconomic theories of growth and economic development will be introduced and analyzed as sustainable conduits for economic development. Offered alternate years.

Cross-listed Courses: THEO 3810 Attributes: Upper-Division, Writing "W"  
Course Restrictions: Business Administration, Economics, Global Development Studies Majors only. 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. Offered alternate years.

Cross-listed Courses: POL 4310 Attributes: Upper-Division Restrictions: Freshman students are excluded.

**ECN 4641: History of Economic Thought I (1-3) Offerings**

Prerequisites: ECN 2101, 2102, or permission of instructor. A study of the development of economic ideas and philosophies from Moses to mercantilism. Focus is on ethics and economics in the biblical, classical, physiocratic and mercantilist schools of economic thought. Offered alternate years. May be repeated for credit up to 3 credits.

Attributes: Upper-Division, Writing "W" Course Restrictions: Freshman students are excluded.

**ECN 4642: History of Economic Thought II (1-3) Offerings**

Prerequisites: ECN 2101, 2102 and 4641. Continuation of ECN 4641.

Attributes: Upper-Division Restrictions: Freshman students are excluded.

**ECN 4899: Capstone: Political Economy (5) Offerings**

Prerequisites: ECN 2101, 2102. This capstone course studies the interrelationship between politics and economics and their effect on human welfare.



Attributes: Upper-Division, Writing "W" Course Restrictions: Accounting, Business Administration, Computing Sciences, Economics, Family & Consumer Sciences, Food & Nutritional Sciences, Textiles, Clothing & Interiors Majors only. Senior students only.

**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**

Prerequisite: BUS 2910. 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 for BUS 4940 credit. Students must complete an internship learning contract and have it signed by their internship supervisor and the faculty sponsor.

Cross-listed Courses: ACCT 4940, BUS 4940 Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.

**ECN 4945: Advanced Internship (1-5) Offerings**

Prerequisite: ECN 4940. 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.

Cross-listed Courses: BUS 4945 Attributes: Upper-Division Restrictions: Freshman, Sophomore students are excluded.

## School of Education

Peterson Hall  
206-281-2214  
[spu.edu/depts/soe/](http://spu.edu/depts/soe/)

**Rick Eigenbrood**, Dean of the School of Education

**Faculty:** Henry Algera, Scott Beers, John Bond, Richard Cleveland, Cher Edwards, Arthur Ellis, Gregory Fritzberg, Kristine Gritter, Sharon Hartnett, Debra Hudson, June Hyun, Frank Kline, Andrew Lumpe, Nyaradzo Mvududu, William Nagy, Matthew Okun, Jorge Preciado, William Prenevost, Richard Scheuerman, Christopher Sink, Richard Smith, Tracy Williams

### Teacher Certification

#### Elementary Certification Requirements

Integrated Studies Major: Elementary education teachers must select the **integrated studies major** with a *concentration* in one of the following areas:

- The Arts
- Health and Fitness
- Language Arts
- Mathematics
- Natural Sciences
- Social Sciences

#### Secondary Certification Requirements

K–12 Certification Requirements for Art, Drama, Music, and Health/Fitness/Special Education (P-12)

### Special Education Major

#### Special Education: Elementary Emphasis

#### Special Education: Secondary Emphasis

#### Special Education: General Emphasis

#### Special Education: Educational Ministry Emphasis

The mission of the SPU School of Education is to prepare educators for service and leadership in schools and communities by developing their professional competence and character within a framework of Christian faith and values.

The vision of the SPU School of Education (SOE) is to influence the region, the nation, and the world through the preparation of educational leaders for public and private schools.

The primary purpose of the undergraduate program in the School of Education is to prepare competent teachers who integrate academic training and Christian faith with professional practice.

Students interested in exploring teaching or other professional education careers may enroll in EDU 1200 Teaching: A Noble Profession.

School of Education programs are accredited by the National Council for Accreditation of Teacher Education (NCATE). Certification programs in the School of Education are also accredited by the Washington Professional Educator Standards Board and meet residency requirements for Washington state elementary, secondary, and K–12 teaching certificates.

The basic certification programs in the School of Education reflect an underlying philosophy and knowledge base that permeates all courses and field experiences. This knowledge base consists of two elements:

- The theoretical and philosophical foundations of education drawn from the social and behavioral sciences.
- The effective teaching and schooling research.

The following categories shape the competency base for the residency certification programs at SPU. These categories contain national, state, and Seattle Pacific competencies for teachers:

- **Category I:** Establish and maintain a positive student-focused learning environment. Demonstrate sensitivity to human diversity in teaching and relationships with students, parents, and the community.
- **Category II:** Design and adapt challenging curriculum that is responsive to students' cognitive, social, and moral development.
- **Category III:** Use effective teaching practices.
- **Category IV:** Use appropriate assessments to monitor and improve instruction.
- **Category V:** Integrate technology into instruction and assessment.
- **Category VI:** Use information on student performance to advise and involve students and families; inform, involve, and collaborate with families to support student success.
- **Category VII:** Evaluate effects of a student's teaching through feedback and reflection. Establish goals for professional improvement.
- **Category VIII:** Demonstrate skills, knowledge, and attitudes that contribute to professional, ethical behavior.

#### **Overview of Residency Teacher Certification Program**

The professional program leading to Residency Teacher Certification at SPU consists of three parts:

- The Foundations and Methods courses
- The Skills courses
- The Applications courses

The Foundations and Methods quarters consist of the theory and background of teaching with appropriate application.

The Skills courses support the methods and application courses and students have some flexibility regarding when these courses can be taken, although these skills courses are prerequisites for progression in the teacher certification program.

The Application courses focus on applying the theory and background learned in the Foundations, Methods, and Skills courses.

#### **Degree Requirements for Undergraduate Students**

Undergraduate students must complete all the requirements for a bachelor's degree in addition to the certification program.

#### **Teacher Certification**

**Elementary Certification.** Students pursuing elementary certification are required to select Integrated Studies as their major. All students will complete the core courses of the integrated studies major, as well as an area of concentration from one of the following core disciplines:

- The Arts
- Health and fitness
- Language arts
- Mathematics
- Natural sciences

- Social sciences

**Secondary Certification.** Students pursuing secondary certification need to work closely with the certification coordinator to make sure all endorsement requirements are being met. Please contact the certification advisor in the School of Education for more information.

**P–12 Certification.** P–12 endorsements include [visual arts](#), [theatre arts](#), [world languages](#), [music \(chorale, general, instrumental\)](#), [health/fitness](#), and [special education](#). Students obtaining a P–12 endorsement in art, music, or health/fitness will complete one quarter of internship at the elementary level and another quarter of internship at the secondary level.

### **Transfer Students**

All transfer students are required to take the entire certification program at SPU. Any exceptions must be approved through substitution and petition processes in the School of Education.

If substitutions and petitions are granted, a minimum of 26 credits, including the internship, must be completed as a regularly enrolled student at SPU.

Upon arrival at SPU and prior to registration, transfer students should meet with the Certification Advisor regarding course substitution requirements and procedures.

### **Post-Baccalaureate Students**

Students pursuing certification after receiving a bachelor's degree from an accredited institution recognized by the state of Washington do not earn a second degree.

However, they must still meet state certification and endorsement requirements that typically involves four quarters of coursework.

Post-baccalaureate students must pass the state WEST-B and WEST-E tests prior to being accepted into the Residency Teacher Certification program.

### **Advising**

To complete the Residency Teacher Certification program in a timely manner, students have access to competent academic advice. During Foundations Quarter each student will be asked to schedule a time to meet with the certification advisor to develop a plan of study to complete Teacher Certification Coursework.

The School of Education provides individual sessions with the certification advisor to answer questions and help with the certification process. As soon as a student identifies a desire to be a teacher, he or she should arrange an advising appointment by calling 206-281-2214.

### **Admission to the School of Education**

A student enrolling in the Foundations Quarter is considered a tentative candidate for admission to the School of Education. Before the Methods Quarter, the student is asked to prepare a formal application for full admission to the School of Education.

The student may continue the sequence of courses leading to certification upon full admission to the School of Education and fulfillment of the prerequisites to the appropriate quarters.

To achieve admission to the School of Education, a candidate must meet the following:

- Complete the Foundations Quarter, achieving a B average with no grade lower than a C. The prerequisite coursework must be no more than five years old.
- Receive a favorable recommendation from the Foundations team.
- Achieve a cumulative GPA of 3.0, or a 3.3 GPA in the last 45 credits of college or university work.
- Receive passing scores on all three sections of the Washington Educator Skills Test-Basic (WEST-B).
- Take the appropriate Washington Educator Skills Test-Endorsement (WEST-E).
- File a formal application for admission to the School of Education.

### **Registration**

Most classes in the certification program require School of Education permission to register. Before registering, students must go to the School of Education office to fill out any necessary paperwork and confirm appropriate prerequisites have been passed. No appointment is necessary for this process.

### **Certification**

Upon successful completion of the residency certification program, the Seattle Pacific University School of Education recommends candidates to the state of Washington for residency teacher certification. Though SPU makes recommendations to the state, the state issues the certificate, not the School of Education.

All teacher certification candidates are subject to Washington requirements for the residency teaching certificate. These requirements may be changed by the state and override anything stated in the *Undergraduate Catalog*. See the School of Education office for updates on state requirements.

A residency-teacher certificate will be accompanied by information outlining the steps for completing professional certification as the Residency Teaching Certificate is the initial certification and all teachers must eventually achieve professional certification.

### **Internship Placement and Supervision Policy**

- The School of Education arranges all student teaching placements. More specific information can be found in the Residency Certification Handbook on the School of Education [downloadable forms page](#).

### **Internship Professional Expectations**

- Interns are responsible for communicating their plans to the School of Education. They are also responsible for responding to queries from the placement and the certification offices. Failing to do so may jeopardize placement.
- Specific expectations of professional behavior in placement can be found in the Residency Certification Handbook on the School of Education [downloadable forms page](#).

### **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 a paramount concern.

Consequently, the School of Education reserves the right to refuse placement of any SPU student in any field experience. Any SPU student 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 student may be required to withdraw from the course, practicum experience, or the certification program should the School of Education receive information during the course of a practicum placement that raises a concern about the fitness of the person to work with children.
- Information received about the fitness of the student working with children may be shared with the school district to determine if a placement can and should be made or continued.
- Ultimately, the SPU School of Education cannot override school districts, and practicum placements are dependent on school district cooperation and subject to school-district approval.
- Denial of, or removal from, a practicum setting due to lack of fitness to work with children will result in a denial of admission to the teacher education program or in being dropped from a program if a student has already been admitted.
- In addition to satisfying the requirements of SPU, in order to receive certification, good moral character, and personal fitness must be established by each student with Washington state's Office of the Superintendent of Public Instruction, Office of Professional Practice.

Need to know when the course is being offered? Check the the [2011-12 Time Schedule](#).

## ELEMENTARY CERTIFICATION REQUIREMENTS

For a complete overview of the Residency Teacher Certification Program, visit the [School of Education](#) in this *Undergraduate Catalog*.

### Foundations Quarter

Prerequisites include:

- Official admission to SPU
- Sophomore standing (45 credits)
- A cumulative 2.8 GPA, or 3.0 GPA in last 30 credits
- Starting a file in the School of Education (contact the [education office](#) to obtain paperwork)
- Completion of an approved general [psychology](#) or general [sociology](#) class with a grade of C or better

### Methods Quarter (Note: Methods Quarter will be offered only Autumn and Spring quarters.)

Prerequisites include:

- Successful completion of the Foundations Quarter
- Junior standing (90 credits)
- Acceptance into Major
- Admission to the School of Education
- A cumulative 3.0 GPA, or 3.3 in the last 45 credits
- Successful completion all core courses in the integrated studies major
- Passing EDRD 2000 with a grade of "C" or better
- Fingerprint clearance
- Passing scores on WEST-B test
- Taking the appropriate WEST-E test(s)

### Skills Courses

EDRD 2000, Reading 1: Psychology of Reading (3 credits). EDRD 2000 must be taken before Methods Quarter.

EDU 3942, September Experience (1 credit). EDU 3942 must be taken by all students pursuing Elementary Certification. EDU 3942 must be taken after Foundations Quarter and before a student is scheduled to take Integrated Quarter.

### Integrated and Internship Quarters

Prerequisites include:

- Successful completion of the Methods Quarter
- Completing 15 upper-division credits in a major
- Receiving a passing score on the appropriate WEST-E test
- Participating in an internship placement interview
- Completion of EDU 3942
- Senior standing (135 credits)

Students need to plan to pass the appropriate WEST-E test(s) at least ONE quarter prior to registering for Integrated Quarter because scores must be received by SPU before students will be given permission to register for Integrated Quarter.

*Integrated and Internship quarters must be taken sequentially in the same academic year (Autumn-Winter or Winter-Spring), and a grade of "B" or better is required in Elementary Internship A and B.*

## SECONDARY CERTIFICATION REQUIREMENTS

For a complete overview of the Residency Teacher Certification Program, visit the [School of Education](#) in this *Catalog*.

### Foundations Quarter

Prerequisites include:

- Official admission to SPU
- Sophomore standing (45 credits)
- Cumulative 2.8 GPA, or 3.0 GPA in last 30 credits
- Start a file in the School of Education (contact the [education office](#) to obtain paperwork)
- Approved general [psychology](#) or general [sociology](#) class with a grade of "C" or better

### Methods Quarter

Prerequisites include:

- Successful completion of the Foundations Quarter
- Junior standing (90 credits)
- Acceptance into Major
- Admission to the School of Education
- Cumulative 3.0 GPA, or 3.3 in last 45 credits
- Completion of EDU 4530 with a grade of "C" or better
- Fingerprint clearance
- Passing scores on WEST-B test and have taken the appropriate WEST-E test(s)

### Subject Specific Methods and Skills Courses

These courses may be taken independently of each other and the professional quarters. See specific course descriptions as these courses are prerequisites for continuation in the certification sequence. A student must receive a grade of C or better in all methods and skills courses to be recommended for certification.

### Integrated and Internship Quarters

Prerequisites include:

- Successful completion of the Methods Quarter
- Completion of 15 upper-division credits in a major
- Receiving a passing score on the appropriate WEST-E test(s)
- Participating in an internship placement interview
- Have senior standing (135 credits)

Students need to plan to pass the appropriate WEST-E test(s) at least ONE quarter prior to registering for Integrated Quarter as passing scores must be received by SPU before students will be given permission to register for Integrated Quarter.

*Integrated and Internship Quarters must be taken sequentially in the same academic year (Autumn-Winter or Winter-Spring), and a grade of "B" or better is required for Secondary Internship A and B.*

## P –12 CERTIFICATION REQUIREMENTS FOR ART, DRAMA, MUSIC, AND HEALTH/FITNESS

For a complete overview of the Residency Teacher Certification Program, visit the [School of Education](#) in this *Undergraduate Catalog*.

P–12 certification students must check with their discipline's advisor for specific requirements.

### Foundations Quarter

Prerequisites include:

- Official admission to SPU
- Sophomore standing (45 credits)
- Cumulative 2.8 GPA, or 3.0 GPA in last 30 credits
- Starting a file in the School of Education ( contact the education office to obtain paperwork)
- Approved general [psychology](#) or general [sociology](#) course with a grade of C or better

#### **Methods Quarter**

Prerequisites include:

- Successful completion of the Foundations Quarter
- Junior standing (90 credits)
- Acceptance into Major
- Admission to the School of Education
- Cumulative GPA of 3.0, or 3.3 in last 45 credits
- Completion of EDU 4530 with a grade of "C" or better
- Fingerprint clearance
- Passing scores on WEST-B test
- Must have taken the WEST-E test

#### **Subject specific Skills Courses**

These courses may be taken independently of each other and the professional quarters. See specific course descriptions as these courses are prerequisites for continuation in the certification sequence.

A student must receive a grade of C or better in all methods and skills courses to be recommended for certification.

#### **Integrated and Internship Quarters**

Prerequisites include:

- Successful completion of the Methods Quarter
- Completion of 15 upper-division credits in a major
- Receiving a passing score on the appropriate WEST-E test
- Participating in an internship placement interview
- Having senior standing (135 credits)

Students need to plan to pass the appropriate WEST-E test(s) at least ONE quarter prior to registering for Integrated Quarter as passing scores must be received by SPU before students will be given permission to register for Integrated Quarter.

Integrated and Internship quarters must be taken sequentially in the same academic year (Autumn-Winter or Winter-Spring), and a grade of B or better is required for Secondary Internship A and B.



**ELEMENTARY CERTIFICATION**

56 Credits Minimum, Including 45 Upper Division (UD)

[Suggested Course Sequence](#)

<b>Foundations Quarter (must be taken concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDU 2104 <a href="#">Introduction to Education</a> (2)	8
EDU 2200 <a href="#">Foundations &amp; Educational Psych</a> (3)	
EDU 2300 <a href="#">Diversity &amp; the Classroom</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Methods and Skills Courses</b>	
<b>Course</b>	<b>Credits</b>
EDRD 2000 <a href="#">Reading I: Psychology of Reading</a>	3
EDU 3942 <a href="#">September Experience</a>	1
<b>SECTION CREDITS REQUIRED</b>	<b>4</b>
<b>Methods Quarter (must be taken Concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDU 3200 <a href="#">Elem Gen Meth I: Classrm Mangmt</a>	2
EDRD 3200 <a href="#">Reading II: Rdg &amp; Lang Arts Meth</a>	2
EDMA 3000 <a href="#">Math Methods I: Teachg K-8 Math</a>	2
EDU 3105 <a href="#">Laboratory Experience: Elemntry</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Integrated Quarter (must be taken concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDU 4200 <a href="#">Elem Gen Mth II: Strat Dvrs Lrn</a>	2
EDRD 4200 <a href="#">Rdg III: Intrvnt Struggling Rdrs</a>	2
EDMA 4000 <a href="#">Math Methods II: Tchng K-8 Math</a>	2
EDSC 4250 <a href="#">Science Methods</a>	3
EDU 4400 <a href="#">Social Studies Methods</a>	2
EDU 4941 <a href="#">Elementary School Internship A</a>	7
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Internship Quarter (must be taken Concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDU 4899 <a href="#">Teacher as Person-Capstone</a>	2
EDTC 4236 <a href="#">Intgrate Tech for Elem Teachrs</a>	1
EDU 4942 <a href="#">Elementary School Internship B</a>	15
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>56</b>

## P-12 HEALTH/FITNESS CERTIFICATION REQUIREMENTS

56 Credits Minimum, Including 48 Upper Division (UD)

### Suggested Course Sequence

#### Foundations Quarter (must be taken concurrently)

Course	Credits
EDU 2104 <a href="#">Introduction to Education</a> (2)	8
EDU 2200 <a href="#">Foundations &amp; Educational Psych</a> (3)	
EDU 2300 <a href="#">Diversity &amp; the Classroom</a> (3)	

**SECTION CREDITS REQUIRED 8**

#### Methods and Skills Courses

Course	Credits
EDU 3942 <a href="#">September Experience</a>	1
EDU 4530 <a href="#">Topics in Secondary Education</a>	1-5
PES 3510 <a href="#">Teaching Physical Education</a>	5

**SECTION CREDITS REQUIRED 8**

#### Methods Quarter (must be taken Concurrently)

Course	Credits
EDU 3250 <a href="#">Sec Gen Mth I: Plan &amp; Cls Mngmt</a>	2
EDU 3107 <a href="#">Laboratory Experience: K-12</a>	2

**SECTION CREDITS REQUIRED 4**

#### Integrated Quarter

Course	Credits
EDU 4948 <a href="#">Elementary Internship: PE</a>	18

**SECTION CREDITS REQUIRED 18**

#### Internship Quarter (must be taken concurrently)

Course	Credits
EDTC 4236 <a href="#">Intgrate Tech for Elem Teachrs</a> (1)	1
EDTC 4237 <a href="#">Integrtn of Tech Secndry Tchrs</a> (1)	
EDU 4899 <a href="#">Teacher as Person-Capstone</a>	2
EDU 4945 <a href="#">Secondary Internship A</a>	15

**SECTION CREDITS REQUIRED 18**

**TOTAL CREDITS REQUIRED 56**

## P-12 MUSIC CERTIFICATION REQUIREMENTS

66 Credits Minimum, Including 61 Upper Division (UD)

### Suggested Course Sequence

#### Foundations Quarter (must be taken concurrently)

Course	Credits
MUS 2550 <a href="#">Foundations of Music Education</a>	3
EDU 2104 <a href="#">Introduction to Education</a>	2

**SECTION CREDITS REQUIRED 5**

<b>Methods and Skills Courses</b>	
<b>Course</b>	<b>Credits</b>
MUS 3502 <a href="#">Music in Special Education</a>	3
MUS 3503 <a href="#">Gen Music Methods &amp; Materials</a>	3
MUS 3504 <a href="#">Choral Mus Methods &amp; Matrials</a>	2
MUS 3505 <a href="#">Instrmntl Mus Meths &amp; Matrials</a>	2
MUS 3608 <a href="#">Music Technology Applications</a>	5
MUS 4655 <a href="#">Context Studies in Music II</a>	3
EDU 3942 <a href="#">September Experience</a>	1
EDU 4530 <a href="#">Topics in Secondary Education</a>	1-5
<b>SECTION CREDITS REQUIRED</b>	<b>21</b>
<b>Methods Quarter (must be taken Concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDU 3250 <a href="#">Sec Gen Mth I:Plan &amp; Cls Mngmt</a>	2
EDU 3107 <a href="#">Laboratory Experience: K-12</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>4</b>
<b>Integrated Quarter</b>	
<b>Course</b>	<b>Credits</b>
EDU 4943 <a href="#">Elementary Internship:Music</a>	18
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Internship Quarter (must be taken concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDU 4899 <a href="#">Teacher as Person-Capstone</a>	2
EDU 4945 <a href="#">Secondary Internship A</a>	16
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>66</b>

#### P-12 THEATER CERTIFICATION REQUIREMENTS

54 Credits Minimum, Including 46 Upper Division (UD)

##### [Suggested Course Sequence](#)

<b>Foundations Quarter (must be taken concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDU 2104 <a href="#">Introduction to Education</a> (2)	
EDU 2200 <a href="#">Foundations &amp; Educational Psych</a> (3)	8
EDU 2300 <a href="#">Diversity &amp; the Classroom</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Methods and Skills Courses</b>	
<b>Course</b>	<b>Credits</b>
EDU 3942 <a href="#">September Experience</a>	1
EDU 4530 <a href="#">Topics in Secondary Education</a>	1-5
EDU 4030 <a href="#">Educational Methods in Theatre</a>	3

<b>SECTION CREDITS REQUIRED</b>	<b>6</b>
<b>Methods Quarter (must be taken Concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDU 3250 <a href="#">Sec Gen Mth I:Plan &amp; Cls Mngmt</a>	2
EDU 3107 <a href="#">Laboratory Experience: K-12</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>4</b>
<b>Integrated Quarter</b>	
<b>Course</b>	<b>Credits</b>
EDU 4945 <a href="#">Secondary Internship A</a>	18
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Internship Quarter (must be taken concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDTC 4236 <a href="#">Intgrate Tech for Elem Teachrs</a> (1)	1
EDTC 4237 <a href="#">Integrtn of Tech Secndry Tchrs</a> (1)	1
EDU 4899 <a href="#">Teacher as Person-Capstone</a>	2
EDU 4946 <a href="#">Secondary Internship B</a>	15
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>54</b>

## P-12 VISUAL ART CERTIFICATION REQUIREMENTS

54 Credits Minimum, Including 46 Upper Division (UD)

[Suggested Course Sequence](#)

<b>Foundations Quarter (must be taken concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDU 2104 <a href="#">Introduction to Education</a> (2)	2
EDU 2200 <a href="#">Foundations &amp; Educational Psych</a> (3)	3
EDU 2300 <a href="#">Diversity &amp; the Classroom</a> (3)	3
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Methods and Skills Courses</b>	
<b>Course</b>	<b>Credits</b>
EDU 3942 <a href="#">September Experience</a>	1
EDU 4530 <a href="#">Topics in Secondary Education</a>	1-5
ART 3546 <a href="#">Art Education</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>6</b>
<b>Methods Quarter (must be taken Concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDU 3250 <a href="#">Sec Gen Mth I:Plan &amp; Cls Mngmt</a>	2
EDU 3107 <a href="#">Laboratory Experience: K-12</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>4</b>
<b>Integrated Quarter (must be taken concurrently)</b>	

Course	Credits
EDU 4200 <a href="#">Elem Gen Mth II:Strat Dvrs Lrn</a>	2
EDU 4944 <a href="#">Elementary Internship:Art</a>	16
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Internship Quarter (must be taken concurrently)</b>	
Course	Credits
EDTC 4236 <a href="#">Intgrate Tech for Elem Teachrs</a> (1)	1
EDTC 4237 <a href="#">Integrtn of Tech Secndry Tchrs</a> (1)	
EDU 4899 <a href="#">Teacher as Person-Capstone</a>	2
EDU 4945 <a href="#">Secondary Internship A</a>	15
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>54</b>

## SECONDARY CERTIFICATION

57 Credits Minimum, Including 48 Upper Division (UD)

[Suggested Course Sequence](#)

<b>Foundations Quarter (must be taken concurrently)</b>	
Course	Credits
EDU 2104 <a href="#">Introduction to Education</a> (2)	8
EDU 2200 <a href="#">Foundations &amp; Educational Psych</a> (3)	
EDU 2300 <a href="#">Diversity &amp; the Classroom</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Methods and Skills Courses</b>	
Course	Credits
EDU 4530 <a href="#">Topics in Secondary Education</a>	1-5
EDU 3942 <a href="#">September Experience</a>	1
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Methods Quarter (must be taken Concurrently)</b>	
Course	Credits
EDU 3250 <a href="#">Sec Gen Mth I:Plan &amp; Cls Mngmt</a>	2
EDRD 3530 <a href="#">Rdng &amp; Wrtnng Across Curriculum</a>	2
EDU 3106 <a href="#">Laboratory Experience:Secndry</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>6</b>
<b>Integrated Quarter (must be taken Concurrently)</b>	
Course	Credits
EDU 4250 <a href="#">Sec Gen Mth II: Strat Dvrs Lrn</a>	3
EDU 4945 <a href="#">Secondary Internship A</a>	15
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Internship Quarter (must be taken Concurrently)</b>	
Course	Credits

EDTC 4237 <a href="#">Integrtn of Tech Secndry Tchrs</a>	1
EDU 4899 <a href="#">Teacher as Person-Capstone</a>	2
EDU 4946 <a href="#">Secondary Internship B</a>	15
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Choose Group of Course(s) Appropriate to Endorsement Area:</b>	
<b>Course</b>	<b>Credits</b>
EDU 3361 <a href="#">Secondary English Methods</a> (3) EDU 3561 <a href="#">Field Exper:Secondary English</a> (1)	4
FCS 4511 <a href="#">Curr &amp; Eval in FCS Education</a>	5
LIN 2100 <a href="#">Foundations of Language Study</a> (5) LIN 4365 <a href="#">Methods Foreign Lng Tchg</a> (5)	10
EDU 3564 <a href="#">Field Exper:Sec Social Studies</a> (1) EDU 4364 <a href="#">Teachng Secndry Social Studie</a> (3)	4
EDMA 3357 <a href="#">Teaching Secondary Mathematics</a> (3) EDU 3557 <a href="#">Field Exper: Secondary Math</a> (1)	4
EDSC 3359 <a href="#">Teaching Secondary Science</a> (3) EDU 3559 <a href="#">Field Exper: Secondary Science</a> (1)	4
<b>SECTION CREDITS REQUIRED</b>	<b>4</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>57</b>

### INTEGRATED STUDIES: HEALTH & FITNESS CONCENTRATION (B.A.)

97 Credits Minimum, Including 23 Upper Division (UD)

#### [Suggested Course Sequence](#)

<b>Language Arts Core</b>	
<b>Course</b>	<b>Credits</b>
LIN 2100 <a href="#">Foundations of Language Study</a> (5) COM 1101 <a href="#">Intro to Interpersonal Commun</a> (5) COM 1321 <a href="#">Public Speaking</a> (5)	5
ENG 3301 <a href="#">Advanced Expository Writing</a>	3
EDRD 3516 <a href="#">Children's Literature</a> (3) EDRD 3517 <a href="#">Young Adult Literature</a> (3)	3
<b>SECTION CREDITS REQUIRED</b>	<b>11</b>
<b>Mathematics Core</b>	
<b>Course</b>	<b>Credits</b>
MAT 1560 <a href="#">Numerical Reasoning</a>	4
MAT 2561 <a href="#">Statistical &amp; Algebraic Reasng</a>	4
MAT 3562 <a href="#">Geometric Reasoning</a>	4
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>The Arts Core</b>	
<b>Course</b>	<b>Credits</b>
ART 3546 <a href="#">Art Education</a>	3
MUS 3501 <a href="#">Elementary Music Education</a>	3

TRE 3800 <a href="#">Theatre Education</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>
<b>Health &amp; Fitness Core</b>	
<b>Course</b>	<b>Credits</b>
PES 3510 <a href="#">Teaching Physical Education</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Natural Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
BIO 2569 <a href="#">Introduction to Biology I</a>	3
BIO 2570 <a href="#">Introduction to Biology II</a>	3
PHY 2567 <a href="#">Devlp Concppts Physcl Science I</a>	3
PHY 2568 <a href="#">Devlp Concpct Physcl Science II</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>Social Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
GEO 1110 <a href="#">World Regional Geography</a> (5)	5
POL 1120 <a href="#">American Government &amp; Politics</a> (5)	5
PSY 1180 <a href="#">Gen Psych:Individual in Growth</a>	5
HIS 2502 <a href="#">The United States to 1876</a> (5)	5
HIS 2503 <a href="#">The United States Since 1876</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Health &amp; Fitness Concentration Requirements</b>	
<b>Course</b>	<b>Credits</b>
PES 1301 <a href="#">Wellness and Physical Activity</a>	3
PES 2195 <a href="#">Philosophy&amp;Resrch in Hlth/Phys</a>	5
FCS 2385 <a href="#">Food &amp; the Consumer</a>	3
PSY 2422 <a href="#">Psychology of Personal Growth</a>	5
PES 3555 <a href="#">Methods of Teaching Health</a>	5
PES 3575 <a href="#">Motor Learning &amp; Development</a>	4
<b>SECTION CREDITS REQUIRED</b>	<b>23</b>
<b>EDU or Health &amp; Fitness Capstone Requirement</b>	
<b>Course</b>	<b>Credits</b>
EDU 4899 <a href="#">Teacher as Person-Capstone</a> (2)	2
PES 4899 <a href="#">Contempry Iss Health&amp;Phys Actv</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>2</b>
<b>Health &amp; Fitness Restricted Electives</b>	
<b>Course</b>	<b>Credits</b>
HSC 3035 <a href="#">Human Sexuality</a> (3)	
FCS 3321 <a href="#">Nutrition through Life Cycle</a> (3)	
FCS 4350 <a href="#">Community Nutrition &amp;Education</a> (5)	8
FCS 4460 <a href="#">Work and Family</a> (5)	
PES 3545 <a href="#">Programs for Special Populatns</a> (3)	

PES 4555 <a href="#">Community Health Promotion</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>97</b>

**INTEGRATED STUDIES: LANGUAGE ARTS CONCENTRATION (B.A.)**

95 Credits Minimum, Including 23 Upper Division (UD)

[Suggested Course Sequence](#)

**Language Arts Core**

Course	Credits
LIN 2100 <a href="#">Foundations of Language Study</a>	5
ENG 3301 <a href="#">Advanced Expository Writing</a>	3
EDRD 3516 <a href="#">Children's Literature</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>11</b>

**Mathematics Core**

Course	Credits
MAT 1560 <a href="#">Numerical Reasoning</a>	4
MAT 2561 <a href="#">Statistical &amp; Algebraic Reasnq</a>	4
MAT 3562 <a href="#">Geometric Reasoning</a>	4
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>

**The Arts Core**

Course	Credits
ART 3546 <a href="#">Art Education</a>	3
MUS 3501 <a href="#">Elementary Music Education</a>	3
TRE 3800 <a href="#">Theatre Education</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>

**Health & Fitness Core**

Course	Credits
PES 3510 <a href="#">Teaching Physical Education</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>

**Natural Sciences Core**

Course	Credits
BIO 2569 <a href="#">Introduction to Biology I</a>	3
BIO 2570 <a href="#">Introduction to Biology II</a>	3
PHY 2567 <a href="#">Devlp Concppts Physcl Science I</a>	3
PHY 2568 <a href="#">Devlp Concppt Physcl Science II</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>

**Social Sciences Core**

Course	Credits
GEO 1110 <a href="#">World Regional Geography</a> (5)	5



POL 1120 <a href="#">American Government &amp; Politics</a> (5)	
PSY 1180 <a href="#">Gen Psych:Individual in Growth</a> (5)	5
SOC 1110 <a href="#">Introduction to Sociology</a> (5)	
HIS 2502 <a href="#">The United States to 1876</a> (5)	5
HIS 2503 <a href="#">The United States Since 1876</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Language Arts Concentration Requirements</b>	
<b>Course</b>	<b>Credits</b>
ENG 2248 <a href="#">New International Fiction</a>	5
ENG 2253 <a href="#">Amer Lit:Beginnings to 1900</a>	5
ENG 3180 <a href="#">Advanced Grammar</a>	3
ENG 3334 <a href="#">American Ethnic Literature</a>	5
ENG 3205 <a href="#">Writing in the Professions</a> (3)	3
ENG 3318 <a href="#">Creative Nonfiction</a> (3)	
EDRD 3517 <a href="#">Young Adult Literature</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>24</b>
<b>EDU or Language Arts Capstone Requirement</b>	
<b>Course</b>	<b>Credits</b>
EDU 4899 <a href="#">Teacher as Person-Capstone</a> (2)	2
ENG 4899 <a href="#">Senior Capstone in English</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>2</b>
<b>English Elective</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>95</b>

<b>Additional Requirements:</b>
Students must demonstrate proficiency in a second language. Foreign Language is required for this major. See faculty advisor for details.

### INTEGRATED STUDIES: MATHEMATICS CONCENTRATION (B.A.)

94 Credits Minimum, Including 23 Upper Division (UD)

[Suggested Course Sequence](#)

<b>Language Arts Core</b>	
<b>Course</b>	<b>Credits</b>
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	
COM 1101 <a href="#">Intro to Interpersonal Commun</a> (5)	5
COM 1321 <a href="#">Public Speaking</a> (5)	
ENG 3301 <a href="#">Advanced Expository Writing</a>	3
EDRD 3516 <a href="#">Children's Literature</a> (3)	3
EDRD 3517 <a href="#">Young Adult Literature</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>11</b>
<b>Mathematics Core</b>	

Course	Credits
MAT 1560 <a href="#">Numerical Reasoning</a>	4
MAT 2561 <a href="#">Statistical &amp; Algebraic Reasng</a>	4
MAT 3562 <a href="#">Geometric Reasoning</a>	4
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>The Arts Core</b>	
Course	Credits
ART 3546 <a href="#">Art Education</a>	3
MUS 3501 <a href="#">Elementary Music Education</a>	3
TRE 3800 <a href="#">Theatre Education</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>
<b>Health &amp; Fitness Core</b>	
Course	Credits
PES 3510 <a href="#">Teaching Physical Education</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Natural Sciences Core</b>	
Course	Credits
BIO 2569 <a href="#">Introduction to Biology I</a>	3
BIO 2570 <a href="#">Introduction to Biology II</a>	3
PHY 2567 <a href="#">Devlp Concppts Physcl Science I</a>	3
PHY 2568 <a href="#">Devlp Concpct Physcl Science II</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>Social Sciences Core</b>	
Course	Credits
GEO 1110 <a href="#">World Regional Geography</a> (5)	5
POL 1120 <a href="#">American Government &amp; Politics</a> (5)	
PSY 1180 <a href="#">Gen Psych:Individual in Growth</a> (5)	5
SOC 1110 <a href="#">Introduction to Sociology</a> (5)	
HIS 2502 <a href="#">The United States to 1876</a> (5)	5
HIS 2503 <a href="#">The United States Since 1876</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Mathematics Concentration Requirements</b>	
Course	Credits
MAT 1234 <a href="#">Calculus I</a>	5
MAT 1235 <a href="#">Calculus II</a>	5
MAT 1236 <a href="#">Calculus III</a>	5
MAT 3360 <a href="#">Probability &amp; Statistics</a>	5
MAT 4610 <a href="#">The Evolution of Math Thought</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>23</b>
<b>EDU or Mathematics Capstone Requirement</b>	

Course	Credits
EDU 4899 <a href="#">Teacher as Person-Capstone</a> (2)	2
MAT 4899 <a href="#">Senior Capstone Seminar</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>2</b>
<b>Electives (the following or other approved UD MAT course)</b>	
Course	Credits
EDMA 3357 <a href="#">Teaching Secondary Mathematics</a> (3)	5
MAT 3401 <a href="#">Number Theory</a> (3)	
MAT 4930 <a href="#">Practicum in Mathematics</a> (2)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>94</b>

### INTEGRATED STUDIES: NATURAL SCIENCES CONCENTRATION (B.A.)

94 Credits Minimum, Including 23 Upper Division (UD)

#### [Suggested Course Sequence](#)

<b>Language Arts Core</b>	
Course	Credits
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	5
COM 1101 <a href="#">Intro to Interpersonal Commun</a> (5)	
COM 1321 <a href="#">Public Speaking</a> (5)	
ENG 3301 <a href="#">Advanced Expository Writing</a>	3
EDRD 3516 <a href="#">Children's Literature</a> (3)	3
EDRD 3517 <a href="#">Young Adult Literature</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>11</b>
<b>Mathematics Core</b>	
Course	Credits
MAT 1560 <a href="#">Numerical Reasoning</a>	4
MAT 2561 <a href="#">Statistical &amp; Algebraic Reasng</a>	4
MAT 3562 <a href="#">Geometric Reasoning</a>	4
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>The Arts Core</b>	
Course	Credits
ART 3546 <a href="#">Art Education</a>	3
MUS 3501 <a href="#">Elementary Music Education</a>	3
TRE 3800 <a href="#">Theatre Education</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>
<b>Health &amp; Fitness Core</b>	
Course	Credits
PES 3510 <a href="#">Teaching Physical Education</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Natural Sciences Core</b>	

Course	Credits
BIO 2569 <a href="#">Introduction to Biology I</a>	3
BIO 2570 <a href="#">Introduction to Biology II</a>	3
PHY 2567 <a href="#">Devlp Concppts Physcl Science I</a>	3
PHY 2568 <a href="#">Devlp Concpct Physcl Science II</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>Social Sciences Core</b>	
Course	Credits
GEO 1110 <a href="#">World Regional Geography</a> (5)	5
POL 1120 <a href="#">American Government &amp; Politics</a> (5)	
PSY 1180 <a href="#">Gen Psych:Individual in Growth</a> (5)	5
SOC 1110 <a href="#">Introduction to Sociology</a> (5)	
HIS 2502 <a href="#">The United States to 1876</a> (5)	5
HIS 2503 <a href="#">The United States Since 1876</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Lower-Division Required Course</b>	
Course	Credits
CHM 1100 <a href="#">Introduction to Chemistry</a> (5)	5
CHM 1211 <a href="#">General Chemistry I</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>EDU or Natural Sciences Capstone Requirement</b>	
Course	Credits
BIO 4899 <a href="#">Natural Sciences Seminar</a> (2)	2
CHM 4899 <a href="#">Natural Sciences Capstone Sem</a> (2)	
EDU 4899 <a href="#">Teacher as Person-Capstone</a> (2)	
PHY 4899 <a href="#">Natural Sciences Seminar</a> (2)	
<b>SECTION CREDITS REQUIRED</b>	<b>2</b>
<b>Lower-Division Elective Course (see restrictions below)</b>	
Course	Credits
CHM 1212 <a href="#">General Chemistry II</a> (5)	5
CHM 1330 <a href="#">Organic &amp; Biological Chemistry</a> (5)	
HIS 2491 <a href="#">Origins of Western Science</a> (5)	
HIS 2492 <a href="#">Foundations of Modern Science</a> (5)	
PHY 1111 <a href="#">University Scholars Physics</a> (5)	
PHY 1135 <a href="#">Astronomy:Individual &amp; Univers</a> (5)	
PHY 1142 <a href="#">Earth System Science</a> (5)	
PHY 1143 <a href="#">Topics in Global Climate</a> (5)	
PHY 1145 <a href="#">Oceanography</a> (5)	
PHY 1150 <a href="#">Introduction to Geology</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Upper-Division Elective Courses (see restrictions below)</b>	
Course	Credits
BIO 3000 <a href="#">Intro Biological Anthropology</a> (5)	13
BIO 3301 <a href="#">Tropical Biology</a> (3-5)	
BIO 3310 <a href="#">Ecology</a> (5)	
BIO 3351 <a href="#">General Microbiology</a> (5)	
BIO 3432 <a href="#">Biodiversity:Vertebrate Biolgy</a> (5)	
BIO 3453 <a href="#">Biodiversity:Plant Ident &amp; Tax</a> (5)	

BIO 3456 <a href="#">Mycology</a> (3)
BIO 4117 <a href="#">Birds of the Pacific Northwest</a> (5)
BIO 4615 <a href="#">Issues &amp; Values in Biology</a> (3)
BIO 4735 <a href="#">Marine Biology</a> (5)
BIO 4744 <a href="#">Marine Botany</a> (5)
BIO 4810 <a href="#">Marine Ecology</a> (5)
BIO 4815 <a href="#">Aquatic Ecology</a> (5)
BIO 4825 <a href="#">Forest Ecology</a> (5)
BIO 4835 <a href="#">Conservation Biology</a> (5)
BIO 4880 <a href="#">Blakely Field Studies</a> (1-5)
BIO 4978 <a href="#">Biological Research Proposal</a> (1)
BIO 4979 <a href="#">Biological Research</a> (1-4)
CHM 3225 <a href="#">Chemical Equilibrium &amp; Analys</a> (5)
CHM 3228 <a href="#">Electroanalytical Chemistry</a> (2)
CHM 3229 <a href="#">Analytical Spectroscopy</a> (2)
CHM 3371 <a href="#">Organic Chemistry I</a> (5)
CHM 3372 <a href="#">Organic Chemistry II</a> (5)
CHM 3373 <a href="#">Organic Chemistry III</a> (5)
PHY 3010 <a href="#">Contmpary Iss in Physicl Sci Ed</a> (2)
PHY 4501 <a href="#">Physics:A Process of Inquiry I</a> (5)
PHY 4502 <a href="#">Physics:Process of Inquiry II</a> (5)
BIO 4930 <a href="#">Biology Practicum</a> (1-5)
CHM 4930 <a href="#">Chemstry/Biochmstry Practicum</a> (1-5)
PHY 4510 <a href="#">Prepare Tchng Physical Science</a> (1-3)
PHY 4511 <a href="#">Preparatn forTchg UG Mechanics</a> (1-3)
PHY 4512 <a href="#">Prep Tchng UG Electromagnetism</a> (1-3)
PHY 4513 <a href="#">Preprtn Tchng UG Waves &amp; Optics</a> (1-3)
BIO 4899 <a href="#">Natural Sciences Seminar</a> (1)
CHM 4899 <a href="#">Natural Sciences Capstone Sem</a> (1)
PHY 4899 <a href="#">Natural Sciences Seminar</a> (1)
<b>SECTION CREDITS REQUIRED</b> 13
<b>W Course Requirement</b>
<b>Course</b> <b>Credits</b>
BIO 3310 <a href="#">Ecology</a> (5)
BIO 4615 <a href="#">Issues &amp; Values in Biology</a> (3)
BIO 4810 <a href="#">Marine Ecology</a> (5)
BIO 4978 <a href="#">Biological Research Proposal</a> (1)
PHY 4501 <a href="#">Physics:A Process of Inquiry I</a> (5)
PHY 4502 <a href="#">Physics:Process of Inquiry II</a> (5)
<b>SECTION CREDITS REQUIRED</b> 3
<b>Practicum Requirement</b>
<b>Course</b> <b>Credits</b>
BIO 4930 <a href="#">Biology Practicum</a> (1-5)
CHM 4930 <a href="#">Chemstry/Biochmstry Practicum</a> (1-5)
PHY 4510 <a href="#">Prepare Tchng Physical Science</a> (1-3)
PHY 4511 <a href="#">Preparatn forTchg UG Mechanics</a> (1-3)
PHY 4512 <a href="#">Prep Tchng UG Electromagnetism</a> (1-3)
PHY 4513 <a href="#">Preprtn Tchng UG Waves &amp; Optics</a> (1-3)
<b>SECTION CREDITS REQUIRED</b> 2
<b>Restricted electives: At most 8 credits may be chosen from:</b>
<b>Course</b> <b>Credits</b>
HIS 2491 <a href="#">Origins of Western Science</a> (5)
HIS 2492 <a href="#">Foundations of Modern Science</a> (5)
BIO 3000 <a href="#">Intro Biological Anthropology</a> (5)
BIO 4615 <a href="#">Issues &amp; Values in Biology</a> (3)
BIO 4899 <a href="#">Natural Sciences Seminar</a> (1)
BIO 4930 <a href="#">Biology Practicum</a> (1-5)

CHM 4899 <a href="#">Natural Sciences Capstone Sem</a> (1)	
CHM 4930 <a href="#">Chemistry/Biochemistry Practicum</a> (1-5)	
PHY 3010 <a href="#">Contmpary Iss in Physci Sci Ed</a> (2)	
PHY 4510 <a href="#">Prepare Tchng Physical Science</a> (1-3)	
PHY 4511 <a href="#">Preparatn forTchg UG Mechanics</a> (1-3)	
PHY 4512 <a href="#">Prep Tchng UG Electromagnetism</a> (1-3)	
PHY 4513 <a href="#">Preprtn Tchng UG Waves &amp; Optics</a> (1-3)	
PHY 4899 <a href="#">Natural Sciences Seminar</a> (1)	
<b>SECTION CREDITS REQUIRED</b>	<b>0</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>94</b>

### INTEGRATED STUDIES: SOCIAL SCIENCES CONCENTRATION (B.A.)

94 Credits Minimum, Including 23 Upper Division (UD)

#### Suggested Course Sequence

#### Language Arts Core

Course	Credits
LIN 2100 <a href="#">Foundations of Language Study</a> (5)	
COM 1101 <a href="#">Intro to Interpersonal Commun</a> (5)	5
COM 1321 <a href="#">Public Speaking</a> (5)	
ENG 3301 <a href="#">Advanced Expository Writing</a>	3
EDRD 3516 <a href="#">Children's Literature</a> (3)	
EDRD 3517 <a href="#">Young Adult Literature</a> (3)	3

**SECTION CREDITS REQUIRED 11**

#### Mathematics Core

Course	Credits
MAT 1560 <a href="#">Numerical Reasoning</a>	4
MAT 2561 <a href="#">Statistical &amp; Algebraic Reasng</a>	4
MAT 3562 <a href="#">Geometric Reasoning</a>	4

**SECTION CREDITS REQUIRED 12**

#### The Arts Core

Course	Credits
ART 3546 <a href="#">Art Education</a>	3
MUS 3501 <a href="#">Elementary Music Education</a>	3
TRE 3800 <a href="#">Theatre Education</a>	3

**SECTION CREDITS REQUIRED 9**

#### Health & Fitness Core

Course	Credits
PES 3510 <a href="#">Teaching Physical Education</a>	5

**SECTION CREDITS REQUIRED 5**

#### Natural Sciences Core

Course	Credits
BIO 2569 <a href="#">Introduction to Biology I</a>	3

BIO 2570 <a href="#">Introduction to Biology II</a>	3
PHY 2567 <a href="#">Devlp Concppts Physcl Science I</a>	3
PHY 2568 <a href="#">Devlp Concpct Physcl Science II</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>Social Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
GEO 1110 <a href="#">World Regional Geography</a>	5
PSY 1180 <a href="#">Gen Psych:Individual in Growth</a> (5) SOC 1110 <a href="#">Introduction to Sociology</a> (5)	5
HIS 2502 <a href="#">The United States to 1876</a> (5) HIS 2503 <a href="#">The United States Since 1876</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Social Sciences Concentration Requirements</b>	
<b>Course</b>	<b>Credits</b>
POL 1120 <a href="#">American Government &amp; Politics</a> (5) POL 2464 <a href="#">State &amp; Local Politics</a> (5) HIS 2502 <a href="#">The United States to 1876</a> (5) HIS 2503 <a href="#">The United States Since 1876</a> (5)	5
ANT 2250 <a href="#">Cultural Anthropology</a> (5) SOC 1110 <a href="#">Introduction to Sociology</a> (5)	5
HIS 3600 <a href="#">History of Pacific Northwest</a> (5) HIS 4600 <a href="#">Pacific Northwest Sen Tutorial</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>EDU or Social Sciences Capstone Requirement</b>	
<b>Course</b>	<b>Credits</b>
EDU 4899 <a href="#">Teacher as Person-Capstone</a> (2) HIS 4899 <a href="#">History Capstone</a> (3) POL 4899 <a href="#">Political Science Capstone</a> (3)	2
<b>SECTION CREDITS REQUIRED</b>	<b>2</b>
<b>UD Electives (at least 3 creds each: HIS; POL/GEO; SOC/ANT)</b>	<b>13</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>94</b>

**INTEGRATED STUDIES: THE ARTS CONCENTRATION (B.A.)**

94 Credits Minimum, Including 23 Upper Division (UD)

[Suggested Course Sequence](#)

<b>Language Arts Core</b>	
<b>Course</b>	<b>Credits</b>
LIN 2100 <a href="#">Foundations of Language Study</a> (5) COM 1101 <a href="#">Intro to Interpersonal Commun</a> (5) COM 1321 <a href="#">Public Speaking</a> (5)	5
ENG 3301 <a href="#">Advanced Expository Writing</a>	3
EDRD 3516 <a href="#">Children's Literature</a> (3) EDRD 3517 <a href="#">Young Adult Literature</a> (3)	3

<b>SECTION CREDITS REQUIRED</b>	<b>11</b>
<b>Mathematics Core</b>	
<b>Course</b>	<b>Credits</b>
MAT 1560 <a href="#">Numerical Reasoning</a>	4
MAT 2561 <a href="#">Statistical &amp; Algebraic Reasng</a>	4
MAT 3562 <a href="#">Geometric Reasoning</a>	4
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>The Arts Core</b>	
<b>Course</b>	<b>Credits</b>
ART 3546 <a href="#">Art Education</a>	3
MUS 3501 <a href="#">Elementary Music Education</a>	3
TRE 3800 <a href="#">Theatre Education</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>9</b>
<b>Health &amp; Fitness Core</b>	
<b>Course</b>	<b>Credits</b>
PES 3510 <a href="#">Teaching Physical Education</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Natural Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
BIO 2569 <a href="#">Introduction to Biology I</a>	3
BIO 2570 <a href="#">Introduction to Biology II</a>	3
PHY 2567 <a href="#">Devlp Concepts Physcl Science I</a>	3
PHY 2568 <a href="#">Devlp Concept Physcl Science II</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>12</b>
<b>Social Sciences Core</b>	
<b>Course</b>	<b>Credits</b>
GEO 1110 <a href="#">World Regional Geography</a> (5)	5
POL 1120 <a href="#">American Government &amp; Politics</a> (5)	
PSY 1180 <a href="#">Gen Psych:Individual in Growth</a> (5)	5
SOC 1110 <a href="#">Introduction to Sociology</a> (5)	
HIS 2502 <a href="#">The United States to 1876</a> (5)	5
HIS 2503 <a href="#">The United States Since 1876</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>The Arts Concentration Requirements</b>	
<b>Course</b>	<b>Credits</b>
ART 1180 <a href="#">The Visual Arts</a> (5)	10
MUS 1104 <a href="#">Music Theory I</a> (3)	
MUS 1107 <a href="#">Aural Skills I</a> (2)	
TRE 1310 <a href="#">The Actor's Art</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>EDU or The Arts Capstone Requirement</b>	



Course	Credits
ART 4899 <a href="#">Senior Capstone:Visual Communc</a> (3)	2
EDU 4899 <a href="#">Teacher as Person-Capstone</a> (2)	
MUS 4899 <a href="#">Mus,Musician &amp; Reliqous Exprnc</a> (3)	
TRE 4899 <a href="#">Capstone:Art &amp; Reliqous Exprnc</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>2</b>
<b>The Arts Electives (Select 18 total credits; at least 12 UD)</b>	
Course	Credits
ART 1102 <a href="#">Drawng Studio:Observtn&amp;Realism</a> (5)	18
ART 2602 <a href="#">West Trad I:Ancient&amp;Medvl Art</a> (5)	
ART 2603 <a href="#">West Trad II:Art since Renssnc</a> (5)	
ART 3605 <a href="#">Topics in Modern Art</a> (5)	
ART 3608 <a href="#">Issues in Contemporary Art</a> (5)	
MUS 2301 <a href="#">Choral Society: Gospel Choir</a> (1)	
MUS 2303 <a href="#">Seattle Pacific Singers</a> (1)	
MUS 2304 <a href="#">Chamber Singers</a> (1)	
MUS 2305 <a href="#">Women's Choir</a> (2)	
MUS 2306 <a href="#">Brass Ensemble</a> (1)	
MUS 2307 <a href="#">Percussion Ensemble</a> (1-2)	
MUS 2308 <a href="#">Woodwind Ensmble (Flute)</a> (1)	
MUS 2311 <a href="#">Jazz Ensemble</a> (2)	
MUS 2312 <a href="#">Men's Choir</a> (2)	
MUS 2313 <a href="#">Vocal Jazz Ensemble</a> (2)	
MUS 2340 <a href="#">Chamber Ensemble</a> (1)	
MUS 2350 <a href="#">Concert Choir</a> (2)	
MUS 2351 <a href="#">Symphonic Wind Ensemble</a> (2)	
MUS 2353 <a href="#">Symphony Orchestra</a> (2)	
MUS 2360 <a href="#">Opera Workshop</a> (1-2)	
MUS 2402 <a href="#">History &amp; Appreciation of Jazz</a> (5)	
MUS 3502 <a href="#">Music in Special Education</a> (3)	
MUS 4301 <a href="#">Choral Society: Gospel Choir</a> (1)	
MUS 4303 <a href="#">Seattle Pacific Singers</a> (1)	
MUS 4304 <a href="#">Chamber Singers</a> (1)	
MUS 4305 <a href="#">Women's Choir</a> (2)	
MUS 4306 <a href="#">Brass Ensemble</a> (1)	
MUS 4307 <a href="#">Percussion Ensemble</a> (1-2)	
MUS 4308 <a href="#">Woodwind Ensmble (Flute)</a> (1)	
MUS 4309 <a href="#">String Ensemble</a> (1)	
MUS 4310 <a href="#">Keyboard Ensemble</a> (1)	
MUS 4311 <a href="#">Jazz Ensemble</a> (2)	
MUS 4312 <a href="#">Men's Choir</a> (2)	
MUS 4313 <a href="#">Vocal Jazz Ensemble</a> (2)	
MUS 4340 <a href="#">Chamber Ensemble</a> (1)	
MUS 4350 <a href="#">Concert Choir</a> (2)	
MUS 4351 <a href="#">Symphonic Wind Ensemble</a> (2)	
MUS 4353 <a href="#">Symphony Orchestra</a> (2)	
MUS 4360 <a href="#">Opera Workshop</a> (1-2)	
MUS 4402 <a href="#">History &amp; Appreciation of Jazz</a> (5)	
TRE 1720 <a href="#">Stagecraft</a> (5)	
TRE 1930 <a href="#">Performance Practicum</a> (2)	
TRE 1931 <a href="#">Production Practicum</a> (2)	
TRE 3710 <a href="#">Play Directing</a> (5)	
TRE 3930 <a href="#">Performance Practicum</a> (2)	
TRE 3931 <a href="#">Production Practicum</a> (2)	
TRE 4760 <a href="#">Playwriting</a> (5)	
TRE 4770 <a href="#">Creative Drama</a> (3)	
TRE 4911 <a href="#">History of the Theatre I</a> (5)	
TRE 4913 <a href="#">History of the Theatre II</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>94</b>

## SPECIAL EDUCATION

For a complete overview of the Residency Teacher Certification Program, visit the [School of Education](#) in this *Undergraduate Catalog*.

Special education is the only undergraduate major housed in the School of Education. The special education major prepares students to work with individuals with disabilities in various capacities.

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 the School of Theology to offer programs in Special Education that works in various types of church ministries.

### Admission to the Special Education Major

Students interested in the special education major are encouraged to indicate their intent upon arrival at SPU. This indication is made with the School of Education Office located on the third floor of [Peterson Hall](#). Indication of interest does not commit the student to the program, but it assures advising and continuing receipt of current information about the special education program requirements.

For students interested in P–12 teaching, admission to the special education major requires completion of the Foundations Quarter as well as specific prerequisites to begin advanced course work. The non-teaching track internship and practicum experiences are tailored to each student and require advanced planning with a special education advisor. Therefore, all students benefit by declaring their intended major early in this program.

Since many courses are only offered once a year, planning is especially important for students who desire to complete their undergraduate degree in a timely fashion.

A student must complete the major requirements in effect when the student is admitted to the major.

### Special Education: Teaching Track

The primary purpose of the special education major with teaching is to develop teachers who have the knowledge and skills necessary to design and implement appropriate education for students with disabilities.

### Requirements leading to certification in special education

- Certification in special education (grades P –12) is granted upon successful completion of the special education major and the specialized certificate requirements.
- Foundations requirements for a P –12 special education certificate are listed the same as the general education quarters. The specific applications courses required for the P –12 special education certificate are listed in the major requirements.
- Transfer students must complete a minimum of 15 upper-division credits in special education coursework prior to the internship.

### P–12 Special Education with Certification

Students pursuing only P –12 Special Education Certification will take Foundations Quarter along with the certification students.

Depending their desired emphasis, students should choose either the Elementary Emphasis Teaching track or the Secondary Emphasis teaching track

### Special Education: Elementary Emphasis

#### Requirements for the Special Education Elementary Emphasis Certification

#### Foundations Quarter

Prerequisites include:

- Official admission to SPU
- Sophomore standing (45 credits)

- Cumulative 2.8 GPA, or 3.0 GPA in last 30 credits
- Starting a file in the School of Education ( contact the education office to obtain paperwork)
- Approved general [psychology](#) or general [sociology](#) class with a grade of C or better

### **Methods and Skills Courses**

These courses may be taken independently of each other and the professional quarters. See specific course descriptions because these courses are prerequisites for continuation in the certification sequence.

A student must receive a grade of "C" or better in all methods and skills courses and a grade of "B" or better in the lab and internships to be recommended for certification.

### **Methods Quarter**

Prerequisites include:

- Successful completion of the Foundations Quarter
- Junior standing (90 credits)
- Accepted into the Special Education Major
- Admission to the School of Education
- Cumulative 3.0 GPA, or 3.3 in the last 45 credits
- Successful completion of MAT 1560, MAT 2561, MAT 3562, and EDRD 2000
- Fingerprint clearance
- Passing scores on WEST-B test
- Must have taken the appropriate WEST-E test(s)

### **Integrated and Internship Quarters**

Prerequisites include:

- Successful completion of the Methods Quarter
- Completing 15 upper-division credits in a major
- Receiving a passing score on the appropriate WEST-E test(s)
- Participate in an internship placement interview
- Senior standing (135 credits)

Students need to plan to pass the appropriate WEST-E test(s) **at least one quarter** prior to registering for Integrated Quarter because passing scores must be received by SPU before students will be given permission to register for Integrated Quarter.

Integrated and Internship quarters must be taken sequentially in the same academic year (Autumn-Winter or Winter-Spring) and a grade of B or better is required for Secondary Internship A and B.

### **Special Education: Secondary Emphasis**

[Requirements for the Special Education Secondary Emphasis Certification](#)

#### **Foundations Quarter**

Prerequisites include:

- Official admission to SPU
- Sophomore standing (45 credits)
- Cumulative 2.8 GPA, or 3.0 GPA in last 30 credits
- Starting a file in the School of Education (contact the [education office](#) to obtain paperwork)
- Approved [psychology](#) or general [sociology](#) class with a grade of C or better

#### **Methods and Skills Courses and Electives**

These courses maybe take independently of each other and the professional quarters. See specific course descriptions because these courses are prerequisites for continuation in the certification sequence.

A student must receive a grade of "C" or better in all methods and skills courses and a grade of "B" or better in the lab and internships to be recommended for certification.

### **Methods Quarter**

Prerequisites include:

- Successful completion of the Foundations Quarter
- Junior standing (90 credits)
- Accepted into the School of Education Major
- Admission to the School of Education
- Cumulative 3.0 GPA, or 3.3 in the last 45 credits
- Successful completion of MAT 1560, MAT 2561, MAT 3562; and EDRD 2000
- Fingerprint clearance
- Passing scores on WEST-B test
- Take the appropriate WEST-E test(s)

### **Integrated and Internship Quarters**

Prerequisites include:

- Successful completion of the Methods Quarter
- Completing 15 upper-division credits in your major
- Receiving a passing score on the appropriate WEST-E test
- Participate in an internship placement interview
- Senior standing (135 credits)

Students need to plan to pass the appropriate WEST-E test(s) **at least one quarter** prior to registering for Integrated Quarter because passing scores must be received by SPU before students will be given permission to register for Integrated Quarter.

Integrated and Internship quarters must be taken sequentially in the same academic year (Autumn-Winter or Winter-Spring), and a grade of "B" or better is required for Secondary Internship A and B.

 [Print Degree Requirements](#) | [Print this Page](#)

### **Special Education Major: Non-Teaching Tracks**

The primary purpose of the non-teaching track in special education is to prepare professionals to work with individuals with disabilities outside the classroom setting. This major serves three general interest areas for the following students:

- Students pursuing a special education degree who plan to work with state, local, or nonprofit agencies that serve individuals with disabilities. This includes direct- service providers and advocacy groups.
- Students who wish to work with individuals and families with disabilities in faith-based or church settings.
- Students who wish to pursue advanced degrees in special education or related fields (e.g., researchers in special education, speech therapists, occupational therapists and physical therapists).

### **Special Education: General Emphasis**

#### **Requirements for Special Education: General Emphasis**

In this emphasis, students take all of the major courses required for teacher preparation. However, the internship requirement is significantly different. A minimum of 10 practicum credits are required to complete the major.

In collaboration with a 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.

**Special Education: Educational Ministry Emphasis**  
**Requirements for Special Education: Educational Ministry Emphasis**

Students in this track benefit from a partnership with the School of Education and the School of Theology. Coursework from both programs provide students with a foundation in both disability studies and educational ministry.

Graduates from this program 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.

**SPECIAL EDUCATION: EDUCATIONAL MINISTRY EMPHASIS**

47 Credits Minimum, Including 37 Upper Division (UD)

Suggested Course Sequence

<b>Special Education Courses</b>	
<b>Course</b>	<b>Credits</b>
EDSP 3107 <a href="#">Exceptionality in the Classrm</a>	3
PSY 2470 <a href="#">Life Span Developmental Psych</a>	5
EDSP 4642 <a href="#">Individual Education Programs</a>	3
EDSP 4646 <a href="#">Severe Disabilities</a>	3
EDSP 4648 <a href="#">Tching Studnts w Emot&amp;Behv Dis</a>	3
EDSP 4652 <a href="#">Disabilities of Learn&amp;Attentio</a>	3
EDSP 4657 <a href="#">Behavior Management</a>	3
EDSP 4899 <a href="#">Issues in Special Ed -Capstone</a>	3
EDU 4930 <a href="#">Education Practicum</a>	6
<b>SECTION CREDITS REQUIRED</b>	<b>32</b>
<b>Educational Ministry Courses</b>	
<b>Course</b>	<b>Credits</b>
THEO 3730 <a href="#">Theology&amp;Practice of Youth Min</a> (3)	3
THEO 4731 <a href="#">Child Devlpmnt &amp; Educ Minstry</a> (3)	
THEO 4733 <a href="#">Adult Devlp &amp; Eductnl Ministry</a> (3)	
THEO 2710 <a href="#">Foundations for Educ Ministry</a>	5
THEO 4720 <a href="#">Leadership in Ministry</a>	5
THEO 4940 <a href="#">Internship</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>47</b>

**SPECIAL EDUCATION: ELEMENTARY CERTIFICATION**

68 Credits Minimum, Including 36 Upper Division (UD)

Suggested Course Sequence

<b>Foundations Quarter</b>	
<b>Course</b>	<b>Credits</b>
EDU 2104 <a href="#">Introduction to Education</a> (2)	8
EDU 2200 <a href="#">Foundations &amp; Educational Psych</a> (3)	
EDU 2300 <a href="#">Diversity &amp; the Classroom</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Methods and Skills Courses</b>	

Course	Credits
MAT 1560 <a href="#">Numerical Reasoning</a> (4)	12
MAT 2561 <a href="#">Statistical &amp; Algebraic Reasnq</a> (4)	
MAT 3562 <a href="#">Geometric Reasoning</a> (4)	
EDU 3942 <a href="#">September Experience</a>	1
EDRD 2000 <a href="#">Reading I:Psychology of Readng</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>16</b>
<b>Methods Quarter (must be taken Concurrently)</b>	
Course	Credits
EDU 3200 <a href="#">Elem Gen Meth I:Classrm Mangmt</a>	2
EDMA 3000 <a href="#">Math Methods I:Teachg K-8 Math</a>	2
EDU 3105 <a href="#">Laboratory Experience:Elemntry</a>	2
EDRD 3200 <a href="#">Readng II:Rdg &amp; Lang Arts Meth</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Integrated Quarter (must be taken Concurrently)</b>	
Course	Credits
EDU 4200 <a href="#">Elem Gen Mth II:Strat Dvrs Lrn</a>	2
EDMA 4000 <a href="#">Math Methods II:Tchng K-8 Math</a>	2
EDSP 4943 <a href="#">Elemntry Spcl Ed Intrnship A</a>	12
EDRD 4200 <a href="#">Rdg III:Intrvnt Struggling Rdrs</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Internship Quarter (must be taken Concurrently)</b>	
Course	Credits
EDU 4899 <a href="#">Teacher as Person-Capstone</a>	2
EDTC 4236 <a href="#">Intgrate Tech for Elem Teachrs</a>	1
EDSP 4944 <a href="#">Elementary Spec Ed Internshp B</a>	15
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>68</b>

### SPECIAL EDUCATION: ELEMENTARY EMPHASIS

62 Credits Minimum, Including 36 Upper Division (UD)

[Suggested Course Sequence](#)

<b>Requirements for Special Education</b>	
Course	Credits
EDSP 3107 <a href="#">Exceptionality in the Classrm</a>	3
PSY 2470 <a href="#">Life Span Developmental Psych</a>	5
EDRD 2000 <a href="#">Reading I:Psychology of Readng</a>	3
EDSP 4642 <a href="#">Individual Education Programs</a>	3
EDSP 4646 <a href="#">Severe Disabilities</a>	3
EDSP 4648 <a href="#">Tching Studnts w Emot&amp;Behv Dis</a>	3
EDSP 4651 <a href="#">Special Education Assessment</a>	3

EDSP 4652 <a href="#">Disabilities of Learn&amp;Attentio</a>	3
EDSP 4653 <a href="#">Teach Rdng to Exceptnl Student</a>	3
EDSP 4657 <a href="#">Behavior Management</a>	3
EDSP 4899 <a href="#">Issues in Special Ed -Capstone</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>35</b>
<b>Student Teaching</b>	
<b>Course</b>	<b>Credits</b>
EDSP 4943 <a href="#">Elmnlry Spcl Ed Intrnshp A</a>	12
EDSP 4944 <a href="#">Elementary Spec Ed Internshp B</a>	15
<b>SECTION CREDITS REQUIRED</b>	<b>27</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>62</b>

### SPECIAL EDUCATION: GENERAL EMPHASIS

45 Credits Minimum, Including 23 Upper Division (UD)

[Suggested Course Sequence](#)

<b>Requirements for Special Education</b>	
<b>Course</b>	<b>Credits</b>
EDSP 3107 <a href="#">Exceptionality in the Classrm</a>	3
PSY 2470 <a href="#">Life Span Developmental Psych</a>	5
EDRD 2000 <a href="#">Reading I:Psychology of Readng</a>	3
EDSP 4642 <a href="#">Individual Education Programs</a>	3
EDSP 4646 <a href="#">Severe Disabilities</a>	3
EDSP 4648 <a href="#">Tching Studnts w Emot&amp;Behv Dis</a>	3
EDSP 4651 <a href="#">Special Education Assessment</a>	3
EDSP 4652 <a href="#">Disabilities of Learn&amp;Attentio</a>	3
EDSP 4653 <a href="#">Teach Rdng to Exceptnl Student</a>	3
EDSP 4657 <a href="#">Behavior Management</a>	3
EDSP 4899 <a href="#">Issues in Special Ed -Capstone</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>35</b>
<b>Practicum</b>	
<b>Course</b>	<b>Credits</b>
EDU 4930 <a href="#">Education Practicum</a>	10
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>45</b>

### SPECIAL EDUCATION: SECONDARY CERTIFICATION

68 Credits Minimum, Including 36 Upper Division (UD)

[Suggested Course Sequence](#)

<b>Foundations Quarter</b>	
<b>Course</b>	<b>Credits</b>

EDU 2104 <a href="#">Introduction to Education</a>	2
EDU 2200 <a href="#">Foundations &amp; Educational Psych</a>	3
EDU 2300 <a href="#">Diversity &amp; the Classroom</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Methods and Skills Courses</b>	
<b>Course</b>	<b>Credits</b>
MAT 1560 <a href="#">Numerical Reasoning</a>	4
MAT 2561 <a href="#">Statistical &amp; Algebraic Reasng</a>	4
MAT 3562 <a href="#">Geometric Reasoning</a>	4
EDU 3942 <a href="#">September Experience</a>	1
EDRD 2000 <a href="#">Reading I: Psychology of Readng</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>16</b>
<b>Methods Quarter (must be taken Concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDU 3250 <a href="#">Sec Gen Mth I: Plan &amp; Cls Mngmt</a>	2
EDU 4530 <a href="#">Topics in Secondary Education</a>	2
EDU 3106 <a href="#">Laboratory Experience: Secndry</a>	2
EDRD 3530 <a href="#">Rdng &amp; Wrtnng Across Curriculum</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Integrated Quarter (must be taken Concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDU 4250 <a href="#">Sec Gen Mth II: Strat Dvrs Lrn</a>	3
EDSP 4948 <a href="#">Secondary Spec Ed Intrnship A</a>	15
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>Internship Quarter (must be taken Concurrently)</b>	
<b>Course</b>	<b>Credits</b>
EDU 4899 <a href="#">Teacher as Person-Capstone</a>	2
EDTC 4237 <a href="#">Integrtn of Tech Secndry Tchrs</a>	1
EDSP 4949 <a href="#">Secondary Spec Edu Internshp B</a>	15
<b>SECTION CREDITS REQUIRED</b>	<b>18</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>68</b>

**SPECIAL EDUCATION: SECONDARY EMPHASIS**

65 Credits Minimum, Including 36 Upper Division (UD)

[Suggested Course Sequence](#)

<b>Requirements for Special Education</b>	
<b>Course</b>	<b>Credits</b>
EDSP 3107 <a href="#">Exceptionality in the Classrm</a>	3
PSY 2470 <a href="#">Life Span Developmental Psych</a>	5
EDRD 2000 <a href="#">Reading I: Psychology of Readng</a>	3



EDSP 4642	<u>Individual Education Programs</u>	3
EDSP 4646	<u>Severe Disabilities</u>	3
EDSP 4648	<u>Tching Studnts w Emot&amp;Behv Dis</u>	3
EDSP 4651	<u>Special Education Assessment</u>	3
EDSP 4652	<u>Disabilities of Learn&amp;Attentio</u>	3
EDSP 4653	<u>Teach Rdng to Exceptnl Student</u>	3
EDSP 4657	<u>Behavior Management</u>	3
EDSP 4899	<u>Issues in Special Ed -Capstone</u>	3
<b>SECTION CREDITS REQUIRED</b>		<b>35</b>
<b>Student Teaching</b>		
<b>Course</b>		<b>Credits</b>
EDSP 4948	<u>Secondary Spec Ed Intrnship A</u>	15
EDSP 4949	<u>Secondary Spec Edu Internshp B</u>	15
<b>SECTION CREDITS REQUIRED</b>		<b>30</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>65</b>

## School of Health Sciences, Lydia Green Nursing Program

Marston Hall  
206-281-2233  
[spu.edu/depts/hsc/](http://spu.edu/depts/hsc/)

Lucille Kelley, Dean of the School of Health Sciences

Based on our commitment to Christian values, SHS seeks 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.

— School of Health Sciences Mission Statement

### Majors

#### Nursing

#### R.N. to B.S. Off-Campus Degree Completion

### Lydia Green Nursing Program

The purpose of the Lydia Green Nursing Program is to prepare graduates of competence, character, and wisdom to meet the health needs of a community by promoting wellness and providing illness care for its members.

The B.S. degree with a nursing major is approved by the [state of Washington](#) and accredited by the [Commission on Collegiate Nursing Education](#) (CCNE).

The aim of the baccalaureate degree program is to foster the development of self-understanding, caring, collaboration, ethical thought and action, intellectual curiosity, critical thinking, and judgment, as well as integrating Christian faith with scientific knowledge and clinical expertise.

There are two options for obtaining a baccalaureate degree in nursing:

- The basic four-year undergraduate pre-licensure program
- The R.N. to B.S. degree completion program

### The Basic Four-Year Undergraduate Pre-Licensure Program

Students may complete all coursework at SPU or may transfer in prerequisite, general education, and elective coursework from other institutions.

Completing a Direct Transfer Associate of Arts Degree or a Direct Transfer Pre-Nursing Degree (DTA) facilitates the transition to SPU for transfer students. Upon satisfactory completion of the baccalaureate degree, the graduate is eligible to take the [national examination](#) required for licensure as a registered nurse (NCLEX-RN).

SPU baccalaureate graduates are prepared to assume entry-level practice and leadership roles in a variety of health care settings.

The **R.N. to B.S. degree completion program** enables non-baccalaureate prepared R.N.s to complete the bachelor of science degree with a nursing major.

## LYDIA GREEN NURSING PROGRAM: B.S. IN NURSING

Marston Hall  
206-281-2233  
[spu.edu/depts/hsc/](http://spu.edu/depts/hsc/)

**FACULTY:** [Vicki Aaberg](#), [Gaylene Altman](#), [Susan Casey](#), [Erla Champ-Gibson](#), [Mary Coucoules](#), [Kathy Fitzsimmons](#), [Chris Henshaw](#), [Lucille Kelley](#), [Jim Mitre](#), [Heidi Monroe](#), [Eileen Owen-Williams](#), [Carol Redfield](#), [Kathy Stetz](#)

For additional information about the School of Health Sciences, visit the [Health Sciences](#) overview in this *Undergraduate Catalog*.

### Policies

Educational standards and policies governing students admitted to the nursing programs and regulations covering a student's progression through the nursing program are outlined in the [Seattle Pacific University Nursing Student Handbook](#) (PDF). This handbook is given to each entering student at orientation and updated as needed throughout the program.

### Admission to the Major

High school preparation for nursing includes a minimum of two years laboratory science, one of which should be chemistry.

For students admitted to and currently enrolled at Seattle Pacific University, preparation for entry into the nursing major begins the first quarter of the freshman year. Upon completion of the first quarter of the freshman year, students who are interested in applying to the nursing major can request a nursing faculty advisor through the [Banner Information System](#).

**Applications for current SPU students** must be received in the School of Health Sciences Lydia Green Nursing Program no later than January 15 of their sophomore year.

The [application and recommendation forms](#) are available by mid-October for program entry the following autumn. In order to be considered for entry into the nursing major, a nursing application, recommendation form, and official copies of all college transcripts of courses not taken at SPU, along with course descriptions, must be received by the [School of Health Sciences](#) no later than January 15.

**Transfer and post-baccalaureate** students with intent to apply to SPU and to the nursing major must complete the following items and the forms must be received no later than January 15:

- Complete the online [SPU undergraduate application](#), indicating on it that nursing is the intended major.
- Also complete and return the [School of Health Sciences B.S. with a major in nursing application](#) to Undergraduate Admissions.

Transfer students must complete 90 transferrable credits by June of the application year. Preference is given to students with a completed direct transfer agreement associates degree (DTA). The SPU application is completed on-line; all other application materials must be mailed together and received by the Office of Undergraduate Admissions no later than January 15. Students are encouraged to apply early.

The Office of Undergraduate Admissions will forward the completed application materials to the School of Health Sciences Lydia Green Nursing Program for final review.

For questions regarding the admissions process or to arrange for a visit to Seattle Pacific University, contact the Office of Admissions at 206-281-2021 or 800-366-3344 (toll free).

Transfer students should refer to the [online equivalency guide](#) to see if courses will transfer to the equivalent SPU prerequisite course. The primary focus of the equivalency guide is the Puget Sound region. Therefore, if courses are not listed in the equivalency guide, it does not necessarily mean they are not equivalent. The transcript evaluation process begins in the Office of Undergraduate Admissions and is finalized in [Student Academic Services](#).

**Completeness of the application packet** is the responsibility of the applicant. All materials must be submitted together in one envelope and received by January 15. Nursing applications are reviewed by the Academic and Student Affairs Committee (ASAC) of the School of Health Sciences.

Only completed applications will be reviewed. Applicants will be notified by mail regarding Committee action. Further information about orientation to the nursing program will follow full acceptance into the program. After applying to the nursing program, applicants who complete coursework at institutions other than SPU should send official transcripts to both the Office of Undergraduate Admissions and the School of Health Sciences Undergraduate Program:

Undergraduate Admissions  
Seattle Pacific University  
3307 Third Ave. W., Suite 115  
Seattle, WA 98119

School of Health Sciences Undergraduate Program  
Seattle Pacific University  
3307 Third Ave. W., Suite 106  
Seattle, WA 98119

To be considered complete, applications for the nursing program must include:

- [Application to the School of Health Science](#)
- Professional Recommendation Form (sealed)
- Official transcripts (sealed) for prerequisite coursework other than at SPU
- Course descriptions for each prerequisite course taken (other than at SPU)

Additionally, transfer, and post-baccalaureate students must submit an [SPU application](#) and recommendations. All application materials must be received by January 15.

Acceptance is contingent on completion of the prerequisite courses\* by the end of Spring quarter of the year the student is planning to begin nursing courses (for example, if planning to start nursing coursework in the Autumn of 2013, all prerequisites must be completed by the end of Spring quarter of 2013).

The preferred overall GPA in these courses is 3.0 or above (2.75 minimum) with no course less than a “C” grade (anything less than 2.0 is not acceptable). Attainment of the preferred GPA standards does not guarantee admission to the major, as the total number of admissions may be limited by capacity. A student must complete the major requirements in effect when the student is admitted to the major. Four prerequisite courses must be completed by the application due date; all prerequisite courses must be completed by spring term of the application year..

**Mid-program transfer** students are those students who have completed nursing coursework at another school and who seek admission into SPU's nursing program at anytime other than the Autumn Quarter of the junior year.

Students should complete the [mid-program transfer application](#) available by contacting the School of Health Sciences. ASAC will review course descriptions of all completed nursing courses and determine appropriate placement in the nursing program. All offers of admission are contingent on admission to the University and available space in the program.

<b>*Prerequisite courses are: SPU Equivalent</b>	
Anatomy (5 credits)	BIO 2129 Human Anatomy and Physiology (5 credits)
Physiology (5 credits)	BIO 2130 Human Anatomy and Physiology (5 credits)
Microbiology (5 credits)	BIO 3351 General Microbiology (5 credits)
Inorganic/General Chemistry (5 credits)	CHM 1211 General Chemistry (5 credits)
Organic Biological Chemistry (5 credits)	CHM 1330 Organic and Biological Chemistry (5 credits)
<b>All science courses listed above must include a lab</b>	
General Psychology (5)	PSY 1180 General Psychology (5 credits)

credits)	
Lifespan Psychology (5 credits)	PSY 2470 Life Span Developmental Psychology (5 credits)
Human Nutrition (5 credits)	FCS 3340 Human Nutrition (5 credits) Preferred OR a lower division Human Nutrition course (5 credits)
Basic Statistics (5 credits)	MAT 1360 Intro to Stats (5 credits) OR PSY 2360 Intro to Social and Behavioral Stats (5 credits) Psychology Majors or Transfer equiv. OR SOC 2360 Intro to Stats Soc & Behav Sci (5 credits) Sociology Majors or Transfer equiv. OR MAT 2700 Statistics for Business & Econ (5 credits) Business Majors or Transfer equiv.

Need to know when a course is being offered? Check the [2011-12 Time Schedule](#).

### Special Programs

The nursing program offers transcultural experiences for students on campus locally and abroad. Applications for the [study abroad](#) experience are available to nursing students Winter Quarter of their junior year and are due early in March. The study abroad experience occurs during the Winter Quarter of the senior year.

Transcultural programs may not be offered every year, depending on international travel conditions and opportunities available.

In addition, the School of Health Sciences has close ties with Gunma University College of Medical Care and Technology and Gunma Prefectural Health Sciences College in Japan, offering summer programs focused on nursing in the United States.

### Scholarships and Loans

Students in the nursing major who need financial assistance should apply to [Student Financial Services](#). In addition to general aid and work-study programs, nursing students may want to apply to government-sponsored programs such as the VALOR program through the Veteran's Administration, Health Resources Services Administration (HRSA), or the armed services through [ROTC](#).

Students are also encouraged to apply to local medical societies, nursing organizations such as the [Washington State Nurses Foundation](#), or community organizations such as Rotary. Local hospitals may have tuition reimbursement programs, which often include a commitment to work at the institution after graduation.

[Scholarship information](#) is also available online and in the scholarship notebook available in the School of Health Sciences. The School of Health Sciences has a number of endowed scholarships given every year through the generosity of foundations, alumni, and individuals.

### Expenses for All Basic Nursing Students

General expenses are the same as for other students with the following additions.

- Comprehensive testing program and access to online skills modules: one-time, nonrefundable fee of \$513 in first nursing course.
- Clinical practicum fee: \$75/practicum/internship credit.
- Lab fees: vary by quarter. Total for junior year practicum courses is \$2,096. Total for senior year practicum courses is \$1,675.
- National background check: \$40.
- Books and supplies: approximately \$1,100 for Autumn Quarter junior year. Additional book costs approximately \$100 per quarter.
- Uniforms and shoes: approximately \$200.

- Costs for transportation to and parking at practicum sites vary by quarter; students are responsible for their own transportation to practicum sites.
- Other costs include a physical examination by a primary care provider, current immunizations with yearly updates, personal health insurance, BLS for health care provider (CPR training), and HIV/AIDS training.
- Costs at the end of the program are for the [national licensure examination](#) (NCLEX-RN) and [state licensure](#). Check links for current costs.

## BS IN NURSING

125 Credits Minimum, Including 80 Upper Division (UD)

### Suggested Course Sequence

#### **B.S. With a Major in Nursing**

Course	Credits
NUR 3948 <a href="#">Professional Nursing Role I</a>	5
NUR 3952 <a href="#">Basic Nursing Theory</a>	6
NUR 3953 <a href="#">Basic Nursing Practicum</a>	5
NUR 3954 <a href="#">Nursing of Adults I - Theory</a>	6
NUR 3955 <a href="#">Nursing of Adults I-Practicum</a>	5
NUR 3956 <a href="#">Nursing of Adults II - Theory</a>	6
NUR 3957 <a href="#">Nursing of Adults II-Practicum</a>	5
NUR 4000 <a href="#">Chld-Bearg Family Hlth Nur Thry</a>	3
NUR 4002 <a href="#">Psychtrc-Mentl Hlth Nur Theory</a>	3
NUR 4003 <a href="#">Chld-Brg Fam&amp;Psy Hlth Nur Prac</a>	5
NUR 4010 <a href="#">Chld-Rearg&amp;Family Hlth Nur Thry</a>	3
NUR 4012 <a href="#">Commnty&amp;Family Health Nur Thry</a>	3
NUR 4013 <a href="#">Chld&amp;Fam,Commnty Hlth Nur Prac</a>	5
NUR 4391 <a href="#">Pathophysiology</a>	3
NUR 4848 <a href="#">Professional Nursing Role II</a>	3
NUR 4859 <a href="#">Prof Nursing Synthesis Intern</a>	8
NUR 4899 <a href="#">Prof Nursing Synthesis Theory</a>	4-5
NUR 4971 <a href="#">Nursing Research</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>80</b>

#### **Prerequisite Courses**

Course	Credits
BIO 2129 <a href="#">Human Anatomy &amp; Physiology</a>	5
BIO 2130 <a href="#">Human Anatomy &amp; Physiology</a>	5
BIO 3351 <a href="#">General Microbiology</a>	5
CHM 1211 <a href="#">General Chemistry I</a>	5
CHM 1330 <a href="#">Organic &amp; Biological Chemistry</a>	5
PSY 1180 <a href="#">Gen Psych:Individual in Growth</a>	5
PSY 2470 <a href="#">Life Span Developmental Psych</a>	5
BUS 2700 <a href="#">Statistics for Business &amp; Econ</a> (5)	5
MAT 1360 <a href="#">Introduction to Statistics</a> (5)	5

PSY 2360 <a href="#">Intro to Stats Soc &amp; Behav Sci</a> (5)	
SOC 2360 <a href="#">Intro to Stats Soc &amp; Behav Sci</a> (5)	
FCS 3340 <a href="#">Human Nutrition</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>45</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>125</b>

## LYDIA GREEN NURSING PROGRAM: R.N to B.S. DEGREE COMPLETION PROGRAM

Marston Hall  
206-281-2233  
[spu.edu/rnb](http://spu.edu/rnb)

**FACULTY:** [Vicki Aaberg](#), [Gaylene Altman](#), [Susan Casey](#), [Erla Champ-Gibson](#), [Mary Coucoules](#), [Kathy Fitzsimmons](#), [Chris Henshaw](#), [Lucille Kelley](#), [Jim Mitre](#), [Heidi Monroe](#), [Eileen Owen-Williams](#), [Carol Redfield](#), [Kathy Stetz](#)

Program Coordinator: [Kelly Marley](#)

For additional information about the School of Health Sciences, visit [Health Sciences](#).

### R.N. to B.S. Degree Completion Program

Registered nurses from diploma and associate degree programs who wish to complete a bachelor of science degree with a major in nursing:

- Contact the R.N. to B.S. office ([rnbinfo@spu.edu](mailto:rnbinfo@spu.edu)) to request the information/application packet.
- Send official or unofficial copies of transcripts to the R.N. to B.S. office for a preliminary evaluation.
- Make appointment with the director of the R.N. to B.S. program.
- Complete the [admission requirements](#) for acceptance to the R.N. to B.S. Degree Completion program.

Applicants are encouraged to get a direct transfer agreement associate degree (DTA) at a Washington community college in order to complete the general education requirements necessary for graduation from the University. The DTA degree must be completed prior to matriculation at SPU.

### Admission to the Major

Admission to the program is based upon the applicant's total profile.

- An earned diploma or associate degree in nursing from a state-approved or nationally accredited nursing program.
- Unencumbered Washington state R.N. license.
- Admission to the University is based upon a 2.5 cumulative GPA and to the School of Health Sciences is based upon 2.75 GPA in the natural and social sciences and nursing courses.
- No prerequisites required.
- Foreign language requirement waived.
- No time limit on previous coursework.

### Application for Admission

- Seattle Pacific University R.N. to B.S. Degree Completion program application
- \$50 application fee
- All official transcripts (includes high school and college/university)
- Professional recommendation form
- Personal recommendation form

Applications to the program are reviewed at any time. Call the R.N. to B.S. office at 206-281-2027 or 800-329-1141 (toll free), or email [rninfo@spu.edu](mailto:rninfo@spu.edu) to see when the next class starts and for the information application packet.

### **R.N. to B.S. Degree Completion**

The Academic and Student Affairs Committee evaluates applications on the basis of previous coursework and professional qualifications judged necessary for nursing. A minimum GPA of 2.75 in the natural and social-science prerequisite courses is expected.

The typical part-time, off-campus eight-quarter program of study is designed for the working registered nurse.

International students who are registered nurses in another country must pass the TOEFL (if English is not the first language) and the foreign nurse examination ([CGFNS](#)) prior to beginning coursework and in preparation to take the NCLEX-RN, if not currently licensed in the United States.

### **Requirements for the R.N. to B.S. Degree Completion**

Minimum of 180 credits, which include:

80 Nursing credits:

- 45 advanced placement credits granted for prior licensure exam (NCLEX-RN or State Board Test Pool Exam)
- 35 credits upper-division required nursing courses
- 5 credits in statistics

100 (minimum) General Education and Foundation credits:

- 10–15 credits in SPU Foundations
- General-education credits as outlined in [Curriculum for Special Programs](#)

General-education credits may be obtained at SPU, another college or university, or community college.

- Maximum of 90 credits can be transferred from a community college.
- At least 60 of the required 180 credits must be upper-division classes.
- At least 45 credits must be earned as a matriculated SPU student.
- Last 15 credits prior to degree completion must be earned through SPU.
- Satisfactory completion of nursing major.

After a transcript evaluation, an appropriate curriculum plan will be made in light of general education requirements, nursing practice, and individual needs.

### **Tuition Costs**

Tuition is offered at a special off-campus rate. Costs are subject to change by Seattle Pacific University at any time; tuition adjustment increases will be made each summer. Contact the R.N. to B.S. office for current tuition rate.

### **Scholarships and Loans**

Students who need financial assistance should contact the [Office of Student Financial Services](#). Students are encouraged to apply to local medical societies, nursing organizations such as the [Washington State Nurses Foundation](#), or community organizations such as Rotary.

Many hospitals offer tuition reimbursement programs. [Scholarship information is also available online](#) and in the scholarship notebook in School of Health Sciences. The School of Health Sciences has a number of endowed scholarships given every year through the generosity of foundations, alumni, and individuals.

Need to know when a non-nursing course is being offered? Check the [2011-12 Time Schedule](#).



**RN TO BS IN NURSING**

37 Credits Minimum, Including 37 Upper Division (UD)

Suggested Course Sequence

<b>R.N. to B.S. Degree Completion</b>	
<b>Course</b>	<b>Credits</b>
NUR 3050 <u>Prof Nursing Concepts:RN</u>	5
NUR 3947 <u>Family/Community Nursing:RN</u>	5
NUR 4051 <u>Professional Nursing Role:RN</u>	4
NUR 4860 <u>Prof Nur Sys Int: Prj Planning</u> (4) NUR 4861 <u>Prof Nur Syn Int: Impl &amp; Eval</u> (4)	4
NUR 4899 <u>Prof Nursing Synthesis Theory</u>	5
NUR 4944 <u>Health Care Delivery Models:RN</u>	3
NUR 4971 <u>Nursing Research</u>	2
HSC 4044 <u>Biomed Tests, Measrmts &amp; Stats</u>	5
<b>SECTION CREDITS REQUIRED</b>	<b>37</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>37</b>

## School of Psychology, Family, and Community

Marston Hall  
206-281-2918  
[spu.edu/depts/pfc/psych/](http://spu.edu/depts/pfc/psych/)

**Mícheál D. Roe**, Dean of the School of Psychology, Family, and Community

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, as well as for emotional and relational healing and health.

### **Rooted in Academic Discipline**

Fostering rigorous and creative learning environments, as well as contributing primary scholarship to the scientific study of psychological and social processes.

### **Committed to Service**

Grounding our learning community in the theory, research, and application of our disciplines in order to produce skilled graduates who can serve with character and competence in a broken world. Nurturing creative partnerships with our local community and beyond in order to serve in and learn from socially and culturally diverse settings.

### **Majors**

[B.A. in Psychology](#)

[B.S. in Psychology](#)

### **Minor**

[Psychology](#)

Need to know when a course is being offered? Check the [2011-12 Time Schedule](#).

## PSYCHOLOGY

Marston Hall  
206-281-2918  
[spu.edu/depts/spfc/](http://spu.edu/depts/spfc/)

**FACULTY:** [Lynette Bikos](#), [Amy Mezulis](#), [Jay Skidmore](#), [Dave Stewart](#), [John Thoburn](#), [Thomas Wall](#), [Marcia Webb](#), [Bev Wilson](#), [Margaret Brown](#), [Baine Craft](#), [Thane Erickson](#), [Paul Kim](#), [Ursula Krentz](#), [Kathy Lustyk](#), [Les Parrott](#), [Micheal Roe](#)

Learn more about the [School of Psychology, Family, and Community](#).

The science of psychology explores the nature and causes of behavior, feelings, and thoughts, as well as effective ways to maintain psychological and social health. Modern psychology constantly changes as discoveries reveal new understandings, new research possibilities, and new applications to the human condition.

Psychology provides an excellent background for careers in counseling, teaching, social service, medicine, nursing, law, business, pastoral ministry, and many other areas of work where interpersonal understanding and skills are needed. In fact, Seattle Pacific University's B.A. program allows students to obtain a double major, thereby broadening career opportunities.

Our more comprehensive B.S. program combines behavioral and natural sciences and is particularly relevant for students with interests in the more experimental and laboratory side of psychology. The B.S. program also prepares students for further study and careers in fields such as physiological psychology, health psychology, and behavioral medicine, and it is an effective major for pre-medicine students.

Seattle Pacific University's location in an urban area provides students with opportunities to gain field experiences in mental health clinics, social-service agencies, educational institutions, hospitals, and in the business world. An internship coordinator is available to ensure a match between preparation, abilities, and interests of the student and the demands of the field experience. Teaching assistantships, research assistantships, and less formal opportunities to work with psychology faculty on research projects are available to interested and qualified students.

The psychology program at SPU endeavors to accomplish four goals:

- To provide students with solid academic and experiential grounding in the theory, research, and practice of the field of psychology.
- To prepare and inspire able and motivated students to enter and contribute to the field of psychology.
- To nurture students toward valuing themselves and others as persons of worth, created in God's image.
- To empower students to act in this world. That is, actively celebrating God's human and non-human creation, actively showing mercy and compassion to the vulnerable, and actively challenging and changing aspects of society that deny or denigrate persons.

[Requirements for the B.A. in Psychology](#)

[Requirements for the B.S. in Psychology](#)

### Admission to the Major

To qualify for admission to the major, a student must have a 2.0 minimum GPA and apply through the Psychology Department after successfully completing PSY 1180 General Psychology. A student must complete the major requirements in effect when the student is admitted to the major.

Students completing a **major** or **minor** in psychology should note the following:

- Both Relationship Development I and II (PSY 1250 and 2250) must be successfully completed with a letter grade (not pass/no credit) if a student desires to apply these courses toward a psychology major or minor.
- Students must apply for and be accepted into the psychology major before registering for PSY 2360 Introduction to Statistics.
- Students registering late are not guaranteed space in any course, regardless of their class standing (e.g., graduating senior).

**B.A. IN PSYCHOLOGY**

62 Credits Minimum, Including 36 Upper Division (UD)

Suggested Course Sequence**General Core**

Course	Credits
PSY 1180 <a href="#">Gen Psych:Individual in Growth</a>	5
PSY 1200 <a href="#">Psychology as Vocation</a>	1
PSY 4688 <a href="#">History &amp; Systems of Psych</a>	5
PSY 4899 <a href="#">Senior Seminar in Psychology</a>	3
PSY 4940 <a href="#">Internship in Psychology</a> (3) PSY 4970 <a href="#">Independent Research</a> (3)	3
<b>SECTION CREDITS REQUIRED</b>	<b>17</b>

**Methods in Psychological Research**

Course	Credits
PSY 2360 <a href="#">Intro to Stats Soc &amp; Behav Sci</a>	5
PSY 3588 <a href="#">Psychological Research Methods</a>	5
PSY 4100 <a href="#">Lab in Human Social Behavior</a> (5) PSY 4101 <a href="#">Lab in Animal Behavior</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>

**Social Psychology**

Course	Credits
PSY 3438 <a href="#">Social Psychology</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>

**Cognitive Psychology**

Course	Credits
PSY 3700 <a href="#">Learning and Behavior</a> (5) PSY 3800 <a href="#">Cognitive Psychology</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>

**Physiological Basis of Behavior**

Course	Credits
PSY 4488 <a href="#">Physiological Psychology</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>

**Developmental Psychology**

Course	Credits
PSY 2470 <a href="#">Life Span Developmental Psych</a> (5) PSY 3460 <a href="#">Child Developmental Psychology</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>

**Clinical/Counseling-Related Areas of Psychology**

Course	Credits
PSY 3442 <a href="#">Psychology of Personality</a> (5) PSY 4460 <a href="#">Abnormal Psychology</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>

<b>Psychology Electives</b>	<b>5</b>	
<b>TOTAL CREDITS REQUIRED</b>	<b>62</b>	

### B.S. IN PSYCHOLOGY

88 Credits Minimum, Including 50 Upper Division (UD)

#### Suggested Course Sequence

<b>General Core</b>		
<b>Course</b>		<b>Credits</b>
PSY 1180 <a href="#">Gen Psych:Individual in Growth</a>		5
PSY 1200 <a href="#">Psychology as Vocation</a>		1
PSY 4688 <a href="#">History &amp; Systems of Psych</a>		5
PSY 4899 <a href="#">Senior Seminar in Psychology</a>		3
PSY 4940 <a href="#">Internship in Psychology</a> (3)		3
PSY 4970 <a href="#">Independent Research</a> (3)		
<b>SECTION CREDITS REQUIRED</b>		<b>17</b>
<b>Methods in Psychological Research</b>		
<b>Course</b>		<b>Credits</b>
PSY 2360 <a href="#">Intro to Stats Soc &amp; Behav Sci</a>		5
PSY 3588 <a href="#">Psychological Research Methods</a>		5
PSY 4428 <a href="#">Advanced Statistical Analysis</a>		5
PSY 4100 <a href="#">Lab in Human Social Behavior</a> (5)		5
PSY 4101 <a href="#">Lab in Animal Behavior</a> (5)		
<b>SECTION CREDITS REQUIRED</b>		<b>20</b>
<b>Social Psychology</b>		
<b>Course</b>		<b>Credits</b>
PSY 3438 <a href="#">Social Psychology</a>		5
<b>SECTION CREDITS REQUIRED</b>		<b>5</b>
<b>Cognitive Psychology</b>		
<b>Course</b>		<b>Credits</b>
PSY 3700 <a href="#">Learning and Behavior</a> (5)		5
PSY 3800 <a href="#">Cognitive Psychology</a> (5)		
<b>SECTION CREDITS REQUIRED</b>		<b>5</b>
<b>Physiological Basis of Behavior</b>		
<b>Course</b>		<b>Credits</b>
PSY 4488 <a href="#">Physiological Psychology</a>		5
<b>SECTION CREDITS REQUIRED</b>		<b>5</b>
<b>Developmental Psychology</b>		
<b>Course</b>		<b>Credits</b>
PSY 2470 <a href="#">Life Span Developmental Psych</a> (5)		5
PSY 3460 <a href="#">Child Developmental Psychology</a> (5)		
<b>SECTION CREDITS REQUIRED</b>		<b>5</b>

<b>Clinical/Counseling-Related Areas of Psychology</b>	
<b>Course</b>	<b>Credits</b>
PSY 3442 <a href="#">Psychology of Personality</a> (5) PSY 4460 <a href="#">Abnormal Psychology</a> (5)	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Natural Science and Human Behavior</b>	
<b>Course</b>	<b>Credits</b>
BIO 4418 <a href="#">Neurobiology</a> (5) FCS 3321 <a href="#">Nutrition through Life Cycle</a> (3) FCS 3340 <a href="#">Human Nutrition</a> (5) HSC 3035 <a href="#">Human Sexuality</a> (3) PSY 3700 <a href="#">Learning and Behavior</a> (5) PSY 3800 <a href="#">Cognitive Psychology</a> (5) PSY 4485 <a href="#">Psychobiology of Women</a> (5)	6
<b>SECTION CREDITS REQUIRED</b>	<b>6</b>
<b>Natural Science</b>	
<b>Course</b>	<b>Credits</b>
BIO 2129 <a href="#">Human Anatomy &amp; Physiology</a> (5) BIO 2130 <a href="#">Human Anatomy &amp; Physiology</a> (5)	10
CHM 1211 <a href="#">General Chemistry I</a> (5) CHM 1330 <a href="#">Organic &amp; Biological Chemistry</a> (5)	10
<b>SECTION CREDITS REQUIRED</b>	<b>20</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>88</b>

### PSYCHOLOGY MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

<b>Psychology Minor Core Requirement</b>	
<b>Course</b>	<b>Credits</b>
PSY 1180 <a href="#">Gen Psych:Individual in Growth</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Open Electives in Psychology (15 UD)</b>	<b>25</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

## School of Theology

Alexander Hall  
206-281-2342  
[spu.edu/depts/sot/](http://spu.edu/depts/sot/)

**Doug Strong**, Dean of the School of Theology

### Majors

[Educational Ministry](#)  
[Christian Theology](#)

### Minors

[Christian Scriptures](#)  
[Christian Spirituality](#)  
[Christian Theology](#)  
[Educational Ministry](#)  
[Global and Urban Ministry](#)  
[Reconciliation](#)  
[Youth Ministry](#)

[International Service Certificate](#)

The mission of the [School of Theology](#) at Seattle Pacific University is to educate and prepare all our students to engage the culture as thoughtful people. We seek to foster their intellectual, personal, and spiritual growth, and help them master those critical skills and multicultural sensitivities needed to understand Christian faith and translate it into practices that change the world.

The School of Theology (SOT) stands squarely in the Methodist heritage, and our courses are shaped by our commitment to the method of theological inquiry delineated by John Wesley, the founder of that tradition. According to that method, there are four sources of Christian truth that believers must consult:

- The Bible (which is preeminent among the four)
- Church tradition
- Human reason
- Their own personal experience of the Risen Christ

These sources are understood to be correlative and mutually corrective, and the adventure of theological inquiry consists precisely in listening attentively to the distinct but compatible contributions of each. It is our expectation that students who practice this method will come to an informed, confident, and deeply "owned" Christian faith.

The SOT serves all SPU students through courses meeting [University Foundations](#) requirements. These requirements, described elsewhere in this *Undergraduate Catalog*, introduce students to the biblical heritage and to the distinctive doctrines and practices of various strands within the historic Christian tradition.

We offer two majors: [educational ministry](#) and [Christian theology](#). Note that although they share a common core of courses (a fact that facilitates double-majoring), each also includes an array of specialized courses suitable to its distinctive focus.

We also offer [six minors](#):

- Christian Scriptures
- Christian spirituality
- Educational ministry
- Youth ministry
- Christian theology
- Global and urban ministry

A minor in one of these areas will enrich the Christian perspective of a student's chosen major and strengthen the connection

between one's faith and one's life in the workplace, home, church, and world.

Finally, we offer an International Service Certificate for those interested in living and working in multicultural settings.

### **Admission to Majors or Minors**

To qualify for a major in the School of Theology, students must have a cumulative GPA of 2.0 or higher in all previous college credits and have attained at least a B- grade in a University Foundations course.

A student must complete the major or minor requirements in effect when the student is admitted to the major or minor.

## **MAJORS**

### **Educational Ministry Major**

*Robert Drovdaahl ([bdrovdaahl@spu.edu](mailto:bdrovdaahl@spu.edu)), Contact*

The field of educational ministry, traditionally known as Christian education, is an interdisciplinary area addressing the question of how we facilitate spiritual development in persons. To answer this question, the field explores the foundational theological disciplines, the social sciences, and educational philosophy.

A major in educational ministry is recommended for students interested in spiritual development and the educational/equipping ministry of the church. It provides a pre-professional course of study within a liberal arts perspective for students pursuing full-time ministry in a church or parachurch setting.

Occupationally, educational ministry majors work within church and parachurch organizations. Possible church roles include director of Christian education, youth director, and children's director. Possible parachurch settings include student development, Christian service organizations, Christian camping, and curriculum design.

Some students also combine a major in educational ministry with education certification to prepare for [elementary school teaching](#). [Requirements for the Educational Ministry Major](#)

### **Christian Theology Major**

*Richard Steele ([rsteale@spu.edu](mailto:rsteale@spu.edu)), Contact*

As the study of Christian belief and practice with the goal of fostering faithful Christian life, theology is necessarily multidisciplinary. The Christian theology major is designed to cultivate an appreciation for how Scripture, tradition, reason, and experience rightly inform theological reflection.

The aim of this major within the liberal arts is to nurture those skills and capacities required of a thoughtful and articulate faith.

As a result of majoring in Christian theology, the student is well prepared for either the workplace or for graduate study in the humanities or the professions.

Besides enriching the student's life with God, this major also seeks to enhance the student's service to the church. [Requirements for the Christian Theology major](#)

## **MINORS**

### **Christian Scriptures Minor**

*Robert Wall ([rwall@spu.edu](mailto:rwall@spu.edu)), Contact*

The purpose of the Christian Scriptures minor is to lead students into more mature understanding of Scriptures' teaching about God. Not only is this minor designed to be intellectually invigorating, but each course also intends to relate Scripture to Christian formation in spiritually enriching and challenging ways.

Course by course, students will learn how to interpret Scripture with skill and grace, discovering the historical, literary, and theological aspects of different biblical writings and the practical implications of each for Christian faith and witness today. [Requirements for the Christian Scriptures minor](#)

### **Christian Spirituality Minor**

*Robert Drovdaahl ([bdrovdaahl@spu.edu](mailto:bdrovdaahl@spu.edu)), Contact*

The Christian spirituality minor provides a formal way for students to attend to their growth in Christian faith during the college



years.

The courses introduce students to the historical and theological foundations of Christian spirituality, teach students the practices that cultivate spiritual growth, and teach the dynamics and value of life together on the journey of faith. The program culminates with a pilgrimage journey.

[Requirements for the Christian Spirituality minor](#)

### **Christian Theology Minor**

*Richard Steele ([rsteele@spu.edu](mailto:rsteele@spu.edu)), Contact*

The Christian theology minor is intended for the student who wants to approach his or her major discipline from a perspective richly informed by the heritage of Christian thought and practice.

As such, the student is given as much leeway as possible in course selection, within the general parameters established by the School of Theology for balanced and responsible theological inquiry. [Requirements for the Christian Theology Minor](#)

### **Educational Ministry Minor**

*Robert Drovdahl ([bdrovdahl@spu.edu](mailto:bdrovdahl@spu.edu)), Contact*

Issues in spiritual development and the educational/equipping ministry of the church affect all Christians.

A minor in educational ministry provides an ideal program for exploring these issues and strengthening a student's ability to serve in present and future life roles: church leader or teacher, Christian parent, a profession that involves a helping relationship and other roles concerned with nurturing spiritual development. [Requirements for the Educational Ministry minor](#)

### **Global and Urban Ministry Minor**

*David Leong ([leongd@spu.edu](mailto:leongd@spu.edu)), Contact*

The global and urban ministry (GUM) minor serves students in all majors, equipping students to understand the theological and contextual realities of the world today, which is heavily urban and multiethnic. We strive to develop global Christians who will participate in God's transformation of the world.

This program offers a minor, an internship, and a certificate. The internship may be completed either through the course *Interpreting the City*, or through a minimum of six weeks spent in residence in an ethnic community overseas or locally, working on an academic project. For more information, contact the [School of Theology](#) at 206-281-2342.

In the term preceding the field experience, the student will enroll in 1 credit of independent study with a GUM professor to design the project.

Following the field experience, the student will enroll in 1 credit of independent study to write a paper summarizing the field research. An internship will earn 5 credits, including the independent study credits. [Requirements for the Global and Urban Ministry Minor](#)

### **Reconciliation Minor**

*Kerry Dearborn ([kdearbor@spu.edu](mailto:kdearbor@spu.edu)), Contact*

Reconciliation Studies courses are rooted in the affirmation that God is the reconciling one, and that God's work of reconciliation occurs in and through Christ and is worked out through God's people by power of the Holy Spirit. Reconciliation is worked out in contexts of cultural complexity and historical enmity. In order for God's people to be equipped to participate in God's work of reconciliation, it is essential to understand biblical and theological perspectives on reconciliation, as well as human cultural contexts and historical dividing walls. It is also vital for students to be involved in the work of reconciliation with experienced mentors.

The courses have been selected because they offer insights into the nature, contexts, and challenges of reconciliation and also equip students to participate in the work of reconciliation in their given field of study. [Requirements for the Reconciliation minor](#)

### **Youth Ministry Minor**

*Jeff Keuss ([keussj@spu.edu](mailto:keussj@spu.edu)), Contact*

Reaching today's youth with the Gospel requires dedicated, capable leadership. The minor prepares students for effective ministry by an education in the theological, relational, and programming foundations of youth ministry and training in skills for youth ministry. The minor culminates with an internship in a church or parachurch ministry. [Requirements for Youth Ministries minor](#)

### **Young Life Program**

Students may combine the youth ministry minor with a supervised internship with [Young Life](#). Interns may work toward full-time placement after college through Young Life's church partnership program or as full-time Young Life staff.

For more information, contact the [School of Theology](#) at 206-281-2342.

### **International Service Certificate**

This brief program offers useful training for students who hope to live and work multiculturally as Christians, but who cannot take enough courses to earn a minor in global and urban ministry.

Need to know when a course is being offered? Check the [2011-12 Time Schedule](#).

## **EDUCATIONAL MINISTRY MAJOR**

Alexander Hall  
206-281-2342  
[spu.edu/depts/sot/](http://spu.edu/depts/sot/)

**FACULTY:** [Brian Bantum](#), [Daniel Castelo](#), [Kerry Dearborn](#), [Bob Drov Dahl](#), [Nijay Gupta](#), [Jeff Keuss](#), [Sara Koenig](#), [Doug Koskela](#), [Mike Langford](#), [David Leong](#), [Jack Levison](#), [Bo Lim](#), [David Nienhuis](#), [Priscilla Pope-Levison](#), [Ed Smyth](#), [Frank Spina](#), [Rick Steele](#), [Doug Strong](#), [Laura Sweat](#), [Rob Wall](#)

### **Educational Ministry Major** **Robert Drov Dahl**, Contact

The field of educational ministry, traditionally known as Christian education, is an interdisciplinary area addressing the question of how we facilitate spiritual development in persons.

To answer this question, the field explores the foundational theological disciplines, the social sciences, and educational philosophy. A major in educational ministry is recommended for students interested in spiritual development and the educational/equipping ministry of the church. It provides a pre-professional course of study within a liberal arts perspective for students pursuing full-time ministry in a church or parachurch setting.

Occupationally, educational ministry majors work within church and parachurch organizations. Possible church roles include director of Christian education, youth director, and children's director. Possible parachurch settings include student development, Christian service organizations, Christian camping, and curriculum design.

Some students also combine a major in educational ministry with education certification to prepare for elementary school teaching.

### **Admission to Majors or Minors**

To qualify for a major in the School of Theology, students must have a cumulative GPA of 2.0 or higher in all previous college credits and have attained at least a B- grade in a University Foundations course.

### **Requirements for the Educational Ministry Major**

### **Requirements for the Educational Ministry Minor**

*Note: The requirements for the major are in addition to meeting the Foundations requirements.*

**EDUCATIONAL MINISTRY MAJOR**

59 Credits Minimum, Including 46 Upper Division (UD)

Suggested Course Sequence**Christian Heritage: Choose two from the following:**

Course	Credits
THEO 3301 <a href="#">Early &amp; Medieval Christianity</a> (5)	10
THEO 3302 <a href="#">Reformatn &amp; Modrn Christianity</a> (5)	
THEO 3303 <a href="#">Christianity in America</a> (5)	
THEO 3331 <a href="#">Women in Christianity</a> (5)	

**SECTION CREDITS REQUIRED 10****Christian Ministry**

Course	Credits
THEO 2710 <a href="#">Foundations for Educ Ministry</a>	5
THEO 2720 <a href="#">Curriculum and Instruction</a>	5
THEO 3710 <a href="#">Human Devlp &amp; Christian Faith</a>	5
THEO 3730 <a href="#">Theology&amp;Practice of Youth Min</a>	3
THEO 4720 <a href="#">Leadership in Ministry</a>	5
THEO 4731 <a href="#">Child Devlpmnt &amp; Educ Minstry</a>	3
THEO 4733 <a href="#">Adult Devlp &amp; Eductnl Ministry</a>	3
THEO 4899 <a href="#">Christian Theology Capstone</a>	2
THEO 4940 <a href="#">Internship</a>	3

**SECTION CREDITS REQUIRED 34****One Upper Division course in Christian Doctrine**

Course	Credits
THEO 3401 <a href="#">Exploring Christian Doctrine</a> (5)	5
THEO 4401 <a href="#">Representative Theologians</a> (5)	
THEO 4402 <a href="#">Wesleyan Theology</a> (5)	

**SECTION CREDITS REQUIRED 5****Select one of the pairings of courses below:**

Course	Credits
THEO 3110 <a href="#">Torah/Pentateuch: O.T. Gospel</a> (5)	10
THEO 3255 <a href="#">Biblical Texts: New Testament</a> (5)	
OR	
THEO 3110 <a href="#">Torah/Pentateuch: O.T. Gospel</a> (5)	10
THEO 3260 <a href="#">Biblical Topics</a> (5)	
OR	
THEO 3210 <a href="#">Four Gospels and One Jesus</a> (5)	10
THEO 3250 <a href="#">Biblical Texts:Old Testament</a> (5)	
OR	
THEO 3210 <a href="#">Four Gospels and One Jesus</a> (5)	10
THEO 3260 <a href="#">Biblical Topics</a> (5)	

**SECTION CREDITS REQUIRED 10****TOTAL CREDITS REQUIRED 59**

## CHRISTIAN THEOLOGY MAJOR

Alexander Hall  
206-281-2342  
[spu.edu/depts/sot/](http://spu.edu/depts/sot/)

**FACULTY:** [Brian Bantum](#), [Daniel Castelo](#), [Kerry Dearborn](#), [Bob Drov Dahl](#), [Nijay Gupta](#), [Jeff Keuss](#), [Sara Koenig](#), [Doug Koskela](#), [Mike Langford](#), [David Leong](#), [Jack Levison](#), [Bo Lim](#), [David Nienhuis](#), [Priscilla Pope-Levison](#), [Ed Smyth](#), [Frank Spina](#), [Rick Steele](#), [Doug Strong](#), [Laura Sweat](#), [Rob Wall](#)

**Christian Theology Major**  
**Richard Steele**, Contact

As the study of Christian belief and practice with the goal of fostering faithful Christian life, theology is necessarily multidisciplinary. The Christian theology major is designed to cultivate an appreciation for how Scripture, tradition, reason, and experience rightly inform theological reflection.

The aim of this major within the liberal arts is to nurture those skills and capacities required of a thoughtful and articulate faith. As a result of majoring in Christian theology, the student is well prepared either for the workplace or for graduate study in the humanities or the professions.

Besides enriching the student's life with God, this major also seeks to enhance the student's service to the church.

**Note:** For an overview of programs in the School of Theology, visit the [School of Theology](#) in this *Undergraduate Catalog*.

### **Requirements for the Christian Theology Major**

**Note:** *The requirements for the major are in addition to meeting the Foundations requirements.*

### **Requirements for the Christian Theology Minor**

The Christian theology minor is intended for the student who wants to approach his or her major discipline from a perspective richly informed by the heritage of Christian thought and practice. Assuch, the student is given as much leeway as possible in course selection, within the general parameters established by the School of Theology for balanced and responsible theological inquiry.

Christian theology minors must take at least 30 upper-division credits in addition to the University Foundations requirements. They must take 5 credits of Christian heritage, 10 credits of Christian doctrine, 5 credits of Christian ethics, and at least 20 credits of electives. Any course in heritage, doctrine, or ethics that are not already being counted toward the fulfillment of the program requirements may be taken as electives. Other acceptable courses are listed below.

9–10 credits of electives are required.

You may select any two additional 5-credit courses from those listed in the requirements or from the courses listed below:

THEO 3110 Torah/Pentateuch (5)  
THEO 3120 The Former Prophets (5)  
THEO 3130 Word as Witness: Israel's Prophets (5)  
THEO 3140 Biblical Wisdom (5)  
THEO 3210 Four Gospels and One Jesus (5)  
THEO 3220 Faith and Works: New Testament Letters (5)  
THEO 3240 The Book of Revelation (5)  
THEO 3601 Multiethnic Ministry (GUM) (3)  
THEO 3610 Living in Another Culture (3)  
THEO 3710 Human Development and Christian Faith (5)  
THEO 4000 From the Old Testament to the New (5)

THEO 4290 Biblical Theology (5)  
 THEO 4602 Issues in Latin American Christianity (GUM) (3)  
 THEO 4603 Issues in Asian/African Christianity (GUM) (3)  
 THEO 4610 World Religions (GUM) (3)  
 THEO 4900 Independent Study (4)  
 PHI 3801 C.S. Lewis and Values (3)  
 PHI 3900 Advanced Philosophy of Religion (5)  
 PSY 4402 Psychology of Religion (5)  
 SOC 4820 Sociology of Religion (5)  
 SOC 4910 Seminar: Sociology of the First Century Church (3)  
 SOC 4910 Seminar: Sociology of the New Testament (3)  
 TRE 4899 The Arts and Religious Experience (5)

### CHRISTIAN THEOLOGY MAJOR

55 Credits Minimum, Including 40 Upper Division (UD)

#### Suggested Course Sequence

#### Christian Scriptures

Course	Credits
THEO 3110 <a href="#">Torah/Pentateuch: O.T. Gospel</a> (5)	10
THEO 3255 <a href="#">Biblical Texts: New Testament</a> (5)	
OR	
THEO 3110 <a href="#">Torah/Pentateuch: O.T. Gospel</a> (5)	10
THEO 3260 <a href="#">Biblical Topics</a> (5)	
OR	
THEO 3210 <a href="#">Four Gospels and One Jesus</a> (5)	10
THEO 3250 <a href="#">Biblical Texts:Old Testament</a> (5)	
OR	
THEO 3210 <a href="#">Four Gospels and One Jesus</a> (5)	10
THEO 3260 <a href="#">Biblical Topics</a> (5)	
THEO 4100 <a href="#">Biblical Ethics</a> (5)	5
THEO 4290 <a href="#">Biblical Theology</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>

#### Christian Heritage

Course	Credits
THEO 3301 <a href="#">Early &amp; Medieval Christianity</a> (5)	10
THEO 3302 <a href="#">Reformatn &amp; Modrn Christianity</a> (5)	
THEO 3303 <a href="#">Christianity in America</a> (5)	
THEO 3331 <a href="#">Women in Christianity</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>

#### Christian Doctrine

Course	Credits
THEO 3401 <a href="#">Exploring Christian Doctrine</a>	5
THEO 4401 <a href="#">Representative Theologians</a> (5)	5
THEO 4402 <a href="#">Wesleyan Theology</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>

#### Christian Ethics

Course	Credits
PHI 1002 <a href="#">History of Ethics</a>	5
THEO 3501 <a href="#">Christian Ethics</a>	5

THEO 3510 <a href="#">Christianity and Society</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Christian Ministry</b>	
<b>Course</b>	<b>Credits</b>
THEO 2710 <a href="#">Foundations for Educ Ministry</a> (5)	5
THEO 3710 <a href="#">Human Devlp &amp; Christian Faith</a> (5)	5
THEO 3601 <a href="#">Multi-Ethnic Ministry</a> (3)	3
THEO 3640 <a href="#">Cross-Cultural Communication</a> (3)	3
THEO 4610 <a href="#">World Religions</a> (3)	3
<b>SECTION CREDITS REQUIRED</b>	<b>8</b>
<b>Philosophical Backgrounds</b>	
<b>Course</b>	<b>Credits</b>
PHI 1004 <a href="#">Survey of Western Philosophy</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Capstone</b>	
<b>Course</b>	<b>Credits</b>
THEO 4899 <a href="#">Christian Theology Capstone</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>2</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>55</b>

### CHRISTIAN SCRIPTURES MINOR

30 Credits Minimum, Including 15 Upper Division (UD)

<b>Christian Scriptures Minor Core Requirement</b>	
<b>Course</b>	<b>Credits</b>
UFDN 2000 <a href="#">Christian Scriptures</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>Core Courses</b>	
<b>Course</b>	<b>Credits</b>
THEO 3110 <a href="#">Torah/Pentateuch: O.T. Gospel</a>	5
THEO 3210 <a href="#">Four Gospels and One Jesus</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Select Two courses from the following</b>	

Course	Credits
THEO 3250 <a href="#">Biblical Texts:Old Testament</a> (5)	10
THEO 3255 <a href="#">Biblical Texts: New Testament</a> (5)	
THEO 3260 <a href="#">Biblical Topics</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>Select One course from the following</b>	
Course	Credits
THEO 4000 <a href="#">From Old Testament to the New</a> (5)	5
THEO 4100 <a href="#">Biblical Ethics</a> (5)	
THEO 4290 <a href="#">Biblical Theology</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

## RECONCILIATION MINOR

34 Credits Minimum, Including 18 Upper Division (UD)

<b>Core Courses</b>	
Course	Credits
THEO 2730 <a href="#">Intro: Christian Reconciliation</a>	5
SOC 3862 <a href="#">Race and Ethnicity</a> (5)	5
THEO 3510 <a href="#">Christianity and Society</a> (5)	
THEO 3401 <a href="#">Exploring Christian Doctrine</a>	5
ANT 2250 <a href="#">Cultural Anthropology</a> (5)	5
SOC 3215 <a href="#">Soc Inequality:Power &amp; Privlge</a> (5)	
THEO 3331 <a href="#">Women in Christianity</a> (5)	5
WST 2350 <a href="#">Introductn to Women's Studies</a> (5)	
THEO 4950 <a href="#">Special Topics</a>	3
<b>SECTION CREDITS REQUIRED</b>	<b>28</b>

<b>Contexts and Consequences of Reconciliation (3-5 credits)</b>	
<b>Course</b>	<b>Credits</b>
ENG 3381 <a href="#">Middle Eastern Literature</a> (5)	
ENG 3334 <a href="#">American Ethnic Literature</a> (5)	
GEO 3170 <a href="#">Geopolitics</a> (5)	
HIS 3730 <a href="#">Modern Middle East</a> (5)	
HIS 3750 <a href="#">Latin America</a> (5)	
HIS 3765 <a href="#">Traditional East Asia</a> (5)	
POL 3440 <a href="#">War, Peace &amp; World Order</a> (5)	
ART 3606 <a href="#">Cross-Cultural Encounters</a> (5)	
HUM 3000 <a href="#">Other People, Other Faiths</a> (5)	
MUS 4655 <a href="#">Context Studies in Music II</a> (3)	3
PSY 4410 <a href="#">Cross-Cultural Psychology</a> (5)	
SOC 2620 <a href="#">Urban Sociology</a> (5)	
SOC 3215 <a href="#">Soc Inequality:Power &amp; Prvlge</a> (5)	
THEO 3510 <a href="#">Christianity and Society</a> (5)	
EDU 2300 <a href="#">Diversity &amp; the Classroom</a> (3)	
FCS 3875 <a href="#">Appearance and Culture</a> (3)	
FCS 4350 <a href="#">Community Nutrition &amp;Education</a> (5)	
HSC 4700 <a href="#">Issues in Global Health</a> (3)	
PHY 3010 <a href="#">Contmpary lss in Physcl Sci Ed</a> (2)	
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>Practices of Reconciliation (3-5 credits)</b>	
<b>Course</b>	<b>Credits</b>
COM 3160 <a href="#">Conflict Management</a> (5)	
COM 4180 <a href="#">Cultural Communication</a> (5)	
ENG 3382 <a href="#">South African Lit &amp; Theater</a> (5)	
THEO 3601 <a href="#">Multi-Ethnic Ministry</a> (3)	
THEO 3610 <a href="#">Living in Another Culture</a> (3)	3
THEO 3630 <a href="#">Holistic Ministry</a> (3)	
THEO 3640 <a href="#">Cross-Cultural Communication</a> (3)	
ECN 3810 <a href="#">Community Economic Development</a> (5)	
THEO 3810 <a href="#">Community Economic Development</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>34</b>

### CHRISTIAN THEOLOGY MINOR

30 Credits Minimum, Including 30 Upper Division (UD)



**Christian Heritage**

Course	Credits
THEO 3301 <a href="#">Early &amp; Medieval Christianity</a> (5)	5
THEO 3302 <a href="#">Reformatn &amp; Modrn Christianity</a> (5)	
THEO 3303 <a href="#">Christianity in America</a> (5)	
THEO 3331 <a href="#">Women in Christianity</a> (5)	

<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
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**Christian Doctrine**

Course	Credits
THEO 3401 <a href="#">Exploring Christian Doctrine</a>	5
THEO 4401 <a href="#">Representative Theologians</a>	5

<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
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**Christian Ethics**

Course	Credits
PHI 3651 <a href="#">Contemporary Ethical Theory</a> (5)	5
THEO 3501 <a href="#">Christian Ethics</a> (5)	
THEO 3510 <a href="#">Christianity and Society</a> (5)	
THEO 4100 <a href="#">Biblical Ethics</a> (5)	

<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
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**Approved Electives (may also be selected from courses above)**

Course	Credits
THEO 3110 <a href="#">Torah/Pentateuch: O.T. Gospel</a> (5)	10
THEO 3210 <a href="#">Four Gospels and One Jesus</a> (5)	
THEO 3250 <a href="#">Biblical Texts:Old Testament</a> (5)	
THEO 3255 <a href="#">Biblical Texts: New Testament</a> (5)	
THEO 3260 <a href="#">Biblical Topics</a> (5)	
THEO 3403 <a href="#">Histry&amp;Theolgy Christn Worship</a> (3)	
THEO 3601 <a href="#">Multi-Ethnic Ministry</a> (3)	
THEO 3610 <a href="#">Living in Another Culture</a> (3)	
THEO 3710 <a href="#">Human Devlp &amp; Christian Faith</a> (5)	
THEO 4000 <a href="#">From Old Testament to the New</a> (5)	
THEO 4290 <a href="#">Biblical Theology</a> (5)	
THEO 4602 <a href="#">Latin American Christianity</a> (3)	
THEO 4603 <a href="#">Asian/African Christianity</a> (3)	

THEO 4610 <a href="#">World Religions</a> (3)	
THEO 4900 <a href="#">Independent Study</a> (4)	
PHI 3801 <a href="#">C.S.Lewis &amp; Values</a> (3)	
PHI 4898 <a href="#">Existence of God</a> (3)	
PHI 4899 <a href="#">Philosophical Theology</a> (3)	
PSY 4402 <a href="#">Psychology of Religion</a> (3)	
SOC 4820 <a href="#">Sociology of Religion</a> (5)	
SOC 4910 <a href="#">Seminar</a> (1-5)	
TRE 4899 <a href="#">Capstone:Art &amp; Religous Exprnc</a> (5)	
<b>SECTION CREDITS REQUIRED</b>	<b>10</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

### EDUCATIONAL MINISTRY MINOR

31 Credits Minimum, Including 16 Upper Division (UD)

<b>Educational Ministry Minor Core Requirements</b>	
<b>Course</b>	<b>Credits</b>
THEO 2710 <a href="#">Foundations for Educ Ministry</a>	5
THEO 2720 <a href="#">Curriculum and Instruction</a>	5
THEO 4720 <a href="#">Leadership in Ministry</a>	5
<b>SECTION CREDITS REQUIRED</b>	<b>15</b>
<b>Select Two from the following Age Level courses</b>	
<b>Course</b>	<b>Credits</b>
THEO 3730 <a href="#">Theology&amp;Practice of Youth Min</a> (3)	
THEO 4731 <a href="#">Child Devlpmnt &amp; Educ Minstry</a> (3)	6
THEO 4733 <a href="#">Adult Devlp &amp; Eductnl Ministry</a> (3)	
<b>SECTION CREDITS REQUIRED</b>	<b>6</b>
<b>Elective Coursework in Educational Ministry</b>	<b>5</b>
<b>One Course from Christian Doctrine Section</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>31</b>

**GLOBAL AND URBAN MINISTRY MINOR**

30 Credits Minimum, Including 15 Upper Division (UD)

**Global & Urban Ministry Minor Core Requirements**

Course	Credits
THEO 2620 <a href="#">Intro to Global &amp; Urban Mnstry</a>	5
THEO 3630 <a href="#">Holistic Ministry</a>	3
THEO 4610 <a href="#">World Religions</a>	3

<b>SECTION CREDITS REQUIRED</b>	<b>11</b>
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**Select One course from the following**

Course	Credits
THEO 3640 <a href="#">Cross-Cultural Communication</a> (3)	3
THEO 3610 <a href="#">Living in Another Culture</a> (3)	

<b>SECTION CREDITS REQUIRED</b>	<b>3</b>
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**Select Two courses from the following**

Course	Credits
THEO 3601 <a href="#">Multi-Ethnic Ministry</a> (3)	6
THEO 4602 <a href="#">Latin American Christianity</a> (3)	
THEO 4603 <a href="#">Asian/African Christianity</a> (3)	
ECN 3810 <a href="#">Community Economic Development</a> (5)	

<b>SECTION CREDITS REQUIRED</b>	<b>6</b>
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**Select One course from the following**

Course	Credits
THEO 4940 <a href="#">Internship</a> (1-15)	5
THEO 4620 <a href="#">Interpreting the City</a> (5)	

<b>SECTION CREDITS REQUIRED</b>	<b>5</b>
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<b>One elective course that incorporates GUM and your major</b>	<b>5</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>30</b>

### YOUTH MINISTRY MINOR

32 Credits Minimum, Including 15 Upper Division (UD)

<b>Youth Ministry Minor Core Requirements</b>	
<b>Course</b>	<b>Credits</b>
THEO 2710 <a href="#">Foundations for Educ Ministry</a>	5
THEO 3710 <a href="#">Human Devlp &amp; Christian Faith</a>	5
THEO 3715 <a href="#">Yth Cultures &amp; Christian Faith</a>	3
THEO 3730 <a href="#">Theology&amp;Practice of Youth Min</a>	3
THEO 3732 <a href="#">Current Issue in Youth Ministry</a>	3
THEO 3735 <a href="#">Youth Ministry:Mission &amp; Evangl</a>	3
THEO 4720 <a href="#">Leadership in Ministry</a>	5
THEO 4940 <a href="#">Internship</a>	2
<b>SECTION CREDITS REQUIRED</b>	<b>29</b>
<b>Electives Courses</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>32</b>

### COURSE DESCRIPTIONS:

[THEO 1201](#) | [THEO 1202](#) | [THEO 1203](#) | [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 3601](#) | [THEO 3610](#) | [THEO 3630](#) | [THEO 3640](#) | [THEO 3710](#) | [THEO 3715](#) | [THEO 3722](#) | [THEO 3730](#) | [THEO 3732](#) | [THEO 3733](#) | [THEO](#)

[3734](#) | [THEO 3735](#) | [THEO 3810](#) | [THEO 4000](#) | [THEO 4100](#) | [THEO 4290](#) | [THEO 4401](#) | [THEO 4402](#) | [THEO 4602](#) | [THEO 4603](#) | [THEO 4610](#) | [THEO 4620](#) | [THEO 4720](#) | [THEO 4731](#) | [THEO 4733](#) | [THEO 4735](#) | [THEO 4736](#) | [THEO 4899](#) | [THEO 4900](#) | [THEO 4930](#) | [THEO 4940](#) | [THEO 4950](#) | [VIEW ALL](#)

**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 2620: Intro to Global & Urban Mnstry (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.

**THEO 2710: Foundations for Educ 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: Curriculum and Instruction (5) [Offerings](#)**

Prerequisite: THEO 2710. 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.

**THEO 2721: Foundations of Spiritual Life (3) [Offerings](#)**

Students will identify key streams of Christian Spirituality through historical inquiry and practiced devotional exercises that nurture a critically imaginative relationship with God and neighbor.

**THEO 2730: Intro: 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, along with an exploration of the ethical implications of the doctrine, and a survey of the most prominent historical expressions of Christian reconciliation. It also helps students to understand the way in which reconciliation studies connect with SPU's mission, history and Wesleyan heritage. 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.

**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: Com Bible Stdy: I Corinthians (2) [Offerings](#)**

**THEO 3100: Com Bible Stdy: Joshua/Judges (2) [Offerings](#)**

**THEO 3100: Com Bible Stdy: Mark (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 not be used to satisfy School of Theology major or minor requirements. May be repeated for credit up to 18 credits.

Attributes: *Upper-Division*

**THEO 3110: Torah/Pentateuch: O.T. Gospel (5) [Offerings](#)**

Prerequisite: UFDN 2000 or 3001. 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*

**THEO 3210: Four Gospels & One Jesus-IS (5) [Offerings](#)**

**THEO 3210: Four Gospels and One Jesus (5) [Offerings](#)**

Prerequisite: UFDN 2000 or 3001. 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*

**THEO 3250: Biblical Texts: Kings (5) [Offerings](#)**

Prerequisite: UFDN 2000 or 3001. 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*

**THEO 3255: Bib Texts: Catholic Epistles (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*

**THEO 3260: Biblical Topics: Exile (5) Offerings**

**THEO 3260: Biblical Topics: Holy Spirit (5) Offerings**

Prerequisite: UFDN 2000. 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 Aprocryphal Books, and The Bible and Movies. May be repeated for credit 3 times.

Attributes: *Upper-Division*

**THEO 3301: Early & Medieval Christianity (5) Offerings**

A survey of Christianity from its post-apostolic origins to the end of the Middle Ages. Initially, evaluates the formation of orthodoxy, the challenge of heterodoxy, early monasticism, missions to Western Europe; then explores the achievement of the medieval Church through a study of the papacy, scholasticism, and the Crusades.

Cross-listed Courses: *HIS 3401* Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**THEO 3302: Reformatn & Modrn 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; to the colonization and evangelization of the Americas in the 16th and following centuries; to the rationalism, orthodoxy, and pietism of the 17th century; to the revivalism of the 18th century; to the historicism and liberalism in the 19th century; and to the emergence of neoorthodoxy, the ecumenical movement, and liberation theologies in the 20th century.

Cross-listed Courses: *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.

Cross-listed Courses: HIS 3406 Attributes: Upper-Division Restrictions: Freshman students are excluded.

**THEO 3305: Topics: Science & Reformation (3-5) [Offerings](#)**

Specific topics will vary. Past topics have included: "Western Spirituality" and "Religion and Politics in the Third Reich". May be repeated for credit up to 10 credits.

Cross-listed Courses: HIS 3405 Attributes: Upper-Division Restrictions: Freshman students are excluded.

**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 in the Christian tradition including 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: Christian Doctrine: Creation (5) [Offerings](#)**

**THEO 3401: Christian Doctrine: Holy Spirit (5) [Offerings](#)**

Prerequisite: UFDN 3100. 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*

**THEO 3403: History & Theology of Christian Worship (3) Offerings**

Prerequisite: UFDN 3100. 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*

**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! Course may not be used to satisfy School of Theology major or minor requirements. May be repeated for credit up to 18 credits.

Attributes: *Upper-Division*

**THEO 3501: Christian Ethics (5) Offerings**

Prerequisite: UFDN 3100. 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*

**THEO 3510: Christianity and Society (5) [Offerings](#)**

Prerequisite: UFDN 3100. 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.

Attributes: *Upper-Division*

**THEO 3601: Multi-Ethnic 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: *Upper-Division*

**THEO 3610: Living in Another Culture (3) [Offerings](#)**

**THEO 3610: Lvng in Another Cltre-SPRINT (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*

**THEO 3640: Cross-Cultural Communication (3) [Offerings](#)**

This course gives students tools for systematic analysis and theological critique of a culture and empathetic encounter with other peoples. The class will explore culturally contextualized community development, health care, agriculture, microbusiness, evangelism, leadership development, music, ethnotheology, and skills for coping with culture stress.

*[Attributes: Upper-Division](#)*

**THEO 3710: Human Devlp & 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: Yth Cultures & 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 how culture influences adolescent faith. Particular attention will be focused on popular culture, mass media, film and T.V.

*[Attributes: Upper-Division](#)*

**THEO 3722: Christian Dis: (2) [Offerings](#)**

**THEO 3722: Christian Dis: Bible Study Mth (2) [Offerings](#)**

**THEO 3722: Christian Dis: Spiritual Retrts (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 up to 8 credits.

*[Attributes: Upper-Division](#)*

**THEO 3730: Theology&Practice of Youth Min (3) [Offerings](#)**

This course addresses key ministry concerns in regard to logistics, planning, and programming for a balanced ministry to the whole church through the lives of youth. Emphasis will be placed on planning with diversity and/or special needs which arise within a ministry to youth and families.

*[Attributes:](#) Upper-Division*

**THEO 3732: Current Issue in Youth Minstry (3) [Offerings](#)**

This course presents a topical overview of contemporary issues that face ministry to youth and family from three angles; personal and systemic crises within the life of youth, families, and in the life of the person serving these communities.

*[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 Minstry:Mission & Evangl (3) [Offerings](#)**

Examines missions and evangelistic work in youth ministry. The course focuses on outreach to youth and with youth.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**THEO 3810: Community Economic Development (3) [Offerings](#)**

Prerequisite: THEO 2620. Investigates faith-based community economic development programs, such as those founded by John Perkins. Students will work on a small business project. Some sessions of this class will be held off campus in central Seattle.

Cross-listed Courses: *ECN 3810* Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**THEO 4000: From Old Testament to the New (5) [Offerings](#)**

Prerequisite: UFDN 2000 or 3001 and one 3000 level Scripture course. The Greco-Roman period proved vital to the formation of Judaism and the rise of Christianity. Students will study this extraordinary era to identify its pivotal historical events; to explore the innovative ways authors of important literary texts, such as the Dead Sea Scrolls, interpreted Israel's Scriptures; and to evaluate the significance of early Jewish writings, such as those found in the Old Testament Apocrypha, for understanding the New Testament and the emergence of Christianity.

Attributes: *Upper-Division*

**THEO 4100: Biblical Ethics (5) [Offerings](#)**

Prerequisite: UFDN 2000 or 3001. 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*

**THEO 4290: Biblical Theology (5) [Offerings](#)**

Prerequisite: UFDN 3100. 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

**THEO 4401: Theologians: Barth (5) Offerings**

Prerequisite: UFDN 3100. 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

**THEO 4402: Wesleyan Theology (5) Offerings**

Prerequisite: UFDN 3100. 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). Offered alternate years. It satisfies the THEO 4401 requirement for Christian Theology majors and minors.

Attributes: Upper-Division, Writing "W" Course

**THEO 4602: 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. Offered alternate years.

Attributes: *Upper-Division*

**THEO 4603: 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. Offered alternate years.

Attributes: *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](#)**

Prerequisites: THEO 2620 and THEO 3630, 3640, or 4610. 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*

**THEO 4720: Leadership in Ministry (5) [Offerings](#)**

Prerequisite: THEO 2710. 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, Writing "W" Course Restrictions: Freshman, Sophomore students are excluded.

**THEO 4731: Child Devlpmnt & Educ Minstry (3) [Offerings](#)**

Prerequisites: THEO 2710, 3710. 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

**THEO 4733: Adult Devlp & Eductnl Ministry (3) [Offerings](#)**

Prerequisites: THEO 2710, 2720, 3710. 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

**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 up to 9 credits.

Attributes: Upper-Division

**THEO 4899: Christian Theology Capstone (2-5) [Offerings](#)**

Incorporates the breadth of the theological disciplines and provides integration of themes from UFDN and UCOR 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. Senior students only.*

**THEO 4900: History of Theo Anthro- IS (1-5) [Offerings](#)**

**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 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 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. May be repeated for credit up to 15 credits.

Attributes: *Upper-Division*

**THEO 4950: Special Topics: Reconciliation (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*

## Common Curriculum Courses

### COURSE DESCRIPTIONS:

[UCOR 1000](#) | [UCOR 2000](#) | [UCOR 3000](#) | [UCOR 4930](#) | [VIEW ALL](#)

#### **UCOR 1000: Arts & Christian Community** (5) [Offerings](#)

This course considers the question "Who am I and for what have I been created?" Through examining literary and artistic works that have shaped cultures past and present, it explores how we are created to be unique persons and to be in community with others. Key themes are: artistic ways of knowing; individualism and conformity; and faith as a formative virtue.

Restrictions: *Freshman students only.*

#### **UCOR 2000: The West and the World** (5) [Offerings](#)

Considers the question "From where have we come and where are we going?" Explores the history of interaction between the West and the world from the dawn of the modern global age (about 1500) to the present. How has Western civilization been influenced by and influenced other cultures? Key themes are ideas, inventions, and systems of interaction. The virtue of hope motivates service as the Christian response to a constantly changing world.

Restrictions: *Freshman students are excluded.*

#### **UCOR 3000: Belief, Morality & Modern Mind** (5) [Offerings](#)

Prerequisite: UFDN 2000. This course considers the question "How do I know what is true and how should I act on that knowledge?" It explores questions about Christian faith and practice that arise from modern developments in philosophy and science. Key themes are authority, reason, personal meaning, ethics, and love as the Christian response to God's creation and humankind.

Attributes: *Upper-Division* Restrictions: *Junior, Senior students only.*

**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*

## COURSE DESCRIPTIONS:

[UFDN 1000](#) | [UFDN 2000](#) | [UFDN 3001](#) | [UFDN 3100](#) | [VIEW ALL](#)

**UFDN 1000: Christian Formation (5) [Offerings](#)**

**UFDN 1000: Christian Formation-UScholars (5) [Offerings](#)**

This course introduces the processes and practices of Christian formation, as reflected throughout the history of the Christian church. Christian life is formed by distinctive beliefs, practices, attitudes, and virtues. Every student, regardless of religious background, will engage texts, written and non-written, ancient and modern, that foster these characteristics of the Christian life.

Restrictions: *Freshman, Sophomore students only.*

**UFDN 2000: Christian Scriptures (5) [Offerings](#)**

Prerequisite: 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. Course cannot be taken for upper-division credit. May be repeated for credit 0 times.

Cross-listed Courses: *UFDN 3001* Restrictions: *Freshman students are excluded.*

**UFDN 3001: Christian Scriptures (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. (It is not intended for first-quarter students who have just completed the DTA associate degree through the Running Start Program.) 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.

Cross-listed Courses: *UFDN 2000* Attributes: *Upper-Division* Restrictions: *Junior, Post-Baccalaureate, Senior students only.*

**UFDN 3100: Christian Theology (5)** [Offerings](#)

**UFDN 3100: Christian Theology: Theo & Art (5)** [Offerings](#)

Prerequisite: UFDN 2000 or 3001. 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.*

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#### COURSE DESCRIPTIONS:

[USCH 1000](#) | [USCH 1111](#) | [USCH 1112](#) | [USCH 1113](#) | [USCH 1114](#) | [USCH 3910](#) | [USCH 4900](#) | [USCH 4910](#) | [USCH 4950](#) | [USCH 4960](#) | [USCH 4965](#) | [VIEW ALL](#)

**USCH 1000: University Scholars Seminar (5)** [Offerings](#)

Prerequisite: Admission to the University Scholars Program. This seminar introduces University Scholars to the liberal arts at a Christian University through an exploration of the motif of cultural encounters in world history. As an introduction to the University Scholars' program, the course will encourage students to consider encounters they will experience during their educational journey. Students will write, speak, practice critical thinking, participate in group projects, and use electronic and print learning resources. Open to University Scholars only.

Cross-listed Courses: *USEM 1000*

**USCH 1111: Texts and Contexts I (5) [Offerings](#)**

In order to consider the transition from a society based on honor to a society based on faith, this course will examine and discuss great works of ancient Greece and Rome in historical context, including Homer's Iliad, Thucydides' History of the Peloponnesian War, Plato's Republic, and Virgil's Aeneid. Open to University Scholars only.

**USCH 1112: Texts and Contexts II (5) [Offerings](#)**

Prerequisite: USCH 1111. Examines and discusses several texts from Medieval and Renaissance Europe in historical context, including Augustine's Confessions, Aquinas's Summa Theologica, Dante's Inferno, Shakespeare's Merchant of Venice, and Milton's Paradise Lost in order to investigate ways of knowing God, the nature of leadership, the methods of knowledge-making, and forgiveness. Open to University Scholars only.

**USCH 1113: Texts and Contexts III (5) [Offerings](#)**

Prerequisite: USCH 1112. Through the lens of four problems central to modernity - evil, violence, faith/reason, and the individual in society - examines and discusses several texts of the modern period, including Descartes' Meditations, Voltaire's Candide, Flaubert's Madame Bovary, and Dostoevsky's The Brothers Karamazov, together with selected works of music, visual art, and film. Open to University Scholars only.

**USCH 1114: Texts and Contexts IV (5) [Offerings](#)**

Prerequisite: USCH 1113. Examines globalization - - the increasingly intertwined cultural, political, and economic ties shaping the contemporary world community. This course will survey theories of globalization as well as its historical processes; its social, political, and environmental consequences; and its interrelationship with issues of faith. Open to University Scholars only.

**USCH 3910: Faith and Science I (5) [Offerings](#)**

Prerequisites: (PHY 1111 or 1101 or 1121), and CHM 1100, 1211, and 1212, and BIO 2101 2129. An exploration of the relationship of science, faith, and theology from the ancient world through the early 20th century, focusing on developments in physics and cosmology. Includes consideration of the question of origins. Open to University Scholars only.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**USCH 4900: Independent Study (1-5) [Offerings](#)**

Independent Study May be repeated for credit up to 15 credits.

Attributes: *Upper-Division*

**USCH 4910: Faith and Science II (5) [Offerings](#)**

Prerequisite: USCH 3910. An exploration of the relationship of science, faith, and theology in the modern period, focusing on developments in biology and the human sciences. Includes consideration of the question of origins. Open to University Scholars only.

Attributes: *Upper-Division* Restrictions: *Freshman students are excluded.*

**USCH 4950: Christianity and Scholarship (2) [Offerings](#)**

An exploration of several paradigms used to understand the relationship of Christian faith and scholarship, such as those articulated by Arthur Holmes, Mark Noll, and George Marsden. Includes writing a personal statement on the relationship of faith and scholarship and producing an approved prospectus for the honors project. Open to University Scholars only.

Attributes: *Upper-Division, Writing "W" Course*

**USCH 4960: Honors Project I (2) [Offerings](#)**

Prerequisite: USCH 4950. Students will produce an undergraduate research paper or creative piece that intersects within their faith and scholarship. Open to University Scholars only.

Attributes: *Upper-Division*

**USCH 4965: Honors Project II (2-4) [Offerings](#)**

Students will produce an undergraduate research paper or creative piece that intersects their faith and scholarship. A maximum of 4 credits is allowed in

Honors Project I and/or II. Open to University Scholars Only.

Attributes: *Upper-Division, Writing "W" Course*

**COURSE DESCRIPTIONS:**

[USEM 1000](#) | [USEM 3000](#) | [USEM 4930](#) | [VIEW ALL](#)

**USEM 1000: University Seminar (5) [Offerings](#)**

This seminar introduces first-year college students to the liberal arts at a Christian university through the investigation of a special topic. Students will write, speak, and practice critical thinking, participate in group projects, and use electronic and print learning resources. As an introduction to university life, the seminar helps students explore the meaning of Christian vocation and develop a love of learning. Seminar instructors will serve as faculty advisor to students in their seminar through the freshman year. Descriptions of particular seminars are available in the yearly class schedule.

Restrictions: *Freshman students only.*

**USEM 3000: University Seminar (5) [Offerings](#)**

This seminar introduces professional studies program students to the liberal arts at a Christian university through the investigation of a special topic. Students will write, speak, and practice critical thinking, participate in group projects, and use electronic and print learning resources. As an introduction to university life, the seminar helps students explore the meaning of Christian vocation and develop a love of learning.

**USEM 4930: Practicum: Mentoring Freshmen (1-5) [Offerings](#)**

Serve as a mentor to freshmen in a University Seminar class under the direction of faculty. May be repeated for credit up to 12 credits.



Attributes: *Upper-Division* Restrictions: *Freshman, Sophomore students are excluded.*



## 2011-2012 Undergraduate Time Schedule

<a href="#">Accounting</a>	<a href="#">European Studies</a>	<a href="#">Physics</a>
<a href="#">Art</a>	<a href="#">Family Consumer Science</a>	<a href="#">Political Science</a>
<a href="#">Biology</a>	<a href="#">French</a>	<a href="#">PreProfessional Health Science</a>
<a href="#">Business</a>	<a href="#">General Studies</a>	<a href="#">Psychology</a>
<a href="#">Chemistry</a>	<a href="#">Geography</a>	<a href="#">Russian</a>
<a href="#">Classics</a>	<a href="#">German</a>	<a href="#">Sociology</a>
<a href="#">Communication</a>	<a href="#">Greek</a>	<a href="#">Sociology-Anthropology</a>
<a href="#">Computer Engineering</a>	<a href="#">Health Sciences</a>	<a href="#">Spanish</a>
<a href="#">Computer Science</a>	<a href="#">History</a>	<a href="#">Theatre</a>
<a href="#">Economics</a>	<a href="#">Humanities</a>	<a href="#">Theology</a>
<a href="#">Education (EDU)</a>	<a href="#">Italian</a>	<a href="#">University Core</a>
<a href="#">Education: Mathematics</a>	<a href="#">Journalism</a>	<a href="#">University Foundations</a>
<a href="#">Education: Reading</a>	<a href="#">Latin</a>	<a href="#">University Scholars</a>
<a href="#">Education: Science</a>	<a href="#">Linguistics</a>	<a href="#">University Seminar</a>
<a href="#">Education: Special (EDSP)</a>	<a href="#">Mathematics</a>	<a href="#">Women's Studies</a>
<a href="#">Education: Technology</a>	<a href="#">Music</a>	
<a href="#">Electrical Engineering</a>	<a href="#">Nursing</a>	
<a href="#">Engineering Science</a>	<a href="#">Philosophy</a>	
<a href="#">English</a>	<a href="#">Physical Educ and Exercise Sci</a>	

### Time Schedule Features:

 - Click to add the class schedule to your Outlook calendar.  - **Textbooks** - to view/buy a textbook, find the class and then click on the book icon. A new browser window will appear and you will see the books needed for the class. You may also buy them on-line from the SPU bookstore.

- 2011-12 Academic Year Classes Will Be Posted on March 31, 2011.
- [2011 Summer Courses](#)
- [2011 Summer Tuition Rates](#)

[More information](#) on how to read the *Time Schedule*. Click on the subject code to view the description and a listing of all sections that are scheduled for each course during the year. This information is updated nightly.

## Summer Class List

[Sociology-Anthropology](#) | [Art](#) | [Biology](#) | [Business](#) | [Communication](#) | [Economics](#) | [Education \(EDU\)](#) | [English](#) | [Family Consumer Science](#) | [History](#) | [Linguistics](#) | [Mathematics](#) | [Music](#) | [Physics](#) | [Political Science](#) | [Psychology](#) | [Sociology](#) | [Theology](#) | [Theatre](#) | [University Core](#) | [University Foundations](#) | [University Scholars](#) | [VIEW ALL](#)

### Summer 2011 Sociology-Anthropology Courses

CRN	Course	Course Title	Credits	Instructor	Open
60357	ANT 2250	<a href="#">Cultural Anthropology</a>	5	Kevin Neuhouser	6 open seats

### Summer 2011 Art Courses

CRN	Course	Course Title	Credits	Instructor	Open
60115	ART 2602	<a href="#">West Trad I: Ancient&amp;Medvl Art</a>	5	Katie Kresser	2 open seats
60116	ART 2603	<a href="#">West Trad II: Art since Renssnc</a>	5	Katie Kresser	2 open seats
61154	ART 3612	<a href="#">Urban Spaces of Rome</a>	5	Katie Kresser	4 open seats
61155	ART 3613	<a href="#">Roman Church Architecture</a>	5	Katie Kresser	7 open seats
60114	ART 4943	<a href="#">Art Internship</a>	1-5	Karen Gutowsky-Zimmerman	12 open seats

### Summer 2011 Biology Courses

CRN	Course	Course Title	Credits	Instructor	Open
60324	BIO 1100	<a href="#">Bio Science: Marine Biology</a>	5	Rick Ridgway	6 open seats
60322	BIO 2129	<a href="#">Human Anatomy &amp; Physiology</a>	5	Ken Moore	6 open seats
60323	BIO 2130	<a href="#">Human Anatomy &amp; Physiology</a>	5	Ken Moore	6 open seats
60325	BIO 4256	<a href="#">Environmental Physiology</a>	5	Cara Wall-Scheffler	1 waitlisted
61184	BIO 4360	<a href="#">Biostatistics</a>	5	Eric Long	7 open seats
60326	BIO 4810	<a href="#">Marine Ecology</a>	5	William Whitlow	1 open seats
60327	BIO 4825	<a href="#">Forest Ecology</a>	5	Eric Long	3 open seats
61158	BIO 4979	<a href="#">Biological Research</a>	1-4	Eric Long	5 open seats

<b>Summer 2011 Business Courses</b>					
CRN	Course	Course Title	Credits	Instructor	Open
60330	BUS 2414	<a href="#"><u>Legal Environment of Business</u></a>	5	Grant Learned	29 open seats
60315	BUS 2910	<a href="#"><u>Internship &amp; Career Strategies</u></a>	1	Christina McCracken	27 open seats
60110	BUS 3250	<a href="#"><u>Business Finance</u></a>	5	Dan Hess	32 open seats
60111	BUS 3541	<a href="#"><u>Marketing &amp; Society</u></a>	5	Regina Schlee	24 open seats
61061	BUS 3830	<a href="#"><u>Int'l Business Seminar-China</u></a>	3	Ryan LaBrie	14 open seats
60316	BUS 4942	<a href="#"><u>Internship Reflectn&amp;Prof Devlp</u></a>	1	Christina McCracken	24 open seats
<b>Summer 2011 Communication Courses</b>					
CRN	Course	Course Title	Credits	Instructor	Open
60089	COM 1101	<a href="#"><u>Intro to Interpersonal Commun</u></a>	5	Debbie Pope	27 open seats
<b>Summer 2011 Economics Courses</b>					
CRN	Course	Course Title	Credits	Instructor	Open
60113	ECN 2101	<a href="#"><u>Principles of Microeconomics</u></a>	5	Geri Mason	39 open seats
<b>Summer 2011 Education (EDU) Courses</b>					
CRN	Course	Course Title	Credits	Instructor	Open
60056	EDU 3942	<a href="#"><u>September Experience</u></a>	1	TBA Staff	143 open seats
<b>Summer 2011 English Courses</b>					
CRN	Course	Course Title	Credits	Instructor	Open
60109	ENG 3382	<a href="#"><u>South African Lit &amp; Theater</u></a>	5	Kimberly Segall	6 open seats
60108	ENG 4953	<a href="#"><u>Writng Workshop:Special Topics</u></a>	5	Kimberly Segall	6 open seats
60886	ENG 4953	<a href="#"><u>Writng Workshop:Special Topics</u></a>	5	Jennifer Maier	8 open seats
60885	ENG 4954	<a href="#"><u>Top:The Eternal City Art/Lit</u></a>	5	Jennifer Maier	7 open seats

<b>Summer 2011 Family Consumer Science Courses</b>					
CRN	Course	Course Title	Credits	Instructor	Open
60074	FCS 1050	<a href="#"><u>Introduction to FCS</u></a>	2	Sharleen Kato	11 open seats
60076	FCS 3710	<a href="#"><u>Family Housing</u></a>	5	Sandra Hartje	12 open seats
60085	FCS 3870	<a href="#"><u>History of Costume</u></a>	5	Raedene Copeland	13 open seats
60083	FCS 3875	<a href="#"><u>Appearance and Culture</u></a>	3	Jaeil Lee	5 open seats
60084	FCS 4940	<a href="#"><u>Internship</u></a>	1-10	TBA Staff	-
<b>Summer 2011 History Courses</b>					
CRN	Course	Course Title	Credits	Instructor	Open
60107	HIS 3356	<a href="#"><u>The Holocaust</u></a>	5	Heath Spencer	14 open seats
60106	HIS 4600	<a href="#"><u>Pacific Northwest Sen Tutorial</u></a>	5	Bill Woodward	16 open seats
<b>Summer 2011 Linguistics Courses</b>					
CRN	Course	Course Title	Credits	Instructor	Open
60981	LIN 2100	<a href="#"><u>Foundations of Language Study</u></a>	5	Kathryn Bartholomew	994 open seats
<b>Summer 2011 Mathematics Courses</b>					
CRN	Course	Course Title	Credits	Instructor	Open
60219	MAT 1360	<a href="#"><u>Introduction to Statistics</u></a>	5	Steve Johnson	26 open seats
60218	MAT 1521	<a href="#"><u>Intro:Contemporary Mathematics</u></a>	5	Steve Johnson	22 open seats
<b>Summer 2011 Music Courses</b>					
CRN	Course	Course Title	Credits	Instructor	Open
60337	MUS 1600	<a href="#"><u>Exploring &amp; Understanding Mus</u></a>	5	Julie Kae Sigars	15 open seats
60275	MUS 2201	<a href="#"><u>Indiv Instr-Flute Music Majors</u></a>	1-2	Sandra Saathoff	10 open seats
60274	MUS 2201	<a href="#"><u>Individual Instruction-Flute</u></a>	1-2	Sandra Saathoff	10 open seats

60881	MUS 2202	<a href="#"><u>Indiv Instr-Oboe Music Majors</u></a>	1-2	Brent Hages	10 open seats
60880	MUS 2202	<a href="#"><u>Individual Instruction-Oboe</u></a>	1-2	Brent Hages	10 open seats
60278	MUS 2204	<a href="#"><u>Indiv Instr-Bassoon Mus Majors</u></a>	1-2	Francine Peterson	10 open seats
60277	MUS 2204	<a href="#"><u>Individual Instructn-Bassoon</u></a>	1-2	Francine Peterson	10 open seats
60281	MUS 2207	<a href="#"><u>Indiv Instr-Trombone Mus Major</u></a>	1-2	William Park	10 open seats
60280	MUS 2207	<a href="#"><u>Individual Instructn-Trombone</u></a>	1-2	William Park	10 open seats
60284	MUS 2208	<a href="#"><u>Indiv Instr-Baritone Mus Major</u></a>	1-2	William Park	10 open seats
60283	MUS 2208	<a href="#"><u>Individual Instructn-Baritone</u></a>	1-2	William Park	10 open seats
60287	MUS 2209	<a href="#"><u>Indiv Instr-Tuba Music Majors</u></a>	1-2	Christopher Olka	10 open seats
60286	MUS 2209	<a href="#"><u>Individual Instruction-Tuba</u></a>	1-2	Christopher Olka	10 open seats
60290	MUS 2210	<a href="#"><u>Indiv Instr-Percussion Mus Mjr</u></a>	1-2	Dan Adams	10 open seats
60289	MUS 2210	<a href="#"><u>Individual Instr-Percussion</u></a>	1-2	Dan Adams	10 open seats
60269	MUS 2211	<a href="#"><u>Indiv Instr-Violin Mus Majors</u></a>	1-2	Kimberly Zabelle	10 open seats
60268	MUS 2211	<a href="#"><u>Individual Instruction-Violin</u></a>	1-2	Kimberly Zabelle	10 open seats
60272	MUS 2212	<a href="#"><u>Indiv Instr-Viola Music Majors</u></a>	1-2	Kimberly Zabelle	10 open seats
60271	MUS 2212	<a href="#"><u>Individual Instruction-Viola</u></a>	1-2	Kimberly Zabelle	10 open seats
60293	MUS 2213	<a href="#"><u>Indiv Instr-Violoncello Mus Mj</u></a>	1-2	Meg Brennand	10 open seats
60292	MUS 2213	<a href="#"><u>Individual Instr-Violoncello</u></a>	1-2	Meg Brennand	10 open seats
60266	MUS 2214	<a href="#"><u>Indiv Instr-Double Bass Mus Mj</u></a>	1-2	Todd Gowers	10 open seats
60259	MUS 2214	<a href="#"><u>Individual Instr-Double Bass</u></a>	1-2	Todd Gowers	10 open seats
60265	MUS 2215	<a href="#"><u>Indiv Instr-Harp Music Majors</u></a>	1-2	Susanne Hussong	10 open seats
60257	MUS 2215	<a href="#"><u>Individual Instruction-Harp</u></a>	1-2	Susanne Hussong	10 open seats
60296	MUS 2217	<a href="#"><u>Indiv Instr-Piano Music Majors</u></a>	1-2	Robert Swan	9 open seats

60295	MUS 2217	<a href="#"><u>Individual Instruction-Piano</u></a>	1-2	Robert Swan	10 open seats
60299	MUS 2219	<a href="#"><u>Indiv Instr-Voice Music Majors</u></a>	1-2	Catherine Haight	10 open seats
60302	MUS 2219	<a href="#"><u>Indiv Instr-Voice Music Majors</u></a>	1-2	Jacinta McLachlan	10 open seats
61076	MUS 2219	<a href="#"><u>Indiv Instr-Voice Music Majors</u></a>	1-2	Cherie Hughes	9 open seats
61086	MUS 2219	<a href="#"><u>Indiv Instr-Voice Music Majors</u></a>	1-2	Bernard Kwiram	10 open seats
60298	MUS 2219	<a href="#"><u>Individual Instruction-Voice</u></a>	1-2	Catherine Haight	9 open seats
60301	MUS 2219	<a href="#"><u>Individual Instruction-Voice</u></a>	1-2	Jacinta McLachlan	10 open seats
61075	MUS 2219	<a href="#"><u>Individual Instruction-Voice</u></a>	1-2	Cherie Hughes	10 open seats
61085	MUS 2219	<a href="#"><u>Individual Instruction-Voice</u></a>	1-2	Bernard Kwiram	10 open seats
60305	MUS 2223	<a href="#"><u>Ind Instr-Jazz Guitar Mus Mjr</u></a>	1-2	Julian Catford	10 open seats
60304	MUS 2223	<a href="#"><u>Individual Instr-Jazz Guitar</u></a>	1-2	Julian Catford	10 open seats
60308	MUS 2224	<a href="#"><u>Indiv Instr-Jazz Piano Mus Mjr</u></a>	1-2	Daniel Kramlich	10 open seats
60307	MUS 2224	<a href="#"><u>Individual Instr-Jazz Piano</u></a>	1-2	Daniel Kramlich	10 open seats
60267	MUS 3309	<a href="#"><u>Music Technology Applications</u></a>	1-3	Ronald Haight	10 open seats
60252	MUS 3501	<a href="#"><u>Elementary Music Education</u></a>	3	Ramona Holmes	18 open seats
60276	MUS 4201	<a href="#"><u>Individual Instruction-Flute</u></a>	1-2	Sandra Saathoff	10 open seats
60882	MUS 4202	<a href="#"><u>Individual Instruction-Oboe</u></a>	1-2	Brent Hages	10 open seats
60279	MUS 4204	<a href="#"><u>Individual Instruction-Bassoon</u></a>	1-2	Francine Peterson	10 open seats
60282	MUS 4207	<a href="#"><u>Individual Instructn-Trombone</u></a>	1-2	William Park	10 open seats
60285	MUS 4208	<a href="#"><u>Individual Instructn-Baritone</u></a>	1-2	William Park	10 open seats
60288	MUS 4209	<a href="#"><u>Individual Instruction-Tuba</u></a>	1-2	Christopher Olka	10 open seats
60291	MUS 4210	<a href="#"><u>Individual Instr-Percussion</u></a>	1-2	Dan Adams	10 open seats
60270	MUS 4211	<a href="#"><u>Individual Instruction-Violin</u></a>	1-2	Kimberly Zabelle	10 open seats

60273	MUS 4212	<a href="#">Individual Instruction-Viola</a>	1-2	Kimberly Zabelle	10 open seats
60294	MUS 4213	<a href="#">Individual Instr-Violoncello</a>	1-2	Meg Brennand	10 open seats
60260	MUS 4214	<a href="#">Individual Instr-Double Bass</a>	1-2	Todd Gowers	10 open seats
60258	MUS 4215	<a href="#">Individual Instruction-Harp</a>	1-2	Susanne Hussong	10 open seats
60297	MUS 4217	<a href="#">Individual Instruction-Piano</a>	1-2	Robert Swan	10 open seats
60300	MUS 4219	<a href="#">Individual Instruction-Voice</a>	1-2	Catherine Haight	10 open seats
60303	MUS 4219	<a href="#">Individual Instruction-Voice</a>	1-2	Jacinta McLachlan	10 open seats
61077	MUS 4219	<a href="#">Individual Instruction-Voice</a>	1-2	Cherie Hughes	10 open seats
61087	MUS 4219	<a href="#">Individual Instruction-Voice</a>	1-2	Bernard Kwiram	10 open seats
60306	MUS 4223	<a href="#">Individual Instr-Jazz Guitar</a>	1-2	Julian Catford	10 open seats
60309	MUS 4224	<a href="#">Individual Instr-Jazz Piano</a>	1-2	Daniel Kramlich	10 open seats
60251	MUS 4950	<a href="#">Special Topics in Music</a>	1-5	Ramona Holmes	10 open seats
60253	MUS 4960	<a href="#">Special Projects in Music</a>	1-5	Gerry Marsh	9 open seats
60254	MUS 4960	<a href="#">Special Projects in Music</a>	1-5	Ramona Holmes	10 open seats

**Summer 2011 Physics Courses**

CRN	Course	Course Title	Credits	Instructor	Open
60314	PHY 1135	<a href="#">Astronomy:Individual &amp; Univers</a>	5	John Lindberg	11 open seats

**Summer 2011 Political Science Courses**

CRN	Course	Course Title	Credits	Instructor	Open
60625	POL 3780	<a href="#">Law &amp; Society</a>	5	Caleb Henry	20 open seats

**Summer 2011 Psychology Courses**

CRN	Course	Course Title	Credits	Instructor	Open
60057	PSY 1180	<a href="#">Gen Psych:Individual in Growth</a>	5	Baine Craft	29 open seats

60058	PSY 2360	<a href="#">Intro to Stats Soc &amp; Behav Sci</a>	5	Baine Craft	27 open seats
60060	PSY 2361	<a href="#">Research Experience in Psych</a>	1-3	Baine Craft	20 open seats
60061	PSY 4900	<a href="#">Independent Study</a>	1-5	TBA Staff	-
60062	PSY 4940	<a href="#">Internship in Psychology</a>	1-5	Thane Erickson	16 open seats
60063	PSY 4970	<a href="#">Independent Research</a>	1-3	Baine Craft	20 open seats

#### Summer 2011 Sociology Courses

CRN	Course	Course Title	Credits	Instructor	Open
60059	SOC 2360	<a href="#">Intro to Stats Soc &amp; Behav Sci</a>	5	Baine Craft	27 open seats
60358	SOC 4910	<a href="#">Seminar: Community Development</a>	1-5	Kevin Neuhouser	6 open seats

#### Summer 2011 Theology Courses

CRN	Course	Course Title	Credits	Instructor	Open
60342	THEO 4900	<a href="#">Independent Study</a>	1-5	TBA Staff	-
60343	THEO 4940	<a href="#">Internship</a>	1-15	TBA Staff	-
61144	THEO 4940	<a href="#">Internship</a>	1-15	Bob Drov Dahl	0 waitlisted

#### Summer 2011 Theatre Courses

CRN	Course	Course Title	Credits	Instructor	Open
60064	TRE 3800	<a href="#">Theatre Education</a>	3	Andrew Ryder	21 open seats

#### Summer 2011 University Core Courses

CRN	Course	Course Title	Credits	Instructor	Open
60073	UCOR 3000	<a href="#">Belief, Morality &amp; Modern Mind</a>	5	Patrick McDonald	19 open seats

#### Summer 2011 University Foundations Courses

CRN	Course	Course Title	Credits	Instructor	Open
60344	UFDN 2000	<a href="#">Christian Scriptures</a>	5	David Nienhuis	33 open seats



60345	UFDN 3001	<a href="#">Christian Scriptures</a>	5	Bo Lim	33 open seats
60346	UFDN 3100	<a href="#">Christian Theology</a>	5	Daniel Castelo	11 open seats
<b>Summer 2011 University Scholars Courses</b>					
CRN	Course	Course Title	Credits	Instructor	Open
60067	USCH 4960	<a href="#">Honors Project I</a>	2	Luke Reinsma	10 open seats
60068	USCH 4960	<a href="#">Honors Project I</a>	2	Luke Reinsma	10 open seats
60070	USCH 4965	<a href="#">Honors Project II</a>	2-4	Luke Reinsma	10 open seats
60071	USCH 4965	<a href="#">Honors Project II</a>	2-4	Luke Reinsma	10 open seats

## Tuition Rates

**Undergraduate Tuition Rate:** All courses \$595 (per credit)

### Graduate Tuition Rates:

#### College of Arts and Sciences (per credit)

M.A.-TESOL: \$529

MFA: \$471

#### School of Business and Economics (per credit)

MBA: \$726

M.S.-ISM: \$726

MA-Social & Sustainable Management: \$689

#### School of Education (per credit)

ED-Graduate: \$529

ED-Counseling: \$529

ED-Admin: \$625

ED-Doctoral: \$670

#### School of Health Science (per credit)

NUR (includes NUR-NP): \$621

#### School of Psychology, Family and Community (per credit)

MFT (includes MDFT certificate): \$616

ORG-Graduate: \$616

ORG-Doctoral: \$665

CPY-Doctoral: \$673

#### School of Theology (per credit)

Divinity: \$452

Theology: \$452

Important Summer Information:

- Get a jump on summer. Review the Undergraduate and Graduate [Summer Descriptions and Offerings](#).
- Mark your calendar now with [Important Dates](#) for the Summer Session.
- Summer registration starts April 15. See [Registration Information](#).
- Plan ahead, and find out the [Tuition Rates](#) for Summer Session, or the [Summer Refund Schedule and Withdrawal Policy](#).
- Wondering the summer hours for the library or the SUB? Check them out plus more on the [Summer Facts](#) page.
- Back to [Summer Home page](#).

## Important Dates and Schedules

Summer registration begins	Thu., April 15
First four-week session begins	Mon., June 13
First four-week <a href="#">School of Education</a> graduate session begins	Mon., June 27
<i>Independence Day ( Holiday ): No Classes</i>	<i>Mon., July 4</i>
Last day to register for independent studies, internships, individual instruction or dissertation	Mon., July 12
Second four-week session begins	Mon., July 11
Second four-week <a href="#">School of Education</a> graduate session begins	Mon., July 25
Grades due	Wed., Sept. 14

Important Summer Information:

- Get a jump on summer. Review the Undergraduate and Graduate [Summer Descriptions and Offerings](#).
- Mark your calendar now with [Important Dates](#) for the Summer Session.
- Summer registration starts April 15. See [Registration Information](#).
- Plan ahead, and find out the [Tuition Rates](#) for Summer Session, or the [Summer Refund Schedule and Withdrawal Policy](#).
- Wondering the summer hours for the library or the SUB? Check them out plus more on the [Summer Facts](#) page.
- Back to [Summer Home page](#).

## Withdrawal from Classes

To receive a refund for dropped on-campus classes, the student must officially withdraw from the class(es) by filing a letter through Student Academic Services (SAS). The date the form or letter is received in SAS determines the amount of refund. If a student does not provide proper written notification to SAS, financial obligations will remain binding, regardless of whether classes were attended or whether any contracted services were utilized.

**A student may not drop a class after the class has ended.**

### Summer Refund Schedule

For Summer 2011, the refund policy is as follows:

7/8 Week Sessions	4 Week Sessions	Short Sessions
100% Week 1	100% Week 1	100% by second class
50% Week 2	0% after Week 1	None after second class
0% after Week 2		

## Summer Session Fast Facts!

At Seattle Pacific University, we recognize things move at a different pace during the summer months. Whether you're wondering about the Library's hours, financial aid information or campus dining options this summer — you'll find it here. For more information, click on the links below.

**Undergraduate Admissions:** The admissions office coordinates the following services for prospective students and their families: campus tours, [Summer Visit](#) program, transcript evaluations, transfer requirements and advising. Office hours are Monday, Tuesday, Wednesday and Friday 9:00 a.m.-4:30 p.m. and Thursday 9:30 a.m.-4:30 p.m. 800.366.3344.

**The Graduate Center:** [Click here](#) to find out more regarding graduate degrees, graduate admissions and the latest information about what's happening in the graduate programs.

**Banking:** A U.S. Bank with a cash machine is located on West Bertona, across from the Student Union Building (SUB). Bank hours: Monday-Thursday 9 a.m.-5 p.m. and Friday 9 a.m.-6 p.m. Closed Saturday and Sunday. Phone: 206/217-0019. There is also a Bank of America cash machine in the main entrance of Weter Hall.

**Bookstore:** The SPU Bookstore carries textbooks for your courses, school supplies, general reading books, and SPU clothing and gifts. This summer the SPU Bookstore is open Monday-Friday 9 a.m.-5 p.m. and will be closed on weekends. The Bookstore is located on campus across from the Student Union Building. You can now order your textbooks online to be shipped to your home or for in store pick-up. Just to go the [web site](#) and click on the textbook tab.

**Campus Information/UNICOM:** Find friendly assistance in the Student Union Building or via phone, 206-281-2000, where student workers offer information (including campus phone numbers), bus and ferry schedules, and change for vending and laundry machines, and any other campus information you may need. Summer hours: Monday-Friday 8 a.m.-5 p.m. On campus, dial 0.

**Campus Security:** Located at 601 West Emerson — across the street from Emerson Hall and the Falcon Apartments — the Office of Safety and Security is open 24 hours a day, seven days a week. Security staff members are trained in CPR and first aid; they respond to all campus emergencies and minor

injuries. After dark, security officers are available to escort people from buildings to resident halls or cars. Phone: 206-281-2922; on campus, dial 2922.

**Computer Labs:** Computers are available for student use in Weter Hall's lounge. Students may also access computers in the Library. (See Library hours below.)

**Conference Services:** Conference guests are a welcomed addition to SPU. For information, contact the Conference Services office at 206-281-2187.

**Copying and Mailing Services:** The Mailing and Copying Center is open 8 a.m.-5 p.m. and can handle most of your copying and mailing needs right here on campus. If you have special needs or considerations, contact Mailing Services at 206-281-2077 or the Copy Center at 206-281-2622.

**Dining Options:** Looking for lunch, a light snack or a double latte? You'll find it at our dining locations across campus. Corner Place Market offers a selection of meal choices. Regular summer hours: Monday-Thursday 10 a.m.-5 p.m. and Friday 10 a.m.-4 p.m. At SUBWAY, you'll find sub sandwiches, of course, and a variety of other snacks. Summer hours: Monday-Friday 10:30 a.m.-2 p.m. Visit Pura Vidain Weter Lounge, which features fair-trade coffee. Summer hours: Monday-Friday 8:00 a.m.-10 a.m.

**Student Financial Services:** Student Financial Services can respond to your questions about summer financial aid, student accounts, tuition, scholarships and student employment. Located in Demaray Hall 10, office hours are Monday, Tuesday, Wednesday and Friday 9:00 a.m.-4:30 p.m. and Thursdays 9:30 a.m.-4:30 p.m. For questions contact Student Financial Services at 206-281-2061 or by email at [sfs-info@spu.edu](mailto:sfs-info@spu.edu).

**Library Hours:** The Library is open for various times during the summer sessions. For the most accurate and up-to-date hours, please check out their [web site](#). For additional information, contact the Library at 206-281-2228.

**Local Neighborhoods:** SPU sits at the bottom of Queen Anne Hill, one of Seattle's most historic and picturesque neighborhoods. This makes for a quick, but vigorous walk up to many quaint shops, cafes and restaurants on the Hill. The Fremont neighborhood, coined by residents as the Center of the Universe, is also a short walk from SPU. There you'll find a variety of restaurants featuring international cuisine and no shortage of coffee shops.

**Parking:** Parking is free. Contact the Safety and Security office at 206-281-2922 for more information.

**Public Transportation:** There are many ways to get to SPU. Taking the bus is one hassle-free option. Find out schedule and rider information via the Web or by calling 206-624-PASS.

**Special Needs:** The University provides academic program support and accommodations for students with learning, physical, medical, and psychological disabilities. A student who wishes to receive accommodations should contact Disability Support Services at 206-281-2272 and provide current disability documentation.

**Student Academic Services (Registration):** This department will help you register in person or via the Web (available for most classes), provide transcripts, verify enrollment for insurance or loan purposes, assist with your veteran educational benefits, and answer questions about registration policies and procedures. Office hours are Monday, Tuesday, Wednesday and Friday: 9:00 a.m.-4:30 p.m. and Thursday: 9:30 a.m.-4:30 p.m.

**Student Union Building (SUB):** Serving as a lounge and study area, the SUB is a popular place at Seattle Pacific. Summer hours: Monday-Friday 8 a.m.-5 p.m.

**CLICK ON A DEPARTMENT TO VIEW FACULTY:**

[Art](#) | [Biology](#) | [Business & Economics](#) | [Chemistry](#) | [Clinical Psychology](#) | [Communication](#) | [Computer Science](#) | [Education](#) | [Electrical Engineering](#) | [Engineering](#) | [English](#) | [Family and Consumer Science](#) | [Health Sciences](#) | [History](#) | [Languages/Cultures/Linguistics](#) | [Marriage and Family Therapy](#) | [Mathematics](#) | [Music](#) | [Organizational Psychology](#) | [Philosophy](#) | [Physical Educ & Exercise Sci](#) | [Physics](#) | [Political Science & Geography](#) | [Psychology](#) | [Sociology](#) | [Theatre](#) | [Theology](#) | [Additional Faculty](#) | [Emeriti](#) | [VIEW ALL](#)

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**Art Department Faculty**

**Bent, Gala.** Assistant Professor of Art; B.F.A. Ball State University 1997; Master of Fine Arts SUNY Coll Buffalo 1999; At SPU since 2008. ([Contact Info](#))

**Feldman, Roger.** Department Chair of Art / Professor of Art; B.A. University of Washington 1972; Master of Fine Arts Claremont Graduate University 1977; At SPU since 2000. ([Contact Info](#))

**Gutowsky-Zimmerman, Karen.** Department Chair of Art / Associate Professor of Art - Visual Communication; B.F.A. University of Illinois Urbana 1984; Master of Fine Arts University of Washington 2000; At SPU since 2005. ([Contact Info](#))

**Kresser, Katie.** Assistant Professor of Art; B.A. Indiana University Bloomington 1998; Master of Arts Harvard University 2001; Doctor of Philosophy Harvard University 2006; At SPU since 2006. ([Contact Info](#))

**Lasworth, Laura.** Department Chair of Art / Professor of Art; B.F.A. School Art Inst Chicago 1977; Master of Fine Arts Calif Institute Arts 1980; At SPU since 2002. ([Contact Info](#))

**Biology Department Faculty**

**Bester-Meredith, Janet.** Assistant Professor of Biology; B.A. Pomona College 1995; Master of Science University of Wisc Madison 1997; Doctor of Philosophy University of Wisc Madison 2001; At SPU since 2003. ([Contact Info](#))

**Bishop, Cindy.** Assistant Professor of Biology; B.S. Seattle Pacific University 1980; D.V.M. Washington State University 1984; At SPU since 2000. ([Contact Info](#))

**Congdon, Bruce.** Dean, College of Arts & Sciences; B.S. Coll Ozarks 1979; Master of Science Colorado State University 1981; Doctor of Philosophy University of Calif Riverside 1985; At SPU since 1985. ([Contact Info](#))

**Ferrer, Ryan.** Assistant Professor of Biology; B.S. Pepperdine University 2000; Doctor of Philosophy University of Calif Los Angeles 2007; At SPU since 2007. ([Contact Info](#))

**Fitch, Cindy.** Associate Professor of Biology; B.S. McMurry University 1985; Doctor of Philosophy Iowa State University 1990; At SPU since 1994. ([Contact Info](#))

**Long, Eric.** Assistant Professor of Biology; B.S. Wheaton College IL 1998; Master of Science University of North Dakota Williston 2001; Doctor of Philosophy Pennsylvania State University University Park 2005; At SPU since 2006. ([Contact Info](#))

**Nelson, Tim.** Department Chair of Biology / Professor of Biology; Director of Blakely Island Field Station; B.S. Seattle Pacific University 1987; Doctor of Philosophy University of Washington 1995; At SPU since 1995. ([Contact Info](#))

**Pratt, Charlotte.** Assistant Professor of Biology; B.S. University of Notre Dame 1982; Doctor of Philosophy Duke University 1987; At SPU since 2001. ([Contact Info](#))

**Ridgway, Rick.** Associate Professor of Biology; B.S. Seattle Pacific University 1977; Master of Science Washington State University 1983; Doctor of Philosophy Washington State University 1988; At SPU since 1991. ([Contact Info](#))

**Wall-Scheffler, Cara.** Assistant Professor of Biology; B.A. Seattle Pacific University 2000; M.Phil. University of Cambridge 2001; Doctor of Philosophy University of Cambridge 2005; At SPU since 2007. ([Contact Info](#))

**Wood, Derek.** Associate Professor of Biology; B.S. Washington State University 1991; Doctor of Philosophy University of Arizona 1997; At SPU since 2004. ([Contact Info](#))

### **Business & Economics Department Faculty**

**Baker, Bruce.** Assistant Professor of Business Ethics; B.S. Calif Institute Tech 1978; Master of Bus Administration Stanford University 1981; Master of Divinity Fuller Theological Seminary 2001; Doctor of Philosophy University of Saint Andrews 2010; At SPU since 2006. ([Contact Info](#))

**Daniels, Denise.** Department Chair of Undergraduate Committee / Professor of Management; Associate Dean, Undergraduate Studies; B.A. Wheaton College IL 1991; Doctor of Philosophy University of Washington 1997; At SPU since 1996. ([Contact Info](#))

**Deming, Jon.** Associate Professor of Economics; B.A. Whitman College 1971; Master of Arts University of Oregon 1974; Doctor of Philosophy University of Oregon 1979; At SPU since 1977. ([Contact Info](#))

**Downing, Doug.** Associate Professor of Economics; B.S. Yale University 1979; Master of Arts Yale University 1982; Doctor of Philosophy Yale University 1987; At SPU since 1983. ([Contact Info](#))

**Erisman, Al.** Executive in Residence; B.S. Northrn Illinois University 1962; Master of Science Iowa State University 1967; Doctor of Philosophy Iowa State University 1969; At SPU since 2001. ([Contact Info](#))

**Franz, Randy.** Associate Professor of Management; B.A. Calif State University Sacramento 1982; Master of Arts Stanford University 1988; Doctor of Philosophy Stanford University 1991; At SPU since 1991. ([Contact Info](#))

**Hess, Dan.** Professor of Finance; B.A. Wheaton College IL 1971; Master of Bus Administration University of Washington 1975; Doctor of Philosophy University of Arizona 1982; At SPU since 1977. ([Contact Info](#))

**Karns, Gary.** Department Chair of Graduate Committee / Professor of Marketing; Associate Dean, Graduate Studies; Graduate Director; Master of Bus Administration University of Oklahoma 1977; Doctor of Philosophy University of Washington 1987; At SPU since 1979. ([Contact Info](#))

**Kauppila, Bill.** Clinical Instructor; B.S. Northrn Michigan University 1967; Master of Bus Administration Westrn Michigan University 1968; At SPU since 2006. ([Contact Info](#))

**Kierulff, Herb.** Donald Snellman Professor of Entrepreneurship & Finance; B.A. Stanford University 1959; Master of Bus Administration University of Southern California 1964; Doctor of Business Admin University of Southern

California 1967; At SPU since 1980. ([Contact Info](#))

**LaBrie, Ryan.** Associate Professor of Management and Information Systems; B.S. Seattle Pacific University 1993; Master of Science Seattle Pacific University 1997; Doctor of Philosophy Arizona State University Tempe 2004; At SPU since 2004. ([Contact Info](#))

**Learned, Grant.** Assistant Professor of Business Law; B.A. Seattle Pacific University 1990; Master of Business Administration University of Washington 2001; Juris Doctorate University of Washington 2002; At SPU since 2005. ([Contact Info](#))

**Lee, Don.** Assistant Professor of Management; B.A. Seoul National University 2002; Master of Arts Seoul National University 2004; Doctor of Philosophy University of Pittsburgh Pittsburgh 2010; At SPU since 2010. ([Contact Info](#))

**Mason, Geri.** Assistant Professor of Economics; B.A. Whitworth University 2002; Doctor of Philosophy University of Hawaii Manoa 2010; Master of Arts University of Hawaii Manoa 2010; At SPU since 2010. ([Contact Info](#))

**Poznanska, Joanna.** Professor of International Business; Master of Arts University of Warsaw 1970; Doctor of Philosophy Warsaw University of Technology 1976; At SPU since 1988. ([Contact Info](#))

**Rand, Jim.** Executive in Residence; B.S. Marquette University 1963; Bachelor of Laws La Salle University PA 1972; At SPU since 1993. ([Contact Info](#))

**Sawers, Kim.** Associate Professor of Accounting; B.S. Southern Oregon University 1985; Master of Business Administration Seattle Pacific University 1994; Doctor of Philosophy University of Washington 2002; At SPU since 2006. ([Contact Info](#))

**Schlee, Regina.** Professor of Marketing; B.A. University of Nevada Las Vegas 1976; Master of Arts Washington State University 1978; Doctor of Philosophy Washington State University 1981; At SPU since 1984. ([Contact Info](#))

**Seitz, Rainer.** Assistant Professor of Management; B.A. Marquette University 1988; Master of Science Marquette University 1994; Doctor of Philosophy Portland State University 2006; At SPU since 2010. ([Contact Info](#))

**Steinke, Gerhard.** Professor of Management & Information Systems; B.S. University of Alberta 1975; Master of Business Administration Ball State University 1984; Master of Divinity Anderson University 1985; Doctor of Philosophy University of Passau 1992; At SPU since 1992. ([Contact Info](#))

**Stewart, Ross.** Professor of Accounting; Joseph C. Hope Professor of Leadership & Ethics; 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; At SPU since 1986. ([Contact Info](#))

**Summers, Don.** Clinical Instructor; B.A. University of Michigan Ann Arbor 1965; Master of Theology Boston University 1969; Doctor of Education Boston University 1975; At SPU since 2007. ([Contact Info](#))

**Van Duzer, Jeff.** Dean, School of Business and Economics; B.A. University of Calif Berkeley 1976; Juris Doctorate Yale University 1979; At SPU since 2001. ([Contact Info](#))

**Wong, Kenman.** Professor of Business Ethics; B.S. Biola University 1986; Master of Business Administration University of Washington 1987; Doctor of Philosophy University of Southern California 1996; At SPU since 1997. ([Contact Info](#))

## Chemistry Department Faculty

**Bartlett, Kevin.** Department Chair of Chemistry / Associate Professor of Chemistry; B.S. Wheaton College IL 1995; Doctor of Philosophy University of Washington 2001; At SPU since 2002. ([Contact Info](#))

**Gulberg, Lawrence.** Assistant Professor of Chemistry; B.S. Stanford University 1971; Master of Education University of Washington 1977; Doctor of Philosophy University of Washington 1980; At SPU since 2004. ([Contact Info](#))

**McFarland, Ben.** Associate Professor of Biochemistry; B.S. University of Florida 1996; Doctor of Philosophy University of Washington 2001; At SPU since 2003. ([Contact Info](#))

**Mouser, John.** Assistant Professor of Chemistry; B.A. Point Loma Nazarene University 1985; Doctor of Philosophy University of Southern California 1991; At SPU since 2003. ([Contact Info](#))

**Peter, Lyle.** Department Chair of Chemistry / Professor of Chemistry; B.S. Seattle Pacific University 1972; Doctor of Philosophy University of Washington 1979; At SPU since 1979. ([Contact Info](#))

**Pierce, Karisa.** Assistant Professor of Chemistry; B.S. Seattle University 2002; Master of Science University of Washington 2004; Doctor of Philosophy University of Washington 2007; At SPU since 2008. ([Contact Info](#))

**Schofield, Daniel.** Assistant Professor of Chemistry; B.S. University of Otago 2001; Doctor of Philosophy University of Otago 2005; At SPU since 2010. ([Contact Info](#))

## Clinical Psychology Department Faculty

**Bikos, Lynette.** Associate Professor of Clinical Psychology; Director of Research; B.S.Ed. University of Missouri Columbia 1987; Master of Arts University of Missouri Columbia 1989; Doctor of Philosophy University of Kansas 1996; At SPU since 2005. ([Contact Info](#))

**Mezulis, Amy.** Assistant Professor of Clinical Psychology; B.A. Harvard University 1994; Master of Arts University of Calif Berkeley 1996; Master of Science University of Wisc Madison 2002; Doctor of Philosophy University of Wisc Madison 2005; At SPU since 2006. ([Contact Info](#))

**Skidmore, Jay.** Department Chair of Graduate, Clinical Psychology / Professor and Chair of Clinical Psychology; B.A. Azusa Pacific University 1976; Master of Arts Calif State University Sacramento 1981; Doctor of Philosophy Virginia Polytech Inst State U 1988; At SPU since 2001. ([Contact Info](#))

**Stewart, Dave.** Associate Professor of Clinical Psychology; Director of Clinical Training; B.A. Calif State Poly University Pomona 1992; Doctor of Philosophy San Diego State University 1998; At SPU since 2004. ([Contact Info](#))

**Thoburn, John.** Associate Professor of Clinical Psychology; B.A. University of Kansas 1976; Master of Divinity Fuller Theological Seminary 1984; Doctor of Philosophy Fuller Theological Seminary 1991; At SPU since 1998. ([Contact Info](#))

**Wall, Thomas.** Associate Professor of Clinical Psychology; B.S. University of Washington 1966; Master of Education University of Washington 1968; Doctor of Philosophy University of Washington 1974; At SPU since 2006. ([Contact Info](#))



**Webb, Marcia.** Associate Professor of Clinical Psychology; B.A. Wheaton College IL 1985; Master of Arts Wheaton College IL 1986; Master of Divinity Fuller Theological Seminary 1995; Doctor of Philosophy Fuller Theological Seminary 1995; At SPU since 1999. ([Contact Info](#))

**Wilson, Bev.** Professor of Clinical Psychology; SPFC Research Coordinator; B.A. Calif State University Fresno 1985; Master of Arts Calif State University Fresno 1987; Doctor of Philosophy University of Washington 1994; At SPU since 1998. ([Contact Info](#))

### Communication Department Faculty

**Jabs, Lorelle.** Associate Professor of Communication; B.S. Oregon State University 1986; Master of Science Oregon State University 1988; Doctor of Philosophy University of Washington 1997; At SPU since 2000. ([Contact Info](#))

**Jackson, Rick.** Assistant Professor of Journalism; B.A. Pennsylvania State University University Park 1977; Master of Arts University of Washington 1995; Doctor of Philosophy University of Washington 2005; At SPU since 1995. ([Contact Info](#))

**Pope, Debbie.** Assistant Professor of Communication; B.A. Bethany College CA 1982; Master of Arts Wheaton College IL 1990; At SPU since 2007. ([Contact Info](#))

**Purcell, Bill.** Department Chair of Communication and Journalism / Professor of Communication; B.A. Auburn University 1976; Master of Arts University of Alabama Tuscaloosa 1983; Doctor of Philosophy Indiana University Bloomington 1986; At SPU since 1995. ([Contact Info](#))

**Rendleman, Todd.** Associate Professor of Communication; B.A. University of Illinois Urbana 1992; Master of Arts University of Illinois Urbana 1994; Doctor of Philosophy University of Illinois Urbana 1999; At SPU since 1999. ([Contact Info](#))

**Scott, Shannon.** Assistant Professor of Communication; B.A. North Dakota State U Fargo 1995; Master of Arts North Dakota State U Fargo 1998; Doctor of Philosophy University of Washington 2004; At SPU since 2005. ([Contact Info](#))

**Sequeira, Debra.** Associate Dean, College of Arts and Sciences; B.A. San Francisco State University 1976; Master of Arts San Francisco State University 1978; Doctor of Philosophy University of Washington 1987; At SPU since 1990. ([Contact Info](#))

### Computer Science Department Faculty

**Prins, Phil.** Associate Professor of Computer Science; B.A. Humboldt State University 1976; B.A. Humboldt State University 1978; Master of Science University of Idaho 1984; Doctor of Philosophy University of Idaho 1993; At SPU since 1992. ([Contact Info](#))

**Tindall, Mike.** Department Chair of Computer Science / Professor of Computer Science; B.S. Seattle Pacific University 1971; Master of Science University of Illinois Urbana 1975; Doctor of Philosophy University of Illinois Urbana 1975; At SPU since 1980. ([Contact Info](#))

**Weltz, Elaine.** Department Chair of Computing Sciences / Assistant Professor of Computer Science; B.A. Seattle

Pacific University 1974; M.M. University of Southern California 1978; B.S. Seattle Pacific University 1984; M.S.E. Seattle University 1989; At SPU since 1984. ([Contact Info](#))

### Education Department Faculty

**Algera, Henry.** Department Chair of Alternative Routes to Certification / Assistant Professor of Curriculum and Instruction; Bachelor of Arts in Education University of Winnipeg 1989; B.A. University of Winnipeg 1989; Master of Arts Providence Coll. and Seminary 2000; Doctor of Education Seattle Pacific University 2003; At SPU since 2003. ([Contact Info](#))

**Beers, Scott.** Department Chair of Literacy / Associate Professor of Curriculum and Instruction; B.A. Yale University 1990; Master of Arts University of Colorado Boulder 1996; Doctor of Philosophy University of Washington 2004; At SPU since 2004. ([Contact Info](#))

**Bond, John.** Associate Professor of Education Leadership; B.A. Westrn Washington University 1972; Master of Arts University of Washington 1976; Doctor of Education Seattle Pacific University 2003; At SPU since 2008. ([Contact Info](#))

**Cleveland, Richard.** Instructor of Counselor Education; Master of Education Seattle Pacific University 1999; B.A. Seattle Pacific University 1999; At SPU since 2010. ([Contact Info](#))

**Edwards, Cher.** Department Chair of Counselor Education / Associate Professor of School Counseling; B.A. Bowling Green State Univ 1994; Master of Science University of Dayton 1995; Doctor of Philosophy Ohio University Lancaster 2002; At SPU since 2002. ([Contact Info](#))

**Eigenbrood, Rick.** Department Chair of Doctoral Program / Dean, School of Education; B.A. Dordt College 1974; Master of Arts University of Washington 1979; Doctor of Philosophy University of Iowa 1988; At SPU since 2001. ([Contact Info](#))

**Ellis, Art.** Department Chair of Director, Center for Global Curriculum Studies / Professor of Education; B.S. Oregon College of Education 1962; Master of Science Oregon College of Education 1965; Doctor of Education University of Oregon 1968; At SPU since 1986. ([Contact Info](#))

**Fritzberg, Greg.** Professor of Education; B.A. Pacific Lutheran University 1985; Master of Arts Fuller Theological Seminary 1992; Doctor of Philosophy University of Washington 1998; At SPU since 2001. ([Contact Info](#))

**Gritter, Kris.** Assistant Professor of Curriculum and Instruction; B.A. Calvin College 1991; Master of Science Florida International Univ 1996; Doctor of Philosophy Michigan State University 2007; At SPU since 2007. ([Contact Info](#))

**Hartnett, Sharon.** Department Chair of Undergraduate & Post-Baccalaureate Teacher Education / Assistant Professor of Education; B.A. Whitworth University 1978; Master of Arts in Teaching Whitworth University 1985; Doctor of Philosophy Gonzaga University 1999; At SPU since 2000. ([Contact Info](#))

**Hudson, Debby.** Department Chair of Special Education / Assistant Professor of Special Education; Bachelor of Arts in Education Pacific Lutheran University 1982; Master of Education Pacific Lutheran University 1998; Doctor of Philosophy University of Washington 2008; At SPU since 2009. ([Contact Info](#))

**Hyun, June.** Assistant Professor of Counselor Education; B.S. Hanyang University 2000; Master of Science Calif State University Bakersfield 2005; Doctor of Philosophy Georgia State University 2009; At SPU since 2009. ([Contact](#))

[Info](#))

**Kline, Frank.** Department Chair of Associate Dean for Teacher Education / Professor of Education; Associate Dean for Teacher Education; B.S. Greenville College 1978; Master of Education Wichita State University 1981; Doctor of Philosophy University of Kansas 1989; At SPU since 1996. ([Contact Info](#))

**Lumpe, Andrew.** Department Chair of Curriculum & Instruction / Associate Dean for Graduate Education, Doctoral Faculty, Director of Doctoral Program; B.A. Washburn University 1983; Master of Science Kansas State University Manhattan 1990; Doctor of Philosophy Kansas State University Manhattan 1992; At SPU since 2006. ([Contact Info](#))

**Mvududu, Nyaradzo.** Associate Professor of Education; B.S. University of Zimbabwe 1988; Master of Bus Administration University of Washington 1996; Doctor of Education Seattle Pacific University 2002; At SPU since 2003. ([Contact Info](#))

**Nagy, Bill.** Professor of Education; B.A. Michigan State University 1970; Doctor of Philosophy University of Calif San Diego 1974; At SPU since 1996. ([Contact Info](#))

**Okun, Matt.** Assistant Professor of Education; B.A. Wesleyan University 1979; Master of Science University of Bridgeport 1987; Doctor of Philosophy University of New Mexico Albuquerque 1998; At SPU since 2009. ([Contact Info](#))

**Preciado, Jorge.** Assistant Professor of Teacher Education; B.A. San Diego State University 1988; Master of Arts San Diego State University 1998; Doctor of Philosophy University of Oregon 2006; At SPU since 2010. ([Contact Info](#))

**Prenevost, Bill.** Associate Professor of Ed Administration & Supervision; B.S. Montana State University Bozeman 1969; Master of Education University of Washington 1975; Doctor of Education University of Washington 1992; At SPU since 2006. ([Contact Info](#))

**Scheuerman, Richard.** Department Chair of Master of Arts in Teaching / Assistant Professor of Curriculum and Instruction; B.A. Washington State University 1973; Master of Arts Pacific Lutheran University 1977; Doctor of Philosophy Gonzaga University 1992; At SPU since 2004. ([Contact Info](#))

**Sink, Christopher.** Professor of Education; B.A. University of Calif Irvine 1978; Master of Science Calif State University Fullerton 1981; Doctor of Philosophy University of Calif Riverside 1988; At SPU since 1994. ([Contact Info](#))

**Smith, Dick.** Department Chair of Educational Leadership / Professor of Education; B.A. Seattle Pacific College 1963; Master of Arts University of Oregon 1968; Doctor of Philosophy University of Oregon 1972; At SPU since 1988. ([Contact Info](#))

**Williams, Tracy.** Professor of Curriculum and Instruction; B.A. Whitworth University 1982; Master of Education Northwest Nazarene University 1993; Doctor of Education Washington State University 2009; At SPU since 2010. ([Contact Info](#))

#### Electrical Engineering Department Faculty

**Bolding, Kevin.** Associate Professor of Electrical Engineering; B.A. Rice University 1988; Master of Science University of Washington 1991; Doctor of Philosophy University of Washington 1993; At SPU since 1995. ([Contact Info](#))

**Peter, Don.** Associate Professor of Engineering; B.S. Seattle Pacific University 1974; Master of Science University of Washington 1976; At SPU since 1987. ([Contact Info](#))

**Plett, Melani.** Associate Professor of Electrical Engineering; B.S.E.E. Seattle Pacific University 1991; M.S.E.E. University of Washington 1993; Doctor of Philosophy University of Washington 2000; At SPU since 1993. ([Contact Info](#))

### Engineering Department Faculty

**Scott, Elaine.** Department Chair of Engineering / Professor of Engineering; Director of Engineering Program; B.S. University of Calif Davis 1979; Master of Science University of Calif Davis 1981; Doctor of Philosophy Michigan State University 1987; Doctor of Philosophy Michigan State University 1989; At SPU since 2006. ([Contact Info](#))

### English Department Faculty

**Amorose, Tom.** Professor of English; B.A. Ohio State University Columbus 1972; Doctor of Philosophy University of Washington 1978; At SPU since 1996. ([Contact Info](#))

**Chaney, Christine.** Department Chair of English / Associate Professor of English; B.A. University of Washington 1982; Master of Arts University of Washington 1992; Doctor of Philosophy University of Washington 1998; At SPU since 2000. ([Contact Info](#))

**Maier, Jennifer.** Professor of English; B.S. University of Washington 1985; B.A. University of Washington 1985; Master of Arts University of Washington 1987; Doctor of Philosophy Tulane University 1998; At SPU since 1995. ([Contact Info](#))

**Middeljans, April.** Assistant Professor of English; B.A. Calvin College 1993; Master of Arts University of Illinois Urbana 1996; Doctor of Philosophy University of Illinois Urbana 2005; At SPU since 2006. ([Contact Info](#))

**Reinsma, Luke.** Department Chair of University Scholars / Professor of English; Director of University Scholars; B.A. Calvin College 1970; Master of Arts University of Michigan Ann Arbor 1974; Doctor of Philosophy University of Michigan Ann Arbor 1978; At SPU since 1985. ([Contact Info](#))

**Segall, Kimberly.** Associate Professor of English; B.A. Calvin College 1992; Master of Arts Northwstrn University 1996; Doctor of Philosophy Northwstrn University 2001; At SPU since 2001. ([Contact Info](#))

**Thorpe, Doug.** Professor of English; B.A. Beloit College 1975; Master of Arts University of Washington 1977; Doctor of Philosophy University of Washington 1983; At SPU since 1992. ([Contact Info](#))

**Trzyna, Tom.** Professor of English; B.A. University of Calif Berkeley 1968; Master of Arts University of Washington 1974; Doctor of Philosophy University of Washington 1977; At SPU since 1981. ([Contact Info](#))

**VanZanten, Susan.** Professor of English; B.A. Westmont College 1978; Master of Arts Emory University 1981; Doctor of Philosophy Emory University 1982; At SPU since 1993. ([Contact Info](#))

**Walhout, Mark.** Professor of English; B.A. Wheaton College IL 1981; Master of Arts Northwstrn

University 1982; Doctor of Philosophy Northwstrn University 1985; At SPU since 1987. ([Contact Info](#))

**Wolfe, Greg.** Department Chair of Master of Fine Arts / Instructor of English; Writer in Residence; Director of MFA; B.A. Hillsdale College 1980; Master of Arts Oxford University 1983; At SPU since 2000. ([Contact Info](#))

**Wolfe, Suzanne.** Instructor of English; B.A. Oxford University 1984; Master of Arts Oxford University 1986; At SPU since 2000. ([Contact Info](#))

#### **Family and Consumer Science Department Faculty**

**Copeland, Raedene.** Assistant Professor of Clothing and Textiles; B.S. North Car Central University 2002; Master of Bus Administration North Car Central University 2007; Doctor of Philosophy University North Carolina Greensboro 2010; At SPU since 2010. ([Contact Info](#))

**Freeman, Joey.** Instructor of Dietetics; B.S. Centrl Washington University 1994; Master of Science Centrl Washington University 1996; At SPU since 2004. ([Contact Info](#))

**Geleva, Daniela.** Assistant Professor of Nutrition; B.S. Texas Christian University 1997; Doctor of Philosophy University of Minnesota Minneapolis\* 2001; At SPU since 2005. ([Contact Info](#))

**Hartje, Sandra.** Professor of Family & Consumer Sciences; B.S. University of Minnesota Minneapolis\* 1979; Master of Science University of Minnesota Minneapolis\* 1984; Doctor of Philosophy University of Minnesota Minneapolis\* 1998; At SPU since 1989. ([Contact Info](#))

**Kato, Sharleen.** Department Chair of Family and Consumer Sciences / Professor of Family & Consumer Sciences; Director of Family & Consumer Sciences; B.A. Seattle Pacific University 1984; Master of Arts Michigan State University 1986; Doctor of Education Seattle University 1992; At SPU since 1986. ([Contact Info](#))

**Lee, Jaeil.** Associate Professor of Family & Consumer Sciences; B.S. Chungnam National University 1992; Master of Science Chungnam National University 1994; Master of Science Ohio State University Columbus 1998; Doctor of Philosophy Ohio State University Columbus 2000; At SPU since 2001. ([Contact Info](#))

**Miller, Beth.** Assistant Professor of Family & Consumer Sciences; B.A. University of Oklahoma 1992; Master of Science University of Centrl Oklahoma 2001; At SPU since 2002. ([Contact Info](#))

**Moe, Gaile.** Associate Professor of Family & Consumer Sciences; B.S. University of Washington 1978; Doctor of Philosophy University of Washington 1996; At SPU since 1994. ([Contact Info](#))

#### **Health Sciences Department Faculty**

**Aaberg, Vicki.** Assistant Professor of Nursing; B.S. Eastern Washington University 1988; Master of Science in Nursing Seattle Pacific University 2005; Doctor of Philosophy Washington State University 2010; At SPU since 2005. ([Contact Info](#))

**Altman, Gaylene.** Professor of Nursing; Bachelor of Science in Nursing University of Kansas 1967; Master of Nursing University of Washington 1972; Doctor of Philosophy University of Washington 1992; At SPU since 2010. ([Contact Info](#))

**Casey, Susan.** Department Chair of SHS Associate Dean/Graduate Nursing / Associate Professor of Nursing; Associate Dean, Graduate Program; Bachelor of Science in Nursing University of Portland 1981; Master of Science University of Washington 1998; Doctor of Philosophy University of Washington 2002; At SPU since 2006. ([Contact Info](#))

**Champ-Gibson, Erla.** Instructor of Nursing; B.S. Seattle Pacific University 1983; Master of Divinity Fuller Theological Seminary 1989; Certificate University of Northern Colorado 2008; At SPU since 2007. ([Contact Info](#))

**Coucoules, Mary.** Instructor of Nursing; Associate in Arts & Sciences Yakima Valley Community College 1981; Bachelor of Science in Nursing University of Washington - Tacoma 1997; Master of Science St Marys University MN 2000; At SPU since 2009. ([Contact Info](#))

**Fitzsimmons, Kathy.** Assistant Professor of Family and Community Nursing/Pediatrics; B.A. Gustavus Adolphus College 1975; Master of Education City University 2002; Doctor of Philosophy University of Northern Colorado 2009; At SPU since 2008. ([Contact Info](#))

**Henshaw, Chris.** Department Chair of SHS Associate Dean / Associate Professor of Medical Surgical Nursing; Associate Dean, School of Health Sciences; Bachelor of Science in Nursing Washington State University 1978; Master of Nursing University of Washington 1987; Doctor of Education Seattle University 2004; At SPU since 2000. ([Contact Info](#))

**Kelley, Lucille.** Dean of School of Health Sciences; Bachelor of Science in Nursing University of Connecticut 1969; Master of Nursing University of Washington 1973; Doctor of Philosophy University of Washington 1990; At SPU since 1982. ([Contact Info](#))

**Mitre, Jim.** Instructor of Nursing; Associate in Arts Shoreline Community College 1986; B.S. University of Washington 2005; Master of Nursing University of Washington 2007; At SPU since 2008. ([Contact Info](#))

**Monroe, Heidi.** Instructor of Nursing; Bachelor of Science in Nursing Seattle Pacific University 1989; Master of Science in Nursing Seattle Pacific University 2007; At SPU since 2007. ([Contact Info](#))

**Owen-Williams, Eileen.** Department Chair of Coordinator of the Nurse Practitioner Program / Professor of Nursing and Professor of Community Health; Bachelor of Science in Nursing Washington State University 1976; Master of Nursing University of Washington 1983; Doctor of Nursing Practice University of Tennessee 2005; At SPU since 2008. ([Contact Info](#))

**Redfield, Carol.** Instructor, Faculty Medical Surgical Community Health and Skills Lab Coordinator; Bachelor of Science in Nursing University of British Columbia 1980; Master of Nursing University of Washington 1983; At SPU since 2006. ([Contact Info](#))

**Stetz, Kathy.** Professor of Nursing; Master of Nursing University of Washington 1981; Doctor of Philosophy University of Washington 1986; At SPU since 1999. ([Contact Info](#))

#### History Department Faculty

**Ferreiro, Alberto.** Professor of European History; B.A. University of Texas Arlington 1977; Master of Arts University of Texas Arlington 1979; Doctor of Philosophy University of California Santa Barbara 1986; At SPU since 1986. ([Contact Info](#))

**Hamilton, Mike.** Department Chair of History / Associate Professor of History; B.A. Seattle Pacific

University 1986; Master of Arts University of Notre Dame 1988; Doctor of Philosophy University of Notre Dame 1995; At SPU since 1999. ([Contact Info](#))

**Holsinger, Don.** Professor of History; B.A. Bethel College KS 1970; Doctor of Philosophy Northwstrn University 1979; At SPU since 1990. ([Contact Info](#))

**Stiling, Rod.** Associate Professor of History; B.A. University of Calif Los Angeles 1972; Master of Theology Dallas Theological Seminary 1980; Master of Arts University of Wisc Madison 1985; Doctor of Philosophy University of Wisc Madison 1991; At SPU since 2001. ([Contact Info](#))

**Woodward, Bill.** Professor of History; B.A. Wheaton College IL 1969; Master of Arts Georgetown University 1974; Doctor of Philosophy Georgetown University 1974; At SPU since 1974. ([Contact Info](#))

**Ye, Zhiguo.** Assistant Professor of History; B.A. Wuhan University, China 2002; Master of Arts University of Minnesota Minneapolis\* 2005; Doctor of Philosophy University of Minnesota Minneapolis\* 2010; At SPU since 2010. ([Contact Info](#))

#### Languages/Cultures/Linguistics Department Faculty

**Baah, Robert.** Professor of Spanish; B.A. University of Ghana 1982; Master of Arts University of Alberta 1988; Doctor of Philosophy University of Southern California 1994; At SPU since 1995. ([Contact Info](#))

**Bartholomew, Kathryn.** Department Chair of MA-TESOL / Associate Professor of Foreign Languages & Linguistics; MA-TESOL Program Director; B.A. University of Washington 1969; Master of Arts University of Washington 1970; Doctor of Philosophy University of Washington 1979; At SPU since 1989. ([Contact Info](#))

**Beauclair, Michelle.** Associate Professor of French; B.S. Georgetown University 1986; Master of Arts University of Wisc Madison 1989; Doctor of Philosophy University of Wisc Madison 1994; At SPU since 2004. ([Contact Info](#))

**Ewald, Owen.** Department Chair of Foreign Languages/Literature / Assistant Professor of Classics; C. May Marston Professorship of Classics; B.A. Yale University 1992; Master of Arts University of Washington 1995; Doctor of Philosophy University of Washington 1999; At SPU since 2001. ([Contact Info](#))

**Nemtchinova, Katya.** Associate Professor of TESOL/Russian; Master of Arts Moscow State Linguistics Univ. 1987; Doctor of Philosophy SUNY Center Stony Brook 1997; At SPU since 1997. ([Contact Info](#))

**Vogt, Eric.** Professor of Spanish; B.A. University of Hawaii Manoa 1977; Master of Arts University of Missouri Columbia 1983; Doctor of Philosophy University of Missouri Columbia 1988; At SPU since 2001. ([Contact Info](#))

**Ziemann, Michael.** Associate Professor of European Studies/German & Linguistics; B.A. Freie Universitat/McPherson Co 1968; Master of Arts Kansas State University Salina 1969; Doctor of Philosophy Washington University 1974; At SPU since 1981. ([Contact Info](#))

#### Marriage and Family Therapy Department Faculty

**Edwards, Scott.** Associate Professor of Marriage and Family Therapy; Director of Clinical Training & Research; B.A. Cornell University 1991; Master of Science Auburn University 1996; Doctor of Philosophy Virginia

Polytech Inst State U 2001; At SPU since 2001. ([Contact Info](#))

**Grauf-Grounds, Claudia.** Department Chair of Graduate, Marriage & Family Therapy / Professor and Chair of Marriage and Family Therapy; B.A. Stanford University 1976; Master of Arts Fuller Theological Seminary 1978; Doctor of Philosophy University of Southern California 1988; At SPU since 2000. ([Contact Info](#))

**MacDonald, Don.** Professor of Marriage & Family Therapy; B.A. University of Texas 1972; Master of Science Indiana University Bloomington 1973; Doctor of Philosophy Michigan State University 1984; At SPU since 1980. ([Contact Info](#))

**Sellers, Tina.** Instructor of Marriage and Family Therapy; Director of Medical Family Therapy Program; B.A. San Diego State University 1982; Master of Science Seattle Pacific University 1991; At SPU since 1998. ([Contact Info](#))

### Mathematics Department Faculty

**Gill, Brian.** Department Chair of Mathematics / Professor of Mathematics; B.S. Truman State University 1991; Master of Arts University of Kentucky 1994; Master of Science SUNY Center Albany 1999; Doctor of Philosophy SUNY Center Albany 1999; At SPU since 1999. ([Contact Info](#))

**Johnson, Steve.** Associate Professor of Mathematics; B.A. Westmont College 1974; Doctor of Philosophy University of Minnesota Minneapolis\* 1982; At SPU since 1982. ([Contact Info](#))

**Killingsworth, Russ.** Assistant Professor of Mathematics; B.A. Calif State University Sacramento 1986; Master of Arts Calif State University Stanislaus 1992; At SPU since 1996. ([Contact Info](#))

**Lau, Wai.** Associate Professor of Mathematics; B.S. Hong Kong Baptist University 1986; Master of Science Texas A&M University College Sta 1992; Doctor of Philosophy Texas A&M University College Sta 1998; At SPU since 2001. ([Contact Info](#))

**O'Leary, Robbin.** Associate Professor of Mathematics; B.A. Goshen College 1980; Master of Science Idaho State University 1985; Doctor of Philosophy University of Texas Austin 1990; At SPU since 1990. ([Contact Info](#))

**Parker, Nicola.** Instructor of Mathematics; B.S. Westrn Washington University 2004; Master of Science Westrn Washington University 2006; At SPU since 2009. ([Contact Info](#))

**Young, Sharon.** Professor of Mathematics and Math Education; B.A. University of Redlands 1966; Master of Arts University of Denver 1976; Doctor of Philosophy University of Colorado Boulder 1979; At SPU since 1995. ([Contact Info](#))

### Music Department Faculty

**Anderson, David.** Assistant Professor of Choral Music; B.A. Whitworth University 1981; Master of Arts University of Oregon 1987; At SPU since 1992. ([Contact Info](#))

**Brown, Carlene.** Assistant Professor of Music; B.Mus. Emmanuel Coll MA 1980; Master of Arts University of Washington 1987; Doctor of Philosophy University of Washington 1991; At SPU since 2005. ([Contact Info](#))



**Chin, Brian.** Assistant Professor of Music; B.Mus. Rutgers University 1998; Certificate Rutgers University 1998; Master of Arts Rutgers University 2001; Doctor of Musical Arts University of Washington 2006; At SPU since 2008. ([Contact Info](#))

**Hanson, Eric.** Professor of Music; B.M.E. Wheaton College IL 1971; M.M. Colorado State University 1974; Doctor of Musical Arts University of Washington 1986; At SPU since 1979. ([Contact Info](#))

**Holmes, Ramona.** Department Chair of Music / Professor of Music Education; B.S. Portland State University 1974; Master of Arts in Teaching University of Washington 1978; Master of Arts University of Washington 1982; Doctor of Musical Arts University of Washington 1990; At SPU since 1994. ([Contact Info](#))

**Johnson, Wayne.** Professor of Music; B.A. Bob Jones University 1969; M.M. University of Cincinnati 1975; Doctor of Musical Arts University of Cincinnati 1986; At SPU since 1977. ([Contact Info](#))

**Marsh, Gerry.** Instructor of Music; B.A. Northwest Nazarene University 1967; M.M. University of Oregon 1968; At SPU since 1998. ([Contact Info](#))

### Organizational Psychology Department Faculty

**Collins, Joey.** Assistant Professor of Industrial/Organizational Psychology; Associate in Arts WhatcomCommunityCollege 1988; B.A. Western Washington University 1989; Master of Science Western Washington University 1996; Master of Arts Biola University 1998; Doctor of Psychology Biola University 2001; At SPU since 2005. ([Contact Info](#))

**Diddams, Margaret.** Department Chair of Undergraduate Psychology / Director of the Center for Scholarship and Faculty Development; B.A. Wheaton College IL 1982; Master of Arts New York University 1988; Doctor of Philosophy New York University 1994; At SPU since 2000. ([Contact Info](#))

**Kendall, Dana.** Assistant Professor of Industrial/Organizational Psychology; B.S. Andrews University 1999; Master of Science Florida International Univ 2002; Doctor of Philosophy University of Central Florida 2007; At SPU since 2010. ([Contact Info](#))

**McKenna, Rob.** Department Chair of Graduate, Organizational Psychology / Associate Professor and Chair of Industrial/Organizational Psychology; B.A. Seattle Pacific University 1990; Master of Business Administration Seattle Pacific University 1992; Doctor of Philosophy Claremont Graduate University 1998; At SPU since 1999. ([Contact Info](#))

**Yost, Paul.** Associate Professor of Industrial/Organizational Psychology; Director of Applied Learning and Development; B.S. Seattle Pacific University 1987; Master of Arts University of Maryland College Park 1992; Doctor of Philosophy University of Maryland College Park 1996; At SPU since 2005. ([Contact Info](#))

### Philosophy Department Faculty

**Himma, Ken.** Professor of Philosophy; B.A. University of Illinois Chicago 1985; Master of Arts University of California Los Angeles 1987; Juris Doctorate University of Washington 1990; Doctor of Philosophy University of Washington 2001; At SPU since 2004. ([Contact Info](#))

**Layman, Steve.** Department Chair of Philosophy / Professor of Philosophy; B.A. Calvin College 1977; Doctor of

Philosophy University of Calif Los Angeles 1983; At SPU since 1986. ([Contact Info](#))

**McDonald, Patrick.** Associate Professor of Philosophy; B.A. Seattle University 1992; Master of Arts University of Notre Dame 1997; Doctor of Philosophy University of Notre Dame 2001; At SPU since 2001. ([Contact Info](#))

**Rice, Rebekah.** Assistant Professor of Philosophy; B.A. Seattle Pacific University 1996; Master of Arts University of Wisc Milwaukee 2000; Doctor of Philosophy Brown University 2007; At SPU since 2007. ([Contact Info](#))

#### **Physical Educ & Exercise Sci Department Faculty**

**Atwell-Scrivner, JoAnn.** Department Chair of Physical Education and Exercise Science / Instructor of Physical Education; B.A. Willamette University 1976; Master of Science Whitworth University 1991; Master of Arts Seattle Pacific University 2007; Doctor of Philosophy Gonzaga University 2010; At SPU since 1991. ([Contact Info](#))

**Cannavan, Dale.** Assistant Professor of Physical Education; B.S. University of Surrey 2001; Master of Science Brunel University 2004; Doctor of Philosophy Brunel University 2008; At SPU since 2010. ([Contact Info](#))

**Turner, Bud.** Instructor of Physical Education; B.A. Seattle University 1969; Master of Education Seattle University 1974; At SPU since 2003. ([Contact Info](#))

#### **Physics Department Faculty**

**Close, Eleanor.** Assistant Professor of Physics; B.A. Bryn Mawr College 1996; Certificate East Carolina University 1999; Master of Science University of Washington 2003; Doctor of Education Seattle Pacific University 2009; At SPU since 2004. ([Contact Info](#))

**Close, Hunter.** Assistant Professor of Physics; B.A. Rice University 1995; Master of Arts Indiana University Bloomington 2000; Master of Science University of Washington 2001; Doctor of Philosophy University of Washington 2005; At SPU since 2007. ([Contact Info](#))

**DeWater, Lezlie.** Resident Master Teacher in Physics; B.A. Western Washington University 1970; Master of Education University of Washington 1999; At SPU since . ([Contact Info](#))

**Lindberg, John.** Department Chair of Physics / Associate Professor of Physics; 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; At SPU since 1999. ([Contact Info](#))

**Seeley, Lane.** Associate Professor of Physics; B.S. University of Puget Sound 1994; Master of Science Montana State University Bozeman 1996; Doctor of Philosophy University of Washington 2001; At SPU since 2001. ([Contact Info](#))

**Vokos, Stamatis.** Professor of Physics; B.S. Univ. of Kent at Canturbury 1984; Master of Arts University of Calif Berkeley 1985; Doctor of Philosophy University of Calif Berkeley 1990; At SPU since 2002. ([Contact Info](#))

#### **Political Science & Geography Department Faculty**

**Braden, Kathleen.** Professor of Geography; B.A. Boston University 1972; Master of Arts University of Washington 1974; Doctor of Philosophy University of Washington 1981; At SPU since 1982. ([Contact Info](#))

**Davis, Reed.** Department Chair of Political Science / Professor of Political Science; B.A. University of Pennsylvania 1978; Master of Arts University of Pennsylvania 1978; Doctor of Philosophy University of Virginia 1991; At SPU since 1989. ([Contact Info](#))

**Drozdova, Katya.** Assistant Professor of Political Science; B.A. Stanford University 1996; Master of Arts Stanford University 1998; M.Phil. New York University 2006; Doctor of Philosophy New York University 2008; At SPU since 2010. ([Contact Info](#))

**Ediger, Ruth.** Associate Professor of Political Science; B.A. Pacific Lutheran University 1988; Master of Arts University of Nebraska Lincoln 1991; Doctor of Philosophy University of Nebraska Lincoln 1996; At SPU since 2002. ([Contact Info](#))

**Henry, Caleb.** Assistant Professor of Political Science; B.A. Hillsdale College 1997; Master of Arts Claremont Graduate University 1999; Doctor of Philosophy Claremont Graduate University 2002; At SPU since 2003. ([Contact Info](#))

#### Psychology Department Faculty

**Brown, Margaret.** Associate Professor and Chair of Psychology; B.S. University of Washington 1998; Master of Science University of Washington 2001; Doctor of Philosophy University of Washington 2002; At SPU since 2002. ([Contact Info](#))

**Craft, Baine.** Assistant Professor of Psychology; Director of Research; B.S. Miss College 2001; Master of Arts University of Montana 2004; Doctor of Philosophy University of Montana 2005; At SPU since 2006. ([Contact Info](#))

**Erickson, Thane.** Assistant Professor of Psychology; Director of Internships; B.A. Point Loma Nazarene University 1999; Master of Science Pennsylvania State University University Park 2003; Doctor of Philosophy Pennsylvania State University University Park 2006; At SPU since 2008. ([Contact Info](#))

**Kim, Paul.** Assistant Professor of Psychology; B.A. Calvin College 2004; Master of Arts University of Notre Dame 2007; Doctor of Philosophy University of Notre Dame 2010; At SPU since 2010. ([Contact Info](#))

**Krentz, Ursula.** Assistant Professor of Psychology; B.A. University of Chicago 1996; Doctor of Philosophy University of Washington 2003; At SPU since 2004. ([Contact Info](#))

**Lustyk, Kathy.** Professor of Psychology; B.S. University of Washington 1988; Doctor of Philosophy University of Washington 1992; At SPU since 1996. ([Contact Info](#))

**Parrott, Les.** Professor of Psychology; B.A. Olivet Nazarene University 1984; Master of Arts Fuller Theological Seminary 1988; Doctor of Philosophy Fuller Theological Seminary 1990; At SPU since 1989. ([Contact Info](#))

**Roe, Micheal.** Dean, School of Psychology, Family and Community; B.A. University of Calif San Diego 1973; Master of Education University of Washington 1975; Doctor of Philosophy University of Washington 1981; At SPU since 1988. ([Contact Info](#))

## Sociology Department Faculty

**Abbott, Martin.** Professor of Sociology; B.S. Portland State University 1974; Master of Arts Pepperdine University 1976; Doctor of Philosophy Portland State University 1984; At SPU since 1985. ([Contact Info](#))

**Diekema, David.** Associate Professor of Sociology; B.A. Calvin College 1982; Master of Arts University of Wisconsin Milwaukee 1985; Doctor of Philosophy University of Iowa 1990; At SPU since 1992. ([Contact Info](#))

**Kim, Mikyung.** Assistant Professor of Sociology; B.A. Yonsei University 2001; Master of Arts University of Texas Austin 2003; Doctor of Philosophy University of Texas Austin 2008; At SPU since 2009. ([Contact Info](#))

**McKinney, Jennifer.** Associate Professor of Sociology; Director of Women's Studies; B.A. Kentucky Wesleyan College 1991; Master of Science Purdue University West Lafayette 1995; Doctor of Philosophy Purdue University Calumet 2001; At SPU since 2001. ([Contact Info](#))

**Neuhouser, Kevin.** Department Chair of Sociology / Professor of Sociology; B.A. Taylor University Ft Wayne 1980; Master of Arts Indiana University Bloomington 1986; Doctor of Philosophy Indiana University Bloomington 1990; At SPU since 1996. ([Contact Info](#))

**Snedker, Karen.** Assistant Professor of Sociology; B.A. University of California Santa Barbara 1996; Master of Arts New York University 1999; Doctor of Philosophy New York University 2003; At SPU since 2006. ([Contact Info](#))

## Theatre Department Faculty

**Ryder, Andrew.** Associate Professor of Theatre; B.A. Anderson University 1990; Master of Arts Michigan State University 1994; Doctor of Philosophy Bowling Green State Univ 1997; At SPU since 2000. ([Contact Info](#))

**Scranton, George.** Professor of Theatre; B.A. Seattle Pacific University 1968; Master of Arts Seattle Pacific University 1971; Master of Arts University of Washington 1975; Doctor of Philosophy The Graduate Theological Union 1994; At SPU since 1975. ([Contact Info](#))

**Yanik, Don.** Department Chair of Theatre / Professor of Theatre; B.S. Anderson University 1964; Master of Education University of Nebraska Lincoln 1970; Master of Fine Arts Southern Methodist University 1981; At SPU since 1985. ([Contact Info](#))

## Theology Department Faculty

**Bantum, Brian.** Assistant Professor of Theology; B.A. Houghton College 1999; Master of Theology Duke University 2002; Doctor of Philosophy Duke University 2009; At SPU since 2009. ([Contact Info](#))

**Castelo, Daniel.** Associate Professor of Theology; B.A. Lee University 1998; Master of Divinity Church of God Theological Seminary 2000; Doctor of Philosophy Duke University 2005; At SPU since 2007. ([Contact Info](#))

**Dearborn, Kerry.** Professor of Theology; B.A. Whitman College 1972; Master of Arts Fuller Theological Seminary 1988; Doctor of Philosophy University of Aberdeen 1994; At SPU since 1997. ([Contact Info](#))

**Drovdahl, Bob.** Professor of Educational Ministry; B.A. Seattle Pacific University 1971; Master of Arts Wheaton

College IL 1974; Doctor of Philosophy Michigan State University 1980; At SPU since 1978. ([Contact Info](#))

**Gupta, Nijay.** Instructor in Biblical Studies; B.A. Miami University Oxford 2001; Master of Theology Gordon-Conwell Theo. Seminary 2004; Master of Divinity Gordon-Conwell Theo. Seminary 2004; Doctor of Philosophy Durham University 2009; At SPU since 2010. ([Contact Info](#))

**Keuss, Jeff.** Department Chair of Educational Ministry / Professor of Christian Ministry; B.A. Seattle Pacific University 1987; Master of Divinity Fuller Theological Seminary 1995; Doctor of Philosophy University of Glasgow 2000; At SPU since 2005. ([Contact Info](#))

**Koenig, Sara.** Assistant Professor of Old Testament; B.A. Seattle Pacific University 1995; Master of Divinity Princeton Theological Sem 1999; Doctor of Philosophy Princeton Theological Sem 2007; At SPU since 2003. ([Contact Info](#))

**Koskela, Doug.** Department Chair of Christian Theology / Associate Professor of Theology; B.A. Seattle Pacific University 1995; Master of Divinity Duke University 1998; Doctor of Philosophy Southern Methodist University 2003; At SPU since 2001. ([Contact Info](#))

**Langford, Mike.** Assistant Professor of Theology; B.S. Stanford University 1993; Master of Divinity Princeton Theological Sem 2001; Doctor of Philosophy Princeton Theological Sem 2010; At SPU since 2008. ([Contact Info](#))

**Leong, David.** Assistant Professor of Missional Theology; B.A. University of Washington 2001; Master of Christian Ministries Regent College 2005; Doctor of Philosophy Fuller Theological Seminary 2010; At SPU since 2008. ([Contact Info](#))

**Levison, Jack.** Professor of New Testament; B.A. Wheaton College IL 1978; B.A. Cambridge College Ma 1980; Master of Arts Cambridge College Ma 1983; Doctor of Philosophy Duke University 1985; At SPU since 2001. ([Contact Info](#))

**Lim, Bo.** Assistant Professor of Old Testament; B.A. University of Calif Los Angeles 1995; Master of Divinity Trinity Intl U Coll Arts Sci 1999; Doctor of Philosophy Trinity Intl U Coll Arts Sci 2006; At SPU since 2006. ([Contact Info](#))

**Nienhuis, David.** Associate Professor of Theology; B.A. Seattle Pacific University 1990; Master of Divinity Duke University 1996; Doctor of Philosophy University of Aberdeen 2005; At SPU since 1999. ([Contact Info](#))

**Pope-Levison, Priscilla.** Professor of Theology; B.Mus. DePauw University 1980; Master of Divinity Duke University 1983; Doctor of Philosophy University of Saint Andrews 1989; At SPU since 2001. ([Contact Info](#))

**Smyth, Ed.** Professor of Educational Ministry; B.A. Taylor University Ft Wayne 1968; M.R.E. Gordon-Conwell Theo. Seminary 1972; Doctor of Education Boston University 1978; At SPU since 1975. ([Contact Info](#))

**Spina, Frank.** Professor of Old Testament; B.A. Greenville College 1965; Master of Divinity Asbury College 1968; Master of Arts University of Michigan Ann Arbor 1970; Doctor of Philosophy University of Michigan Ann Arbor 1977; At SPU since 1973. ([Contact Info](#))

**Steele, Rick.** Professor of Moral and Historical Theology; B.A. Haverford College 1974; Master of Divinity Yale University 1978; Doctor of Philosophy Marquette University 1990; At SPU since 1995. ([Contact Info](#))

**Strong, Doug.** Dean, School of Theology; B.A. Houghton College 1978; Master of Divinity Princeton Theological

Sem 1981; Doctor of Philosophy Princeton Theological Sem 1990; At SPU since 2007. ([Contact Info](#))

**Sweat, Laura.** Instructor of New Testament; B.A. University North Carolina Chapel HI 2002; Master of Divinity Princeton Theological Sem 2005; PHD (ABD) Princeton Theological Sem 2011; Doctor of Philosophy Princeton Theological Sem 2011; At SPU since 2010. ([Contact Info](#))

**Wall, Rob.** Professor of Christian Scriptures; B.A. Valparaiso Universty 1969; Master of Theology Dallas Theological Seminary 1973; Doctor of Theology Dallas Theological Seminary 1979; At SPU since 1978. ([Contact Info](#))

## ADDITIONAL FACULTY

*(Includes library faculty and emeriti faculty. For a complete list of graduate faculty, please see the Graduate Catalog or the schools' or departments' individual websites.)*

### Library Faculty

**Gary R. Fick**, Professor and Library Specialist for Natural Sciences; B.A., State University of New York-Buffalo, 1971; M.S., 1973; M.L.S., 1974; M.A., University of Washington, 1983. At SPU since 1974.

**Carrie Fry**, Electronic Services, Systems, and Health Sciences Librarian; B.S., Seattle Pacific University, 1992; M.L.S., Indiana University-Bloomington, 1993. At SPU since 1998.

**Liz Gruchala-Gilbert**, Humanities/Fine Arts and Cataloguing Librarian; B.A., State University of New York-Buffalo, 1989; M.A.T., Vanderbilt University, 1990; M.L.S., University of Washington, 1997; At SPU since 2001.

**Adrienne Meier**, Librarian for the Social Sciences and Archives; B.A., Seattle Pacific University, 2004; M.L.I.S., University of Washington, 2009. At SPU since 2005.

**Bryce Nelson**, University Librarian; B.A., University of Washington, 1968; M.A.T., Northwestern University, 1969; Ph.D., University of Washington, 1981. At SPU since 2005.

**Becky Paulson**, Acquisitions Librarian; B.R.E., Prairie Bible College, 1992; B.A., Northwest University, 1999; M.L.I.S., University of Washington, 2001. At SPU since 2001.

**Stephen Perisho**, Library Specialist for Theology, Humanities and Fine Arts; B.A., George Fox College, 1984; M.Div., Princeton Theological Seminary, 1990; Th.M., Princeton Theological Seminary, 1998; M.L.I.S., Rutgers, The State University of New Jersey, 2002. At SPU since 2002.

**Cindy Strong**, Liaison Librarian, School of Education and School of Business and Economics; B.A., American University, 1997; M.L.S., University of Maryland, 2004. At SPU since 2009.

**Natalee Vick**, Librarian/Technical Services Coordinator; B.A., University of Montana, 1988; M.L.S., University of Washington, 1993. At SPU since 1999.

### Emeriti Faculty

**Roger Anderson**, Physics; B.S., University of Washington, 1951; Ph.D., 1961. At SPU 1961-1997. Emeritus since 2000.

**A. Leon Arksey**, English; B.A., Greenville College, 1948; M.A., University of Illinois, 1952. At SPU 1959-1992. Emeritus since 1992.

**Ed Bauman**, Electrical Engineering; B.S.E.E., University of Minnesota, 1955; M.S., Aeronautics and Astronautics, Massachusetts Institute of Technology, 1960; Ph.D., University of California-Los Angeles, 1966. At SPU 1985-2000. Emeritus since 2000.

**Janet Leslie Blumberg**, English, B.A., University of Washington, 1968; M.A., 1969; Ph.D., Harvard University, 1976; At SPU 1974-2001. Emerita since 2001.

**Barbara J. Bovy**, Family & Consumer Sciences; B.S., University of Idaho, 1960; M.A., University of Washington 1971; Ph.D., University of Washington, 1979. At SPU 1978-2008. Emeritus since 2008.

**R. Reed Boyce**, Urban and Regional Studies; B.S., University of Utah, 1956; M.S.,

1957; Ph.D., University of Washington, 1961. At SPU 1976–1997. Emeritus since 1997.

**Gustave Breitenbach**, German; B.A., Seattle Pacific College, 1941; M.A., University of Washington, 1942; Fulbright–Hayes Grant, Goethe University, Munich, Germany, 1965. At SPU 1959–1981. Emeritus since 1981.

**Janet B. Buck**, Mathematics; B.S., Seattle Pacific College, 1955. At SPU 1957–1996. Emerita since 1996.

**Charles H. Burris Jr.**, Computer Science; B.S., University of Utah, 1965; M.S., University of Utah, 1967; Ph.D., University of New Mexico, 1974. At SPU 1982–2006. Emeritus since 2006.

**Michael Caldwell**, Art; B.S., University of Oregon, 1968; M.F.A., University of Oregon, 1970. At SPU 1970–2006. Emeritus since 2006.

**Robert Chamberlain**, Communication; B.A., Cascade College, 1961; M.S., University of Oregon, 1967; Ph.D., 1972. At SPU 1978–1999. Emeritus since 1999.

**C.Y. Jesse Chiang**, Political Science; B.A., St. John’s University, 1944; M.A., University of Washington, 1951; Ph.D., 1958. At SPU 1964–1986. Emeritus since 1986.

**Gordon E. Cochrane**, Sociology; B.A., Seattle Pacific College, 1950; M.A., 1957; Ph.D., University of Southern California, 1968. At SPU 1965–1989. Emeritus since 1989.

**David Dickerson**, Vice President for Academic Affairs; B.A., Greenville College, 1955; M.A., University of Southern California, 1958; Ph.D., 1964. At SPU 1976–1992. Emeritus since 1992.

**Douglas Durasoff**, Political Science; B.A., Michigan State University, 1966; M.Phil., Yale University, 1969; Ph.D., Yale University, 1978; At SPU 1986–2010. Emeritus since 2010.

**Ruby M. Englund**, Nursing; Bachelor of Science in Nursing, Gustavus Adolphus College, 1964; Master of Nursing, University of Washington, 1965. At SPU 1970–2007. Emeritus since 2007.

**Joyce Quiring Erickson**, Dean of the College of Arts and Sciences; English. B.A., North Central College, 1965; M.A., University of Washington, 1966; Ph.D., University of Washington, 1970. At SPU 1969–1983; 1992–2003. Emerita since 2003.

**Kenneth Foreman**, Physical Education; B.S., University of Southern California, 1949; M.S., University of Washington, 1954; Ed.D., University of Southern California, 1962. At SPU 1964–2001. Emeritus since 2001.

**Susan Franklin**, Education; B.A., University of Washington; M.Ed., Seattle Pacific University, 1990. At SPU 1985–2002; Emerita since 2002.

**Fry, Mary Ellen**, Nursing; B.S.N., University of Washington, 1966; M.S.N., University of Washington, 1972; Ph.D., Oregon Health Science University, 1994; At SPU 1969–2009. Emeritus since 2009.

**Fan Mayhall Gates**, English; B.A., Baylor University, 1956; M.A., Mississippi State University, 1963. At SPU 1963–1999. Emerita since 1999.

**Evette Hackman**, Family and Consumer Sciences; B.S., University of Nebraska, 1964; M.S., University of Kansas, 1966; Ph.D., University of Washington, 1980. At SPU 1991–2004. Emerita since 2004.

**Joy F. Hammersla**, Psychology; B.A., Seattle Pacific College, 1954; M.S., University of Washington, 1962; Ph.D., 1974. At SPU 1981–1996. Emerita since 1996.

**Patricia Hammill**, Education; B.A., University of Washington, 1969; M.Ed., 1974; Ph.D., 1987. At SPU 1988–2002. Emerita since 2002.

**Ruth Hansen**, Education; B.A., Seattle Pacific College, 1950. At SPU 1968–1991. Emerita since 1991.

**Shirley Harlow**, Nursing; B.A., University of Oregon, 1948; B.S., 1951; M.A., New York University, 1965. At SPU 1976–1988. Emerita since 1988.

**Daniel L. Harris**, Business; B.A., Westmont College, 1963; M.B.A., University of California at Los Angeles, 1965; Ph.D., 1970. At SPU 1970–1990. Emeritus since 1990.

**Chester A. Hausken**, Statistics and Research; B.A., St. Olaf College, 1951; M.A., University of Northern Colorado, 1956; Ed.D., 1963. At SPU 1982–1997. Emeritus since 1997.

**Doris Brown Heritage**, Physical Education; B.S., Seattle Pacific College, 1964; M.Ed., 1975. At SPU 1969–2002. Emerita since 2002.

**Emily Wurster Hitchens**, Nursing; B.S., University of Washington, 1965; M.S., University of Washington 1967; Ed.D., Seattle University, 1988. At SPU 1981–2008.

Emerita since 2008.

**Robert Hughson**, Physics and Electrical Engineering; B.S., Seattle Pacific College, 1959; M.S., University of Washington, 1961; At SPU 1961–2003. Emeritus since 2003.

**Barbara S. Innes**, Nursing; B.S.N., University of Washington, 1963; M.S., University of California-San Francisco, 1969; Ed.D., Seattle University, 1989. At SPU 1976–2006. Emerita since 2006.

**Walter H. Johnson**, Philosophy and Religion; B.A., Greenville College, 1940; B.D., McCormick Theological Seminary, 1943; Th.D., Northern Baptist Theological Seminary, 1947. At SPU 1964–1980. Emeritus since 1980.

**Eletta Kennison**, Education; B.A., University of Washington, 1972; M.Ed., 1978; Ed.D., 1991. At SPU 1974–2000. Emerita since 2000.

**Donald D. Kerlee**, Physics and Computer Science; B.S., Seattle Pacific College, 1951; Ph.D., University of Washington, 1956. At SPU 1956–1969 and 1974–1990. Emeritus since 1990.

**Kenneth E. Knight**, Information Systems and Management; B.S., Yale University, 1959; M.S., Carnegie Mellon University, 1961; Ph.D., Carnegie Mellon University 1964. At SPU 1988–2008. Emeritus since 2008.

**Harriett N. Kovacevich**, Education; B.A., Whitman College, 1955; M.Ed., Seattle Pacific University, 1979. At SPU 1966–1996. Emerita since 1996.

**Karl Krienke Jr.**, Mathematics, Physics, and Computer Science; B.A., Seattle Pacific College, 1953; M.A., 1955; M.S., University of Washington, 1959; M.S., 1969; Ph.D., 1973. At SPU 1953–1997. Emeritus since 1997.

**Robert Larson**, Sociology; B.A., Augsburg College, 1956; M.A., University of Washington, 1966. At SPU 1966–1992. Emeritus since 1993.

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**Jack Lattin**, Accounting; B.A., University of Washington, 1947. At SPU 1977–1986. Emeritus since 1986.

**Frank Leddusire**, European Studies/Russian and Linguistics; B.A., Seattle Pacific College, 1956; B.D., Asbury Theological Seminary, 1958; Ph.D., University of Washington, 1972; IREX Scholar at Moscow State University, Russia, 1975. At SPU 1962–1966 and 1969–1997. Emeritus since 1997.

**Eugene E. Lemcio**, Theology; B.S., Houghton College, 1964; M.Div., Asbury College, 1968; Ph.D., Trinity College, University of Cambridge, 1975. At SPU 1974–2010. Emeritus since 2010.

**Paul Lepse**, Chemistry; B.S., Seattle Pacific College, 1958; Ph.D., University of Washington, 1961; National Science Foundation Postdoctoral Fellow, University of Munich, 1961–1962. At SPU 1963–2002. Emeritus since 2002.

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**Lloyd J. Montzingo**, Mathematics; B.A., Houghton College, 1949; M.A., State University of New York at Buffalo, 1951; Ph.D., 1961. At SPU 1962–1992. Emeritus since 1992.

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**Raymond E. Myers**, Education; B.S., Wayne State University, 1963; M.S., Oregon State University, 1968; Ed.D., 1978. At SPU 1987–2005. Emeritus since 2005.

**Annalee R. Oakes**, Nursing; Dean of the School of Health Sciences; B.S.N., University of Washington, 1970; M.A., 1971; Ed.D., Seattle University, 1988. At SPU 1971–1998. Emerita since 1998.

**Charles A. Olson**, Mathematics; B.A.Ed., Western Washington University, 1963; M.A.T., Washington State University, 1968; Ph.D., University of Washington, 1977. At SPU 1981–1995. Emeritus since 1995.

**Lorelie Olson**, Education; B.A.Ed., Pacific Lutheran University, 1961; M.Ed., Seattle Pacific College, 1968; Ed.D., Seattle University, 1991. At SPU 1976–1999. Emerita since 1999.

**Marilyn H. Poysky**, Nursing; B.A., University of Washington, 1964; M.S., University of California, 1968. At SPU 1987–2003. Emerita since 2003.

**Carl H. Reed**, Music; Dean of the School of Fine and Performing Arts; B.A., Seattle Pacific College, 1951; M.A., University of Washington, 1956; Ph.D., 1966. At SPU 1957–1992. Emeritus since 1991.

**Rose Reynoldson**, English; B.A., University of Washington, 1971; M.A., 1974. At SPU 1977–1993. Emerita since 1993.

**Annette Robinson**, Education; B.A., University of Washington, 1966; M.Ed., 1969; Ph.D., 1976. At SPU 1977–2001. Emerita since 2001.

**Christina Horst Roseman**, Classics; B.A., University of Washington, 1957; M.A., 1972; Ph.D., 1983. At SPU 1973–2001. Emerita since 2001.

**William A. Rosenberger**, Education and Administration; A.B., Roberts Wesleyan College, 1951; M.A., Michigan State University, 1955. At SPU 1976–1993. Emeritus since 1993.

**Carl Roseveare**, Education; B.A., Seattle Pacific College, 1955; M.Ed., University of Arizona, 1957; Ed.D., University of Arizona, 1965. At SPU 1973–1998. Emeritus since 1998.

**William J. Rowley**, Education; B.A. Pasadena College, 1962; M.A., San Jose State College, 1967; Ed.D., University of Northern Colorado, 1973. At SPU 1996–2008. Emeritus since 2008.

**Lynn Samford**, Physical Education; B.A., University of Wyoming, 1950; M.Ed., Central Washington University, 1961. At SPU 1982–1992. Emeritus since 1993.

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**Peter Smith**, Education; B.S.Ed., Oregon College of Education, 1962.; M.S.Ed., 1966; Ph.D., University of Washington, 1974. At SPU 1970–2002. Emeritus since 2002.

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**Raymond J. Wells**, Philosophy and Religion; B.A., Seattle Pacific College, 1946; S.T.B., New York Theological Seminary, 1949; S.T.M., 1950; Ph.D., University of Edinburgh, Scotland, 1955. At SPU 1967–1993. Emeritus since 1993.

**Vernon Wicker**, Music; B.M., Biola College, 1961; M.M., Indiana University, 1964; Goethe Institute, Germany, 1964; D.M.A., University of Oregon, 1979. At SPU 1979–2002. Emeritus since 2002.

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(as of March 2011)

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B.A. Dordt College, 1974; M.Ed., University of Washington, 1979; Ph.D.,  
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Dean of the School of Psychology, Family, and Community, Professor of  
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B.A., Revelle College, University of California, 1973; M.Ed., University of  
Washington, 1975; Ph.D., University of Washington, 1981. At SPU since 1988.

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Dean of the [School of Theology](#), Professor of the History of Christianity  
B.A., Houghton College, 1978; M.Div., Princeton Theological Seminary, 1981;  
Ph.D. Princeton Theological Seminary, 1990. At SPU since 2007.

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Dean of the [School of Business and Economics](#), Associate Professor of Law and  
Ethics  
B.A., University of California-Berkeley, 1976; J.D., Yale Law School, 1979. At  
SPU since 2001.

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Director for the [Center for Scholarship and Faculty Development](#); Director of  
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B.A., Wheaton College, 1982; M.A., New York University, 1988; Ph.D., New  
York University, 1994. At SPU since 1993.

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Special Assistant to the President, Director, [The John Perkins Center for  
Reconciliation, Leadership Training, and Community Development](#)  
B.A., University of Washington, 1994; M.A., Fuller Theological Seminary,  
2007. At SPU since 2001.

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Director for the [Center for Learning](#)  
B.A., Houghton College, 1974; M.A., University of Maryland, 1977. At SPU  
since 2007.

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Director of [Student Programs](#)  
B.A., Seattle Pacific University, 1987; M.Ed., Seattle University, 2005. At SPU  
since 2005.

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B.S.N., Seattle Pacific University, 1974. At SPU since 1982.

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B.A., Washington State University, 1985; M.Ed., Washington State University,  
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B.A., University of Washington, 1974; M.Ed., Lewis and Clark College, 1976.  
At SPU since 1983.

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B.A., Azusa Pacific College, 1978; M.A., Azusa Pacific University, 1983. Ed.D.; Seattle Pacific University 2003. At SPU since 1986.

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B.A., Madonna University 1984; M.M., University of Mass Amherst 1987; Doctor of Musical Arts, University of Michigan Ann Arbor 1994. At SPU since 2005.

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Athletic Director and Senior Women's Administrator

B.A., University of Washington, 1996; M.S., Seattle Pacific University, 2001. At SPU since 2003.

**Mark Collings, B.A., B.S.**

Head [Men's Soccer](#) Coach

B.A., Seattle Pacific University, 2001; B.S., Seattle Pacific University, 2001. At SPU since 2001.

**Erika Daligcon , B.A.**

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B.A., Seattle Pacific University, 1998. At SPU since 2002.

**Jason Durocher, M.A.**

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**Ryan Looney, M.S.**

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B.S., Eastern Oregon University, 1998. M.S., University of Wisconsin-LaCrosse, 2001. At SPU since 2009.

**Robert C. Huber, M.A.**

Associate Athletic Director

B.A., Whitworth College, 1962; M.A., California State University-Long Beach, 1965. At SPU since 1976.

**Keith P. Jefferson, B.A.**

Head Crew Coach

B.A., Seattle Pacific University, 1983. At SPU 1987–1989 and since 1990.

**Chris D. Johnson, B.A.**

Head Volleyball Coach

B.A., Westmont College, 2002. At SPU since 2004.

**Chris N. Johnson, B.A.**

Sports Information Director

B.A., Whitworth College, 2007. At SPU since 2007.

**Howard E. Kellogg, B.A.**

Director of Intramural and Club Sports; Facilities Manager

B.A., Whitworth College, 1972. At SPU since 1981.

**Dan Lepse, B.A.**

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B.A., University of Washington, 1987; At SPU since 2008.

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Head Track and Field Coach

B.A., Pacific Lutheran University, 1998; M.A., Trinity College, 2002. At SPU 2000, 2003, and since 2005.

**Donte Quinine, M.A.**

Assistant Athletic Director for Compliance

B.A., University of Oregon, 2004; M.A., Gonzaga University, 2006. At SPU since 2004.

**Chuck T. Sekyra, B.A.**

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B.A., Seattle Pacific University, 1989. At SPU 1998–2000 and since 2003.

**Laurel J. Tindall, B.A.**

Women's Gymnastic Coach, Director of Falcon Gymnastics Center

B.A., Seattle Pacific College, 1975. At SPU since 1975.

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B.A., Northwest Nazarene College, 1989; M.Ed., Southern Nazarene College, 1994. At SPU since 2005.

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B.A., Nyack College, 1973; M.A., New School for Social Research, 1977. At SPU since 1981.

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University Registrar

B.A., Warner Pacific College, 1984; M.S., Seattle Pacific University, 1991. At SPU since 1988.

**Jerald L. Finch, M.B.A.**

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B.S., Southern Illinois University, 1971; M.B.A., Eastern Washington University, 1978. At SPU since 1988.

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B.A., Seattle Pacific College, 1970; M.C., University of Washington, 1979.  
EdD., Seattle Pacific University, 2005. At SPU 1970–1972, 1973–1976, and  
since 1980.

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Director of University Communications, Senior Editor [Response](#)  
B.A., Seattle Pacific University, 1981. At SPU 1981–1985 and since 1987.

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B.A., University of Oregon, 1993; M.P.A., Seattle University, 2004. At SPU  
since 2004.

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Director of [Undergraduate Admissions](#)  
B.A., Gordon College, 1997; MBA, Seattle Pacific University, 2010; At SPU  
since 2002.

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Associate Vice President for [Information and Data Management](#)  
B.A., Washington State University, 1977; M.P.A., The Evergreen State  
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Seattle Pacific University, 1988. At SPU since 1980.

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Assistant Vice President for [Facility Management](#)  
B.S., Seattle Pacific University, 1981. At SPU since 1981.

**Craig G. Kispert, M.B.A., CPA**

Associate Vice President for Business & Finance  
B.A., Seattle Pacific University, 1988; M.B.A., Seattle University, 1991; CPA,  
State of Washington, 1994. At SPU since 1993.

**Murray J. Lawson, B.C.**

Director of [University Services](#)  
B.C., Mount Allison University, 1967. At SPU since 2001.

**Gordon A. Nygard, M.B.A**

Vice President and Treasurer, [Seattle Pacific Foundation](#) and Assistant Vice  
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B.A., Seattle Pacific College, 1973. M.B.A., Seattle Pacific University, 2005. At  
SPU since 1988.

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A.A., Judson Baptist College, 1978. At SPU since 1986.

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B.A., Seattle Pacific College, 1975; M.S., Seattle Pacific University, 1989. At  
SPU since 1975.

**Steve M. Whitehouse, M.B.A**

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B.A., Bethel College, 1985. M.B.A., University of St. Thomas, 2002. At SPU  
since 2002.

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B.S., Northern Arizona University, 1981. M.A., University of Phoenix, 1991. At  
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B.A., Seattle Pacific University, 1987. At SPU since 1999.

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B.A., Seattle Pacific University, 1985; M.B.A., Seattle Pacific University, 1994.  
At SPU since 1990.

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B.S., Biola University, 1981; M.B.A., California State University- Long Beach,  
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Vice President and Treasurer, Seattle Pacific Foundation and Assistant Vice  
President for University Advancement  
B.A., Seattle Pacific College, 1973. M.B.A., Seattle Pacific University, 2005. At  
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B.A., University of California-Berkley, 1975. M.Div., Fuller Seminary, 1979. At  
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B.A., Western Michigan University, 1951; M.Div., Asbury Theological Seminary, 1953; M.A., University of Michigan, 1955; Ph.D., University of Michigan, 1958. At SPU 1968–82. Emeritus since 1982.

## Alumni Association

The Seattle Pacific University Alumni Association is an organization of former students and graduates. The Young Alumni Council works in concert with the Alumni Board.

Three times a year, Seattle Pacific University publishes and sends free to alumni and friends of SPU, *Response* magazine. Alumni can also receive *Connections*, a free e-newsletter sent out three times a year.

All alumni are urged to keep the Association informed of changes in address and employment, births, marriages, and any other information of interest to their fellow members.

The Alumni Center is located at 316 West Nickerson. Area meetings are held throughout the nation under the leadership of area alumni representatives. There are also many local events, including Homecoming and Family Weekend and reunions. The Association assists the University through referral of prospective students and campus volunteer services. The alumni staff is employed by the University for the coordination of the association's activities.

## Alumni Board

Jennifer Feddern Kenney '91	Chair
Keith Phillips '56	Vice Chair
Molly Montgomery Sheffield '92	Secretary

## Representatives at Large

Greg Asimakoupoulos '74

Dawn Zook '81

Chris Sharpe '06

**Appointive Members**

Greg Hunter '92

Kathy Mayhle '58

Gary Newbill '64

Karen Teel '74

Doug Sheldon '81

Sharon Wortman '63

**Staff Representatives**

Ken Cornell '85, Director, Alumni and Parent Relations

Laila Sharpe '73, Associate Director Alumni and Parent Relations

Linda Nolte '82, Office Manager

Bobbie Taylor, Program Manager

## University Calendar 2011-12

### Autumn Quarter 2011

Housing Deposit Refund Deadline for New Students	Thu	June 30
Autumn Registration for Non-Admitted Students Begins	Thu	September 1
<i>Labor Day (holiday)</i>	<i>Mon</i>	<i>September 5</i>
Waitlist Ends	Thu	September 22
New Student Check-in (9 a.m.-3:30 p.m.)	Thu	September 22
Returning Student Check-in (11 a.m.-5 p.m.)	Sat	September 24
Returning Student Check-in (1-5 p.m.)	Sun	September 25
Class Instruction Begins	Mon	September 26
Last Day to Register or Add Courses*, to Register Without Late Fee, or to Apply for Audit	Fri	September 30
Autumn Quarter 100% tuition refund deadline	Fri	September 30
Last Day to Apply for Pass/No Credit, Independent Study, Internships, and Individual Instruction	Fri	October 7
Autumn Quarter 75% tuition refund deadline	Fri	October 7
Autumn Quarter 50% tuition refund deadline	Fri	October 14
Day of Common Learning	Wed	October 19
Autumn Quarter 25% tuition refund deadline	Fri	October 28
Last Day to Withdraw From Courses	Fri	November 4
<i>Veterans Day (holiday); no classes</i>	<i>Fri</i>	<i>November 11</i>
Winter Registration for Admitted Students Currently in Attendance	Mon–Thu	Nov 14-17
<i>Thanksgiving (holiday); no classes</i>	<i>Thu–Fri</i>	<i>Nov 24-25</i>
Winter Registration for Graduate or New Admits Begins	Mon	November 28
Last Class for Day Classes	Fri	December 2
Winter Registration for Non-Admitted Students Begins	Mon	December 5
Final Examinations or Last Class for All Day and Evening	Mon–Wed	Dec 5-7

Classes

Residence Halls close for Christmas Break (10 a.m.)	Thu	December 8
Grades Due	Mon	December 19

**Winter Quarter 2012**

Housing Deposit Refund Deadline for Cont. Students	Mon	November 28
Housing Deposit Refund Deadline for New Students	Wed	December 7
Waitlist Ends	Mon	January 2
Residence Halls open (1 pm)	Tue	January 3
Class Instruction Begins	Wed	January 4
Last Day to Register or Add Courses*, to Register Without Late Fee, or to Apply for Audit	Tue	January 10
Winter Quarter 100% tuition refund deadline	Tue	January 10
<i>Martin Luther King Jr. Day (holiday); <u>evening classes meet**</u></i>	Mon	January 16
Last Day to Apply for Pass/No Credit, Independent Study, Internships, and Individual Instruction	Wed	January 18
Winter Quarter 75% tuition refund deadline	Wed	January 18
Winter Quarter 50% tuition refund deadline	Wed	January 25
Winter Quarter 25% tuition refund deadline	Wed	February 8
Last Day to Withdraw From Courses	Fri	February 10
Spring Registration for Admitted Students Currently in Attendance	Mon-Thu	Feb 13-16
<i>Presidents Day (holiday); <u>evening classes meet**</u></i>	Mon	February 20
Spring Registration for Graduate or New Admits Begins	Mon	March 5
Last Class for Day Classes	Mon	March 12
Spring Registration for Non-Admitted Students Begins	Mon	March 12
Student Reading	Tue	March 13
Final Examinations or Last Class for All Day and Evening Classes	Wed-Fri	March 14-16
Residence Halls close for Spring Break (10 a.m.)	Sat	March 17
Spring Vacation		March 17–27
Grades Due	Thu	March 22

## Spring Quarter 2012

Housing Deposit Refund Deadline for Continuing Students	Fri	March 2
Housing Deposit Refund Deadline for New Students	Fri	March 16
Waitlist Ends	Mon	March 26
Residence Halls open (1 p.m.)	Tue	March 27
Class Instruction Begins	Wed	March 28
Last Day to Register or Add Courses*, to Register Without Late Fee or to Apply for Audit	Tues	April 3
Spring Quarter 100% tuition refund deadline	Tues	April 3
<i>Good Friday (half-day holiday)</i>	<i>Fri</i>	<i>April 6</i>
Last Day to Apply for Pass/No Credit, Independent Study, Internships and Individual Instruction	Wed	April 11
Spring Quarter 75% tuition refund deadline	Wed	April 11
Summer Registration Begins	Mon	April 16
Spring Quarter 50% tuition refund deadline	Wed	April 18
Spring Quarter 25% tuition refund deadline	Wed	May 2
Last Day to Withdraw From Courses	Fri	May 4
Autumn Registration for Admitted Students Currently in Attendance	Mon–Thu	May 14-17
Autumn Registration for New Admits Begins	Sat	May 19
Autumn Registration for Graduate Students Begins	Mon	May 21
<i>Memorial Day (holiday); <u>evening classes meet**</u></i>	<i>Mon</i>	<i>May 28</i>
Last Class for Day Classes	Fri	June 1
Student Reading/Faculty In-Service Day	Mon	June 4
Final Examinations or Last Class for All Evening Classes	Mon–Thu	June 4-7
Final Examination for All Day Classes	Tue–Thu	June 5-7
Ivy Cutting	Fri	June 8
Residence Halls close for Summer Break (4 p.m.)	Fri	June 8
Commencement	Sat	June 9
Graduating Seniors vacate housing	Sun	June 10
Grades Due	Mon	June 18

## Summer Sessions 2012

First Four-Week Session Begins	Mon	June 11
First Four-Week Education Graduate Session Begins	Mon	June 25
<i>Independence Day (Holiday); no classes</i>	<i>Wed</i>	<i>July 4</i>
Second Four-Week Session Begins	Mon	July 9
Last day to register for independent study, internship, individual instruction and dissertation	Mon	July 9
Second Four-Week Education Graduate Session Begins	Mon	July 23
Grades Due	Tue	September 11

*Evening classes include all classes that begin at 4:00 p.m. or later. The last day of class is the week prior to the scheduled final.*

*\*Late fees will be charged if registration occurs after the fifth day of the instructional quarter. Students must process a registration petition to be considered for later registration with supporting statements from each instructor.*

*\*\*Monday evening classes will meet on Martin Luther King Jr. Day, Presidents Day, and Memorial Day in order to have the required class sessions.*

**Students who withdraw from University housing** after the beginning of the contract period will forfeit their room deposit and will receive a refund of their room and meal plan charges based on the date they sign their checkout form, according to the following schedule:

First week of the quarter	90%
Second week of the quarter	75%
Third week of the quarter	50%
Fourth and fifth weeks of the quarter	25%
Sixth week of the quarter and following	0%

**Note:** *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.*

## Seattle Pacific: A Premier Christian University

Seattle Pacific University's mission is to engage the culture and change the world with the gospel of Jesus Christ. As a premier Christian university, we seek to do this by graduating people of competence and character, by pursuing the kind of scholarship that brings light and understanding into the world, and by modeling a grace-filled community.

What does this mean to you? It means that as a student, you'll be challenged to think, to grow, and to act. You'll be taught by world-class scholars who approach their academic disciplines from a Christian perspective. You'll also participate with your professors and classmates in active learning and engagement in Seattle and around the world.

Seattle Pacific seeks to create a community that will provide you with both freedom and support as you grapple with difficult questions. Our goal is to help you emerge with knowledge and skill, and with an even deeper Christian conviction and desire for Christian leadership and service.

We work hard to maintain and strengthen the Christian academic community at SPU. One way in which we do this is by selecting faculty and staff members who are unapologetically Christian, share the same essentials of faith, and exhibit a vital concern for the education and faith development of students.

Another way is through the Christian Faith Exploration program, which includes worship, faculty-led small groups, forums on current issues, and urban and worldwide ministry. All full-time undergraduate students must meet Seattle Pacific's Christian Faith Exploration requirement.

Students are also asked to adhere to community standards of behavior. They are expected to refrain from academic cheating; sexual immorality; use of tobacco, alcohol, or illegal drugs; and participation in acts of racial or sexual harassment. These are not rules for rules' sake, but are intended to show respect for SPU's Christian tradition and for other community members.

Seattle Pacific University's Christian identity is central to our mission as a university. We believe that without faith, knowledge is incomplete.

## Seattle Pacific University Nondiscrimination 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 religious educational institution operating under the auspices of 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:

Associate Vice President for Academic Affairs/Dean of Student Life  
Campus Location: Room 209, [Student Union Building](#)  
Seattle Pacific University 3307 Third Avenue West, Suite 212  
Seattle, Washington 98119-1950  
206-281-2481

Executive Director of [Human Resources](#)  
Campus Location: 330 West Nickerson Street  
Seattle Pacific University  
3307 Third Avenue West, Suite 302  
Seattle, Washington 98119-1957  
206-281-2809

If you believe you may have been discriminated against in violation of this policy, please immediately contact one of the individuals designated above. Copies of the [Grievance Procedures](#) may be obtained from the above designated individuals; the [Office of Student Life](#); or the [Office of Human Resources](#).



This publication is certified as true and correct in content and policy as of the date of publication. The University reserves the right, however, to make changes of any nature in programs, calendar, academic policy, 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.