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Majors and Minors

Saint Mary's College of California

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Majors and Minors

Accounting

While confirming the discipline's technical content, the Department of Accounting also endeavors to present accounting as a liberal discipline. When discussing accounting rules and standards, the emphasis is given to fundamental underlying principles and the conceptual framework of the discipline. In explaining complex standards, the faculty consider the economic consequences of accounting rules and pronouncements. In all accounting courses, professors seek to strengthen students' skills of analysis, synthesis, and oral and written communication. In order to meet the 150-hour educational requirement set by California law, the department offers a Master of Science (MS) in Accounting degree program.

Faculty

Gregory Merrill, PhD, C.P.A., *Associate Professor, Chair*

Cathy Finger, PhD, *Associate Professor*

Kevin McGarry, PhD, *Associate Professor*

June Woo Park, PhD, *Assistant Professor*

Andreas Simon, PhD, *Assistant Professor*

Sankaran Venkateswar, PhD, C.P.A., *Associate Professor, Undergraduate Accounting Program Director*

Program Learning Outcomes

Graduates will be knowledgeable entry-level accountants.

Graduates will demonstrate an awareness of ethical issues.

Graduates will be effective communicators.

Internships

Students who want to combine study with practical experience in accounting should contact the program director and the SEBA internship coordinator in advance for information on a variety of opportunities available in both the private and public sectors. Academic course credit for internships may be available through enrollment in the Accounting Internship (ACCTG 195) course.

Prerequisite Grade

Any course listed in this department with a prerequisite requires a grade of C- or better in the prerequisite course.

Accounting, BS

Lower Division

ACCTG 001 - Financial Accounting

ACCTG 002 - Managerial Accounting

ECON 003 - Principles of Microeconomics

ECON 004 - Principles of Macroeconomics

MATH 004 - Introduction to Probability and Statistics

OR

BUSAD 040 - Business Statistics

Upper Division

Business Core

BUSAD 120 - Business Law BUSAD

123 - Financial Management BUSAD

124 - Marketing

BUSAD 131 - Managing and Leading in Organizations

BUSAD 132 - Global Operations Management

BUSAD 140 - Strategic Management

BUSAD 181 - Business Ethics and Social Responsibility

Accounting Major

ACCTG 160 - Intermediate Accounting 1

ACCTG 160L - Lab #1: Editing and Introduction to Speaking

ACCTG 161 - Intermediate Accounting 2

ACCTG 161L - Lab #2: Informative Writing and Speaking

ACCTG 162 - Intermediate Accounting 3

ACCTG 162L - Lab #3: Argument

ACCTG 164 - Auditing

ACCTG 164L - Lab #4: Oral Presentation

ACCTG 168 - Tax Accounting

ACCTG 191 - Accounting Information Systems

Note

Students may not transfer more than two upper-division accounting courses from another institution for credit in the accounting major (or minor). Transfer credits must be approved by the program director.

Accounting Minor

Minor Requirements

A student may earn only one minor in the School of Economics and Business Administration. The requirements for a minor in accounting are:

ACCTG 001 - Financial Accounting

ACCTG 002 - Managerial Accounting

ECON 003 - Principles of Microeconomics

ECON 004 - Principles of Macroeconomics

ACCTG 160 - Intermediate Accounting 1

ACCTG 161 - Intermediate Accounting 2

ACCTG 162 - Intermediate Accounting 3

AND one additional upper-division accounting course selected from:

ACCTG 164 - Auditing

ACCTG 168 - Tax Accounting

Allied Health Science

The School of Science offers an interdisciplinary major in allied health science. This program provides a strong foundation in natural science and human biology. The Allied Health Science major prepares students to pursue graduate programs in physical therapy, physician assistant, nursing, occupational therapy, public health, and other health careers that require a science background and have a service orientation (listed below). The student must meet with the Allied Health Advisor on admission to the College to design a course of study that will meet their individual needs and interests.

The AHS major is consistent with the mission of the College to offer students a diverse liberal arts curriculum that is enhanced by an area of study-in this case the biological, biochemical, chemical, psychological, and physical sciences. The courses that fulfill the AHS major allow students to acquire scientific knowledge, integrate that knowledge among different fields of science, and apply it in the professional environment. Finally, the AHS major facilitates education of a community of students with common goals to enhance the health and well-being of their communities through a variety of health service-oriented professions.

Learning Outcomes

1. **DEMONSTRATE** competence in the scientific principles of human health in all four major areas of Allied Health Science: biology, chemistry, psychology, and kinesiology including knowledge of human anatomy and physiology and its relevance to human health;
2. **UNDERSTAND** and practice scientific inquiry through observation and/or experimentation including logic of experimentation, data analysis and ethical implications;
3. **ANALYZE**, interpret, integrate and evaluate scientific literature with the ability to communicate findings in a written format;
4. **GAIN** exposure to professional environments where philosophical and theoretical principles are applied while demonstrating an understanding and respect for the value of individuals, communities, and perspectives of difference.

Career Paths

See career paths below and electives need to complete prerequisites for various degree programs:

Physical Therapy (take PHYSI 010 & PHYSI 011 and PSYCH 140, PSYCH 152, & PSYCH 160)

Occupational Therapy (take PSYCH 140, PSYCH 152, & PSYCH 160)

Physician Assistant (take PHYSI 010 & PHYSI 011, CHEM 104 & CHEM 106, BIOL 105, BIOL 130, and Anthropology/Sociology)

Medical Assisting (take PHYSI 010 & PHYSI 011 and CHEM 104 & CHEM 106)

Nursing (take AHS 101, BIOL 105, BIOL 130, and COMM 112 - also note that a 1-year Accelerated Bachelor's of Science in Nursing Degree is required after SMC graduation)

Medical and Clinical Lab Tech (take PHYSI 010 & PHYSI 011 and CHEM 104 & CHEM 106)

Sonography (take PHYSI 010 & PHYSI 011)

Nutrition (take PHYSI 010 & PHYSI 011 and CHEM 104 & CHEM 106)

Dietetics (take CHEM 104 & CHEM 106, BIOL 105, BIOL 130, BIOL 135 , AHS 101)

Genetic Counseling (take CHEM 104 & CHEM 106)

Radiologic Technology (take COMM 112, PHYSI 010 & PHYSI 011, and Medical Terminology off campus)

Nuclear Medicine (take COMM 112, PHYSI 010 & PHYSI 011, and Medical Terminology off campus)

Public Health

Health Administration

Phlebotomy

Paramedic & EMT

Major Requirements

The Allied Health Science major comprises 16 lower- and upper-division courses, many with corresponding laboratories, detailed below. To officially declare an Allied Health Science major, students must have completed CHEM 008 & CHEM 009 with a C- or better. In order to finish an Allied Health Science major within four years, it is essential that students complete CHEM 010 & CHEM 011 prior to the beginning of their sophomore year.

Allied Health Science, BS

Lower Division

CHEM 008 - General Chemistry I

CHEM 009 - General Chemistry Lab I

CHEM 010 - General Chemistry II

CHEM 011 - General Chemistry Lab II

MATH 027 - Calculus I

MATH 004 - Introduction to Probability and Statistics (may take MATH 028 or MATH 038 instead of MATH 004)

BIOL 001 - Introduction to Cell Biology, Molecular Biology and Biochemistry

BIOL 002 - Introductory Biology for Majors: Organisms and Evolution

BIOL 015 - Human Anatomy

BIOL 016 - Human Anatomy Laboratory

BIOL 025 - Human Physiology AND

BIOL 026 - Human Physiology Laboratory

OR

BIOL 127 - Systemic Physiology (has a two semester organic chemistry prerequisite)

PSYCH 001 - Introduction to Psychology

Upper Division

In addition, a minimum of six upper-division courses is to be taken from biology, psychology, kinesiology (at least one from each department), and chemistry (optional). At least two upper division courses must have a laboratory component. The selection of upper-division courses for this major is done in consultation with the Allied Health Advisor. Finally, AHS 100/101, will be taken which fulfills the Writing in the Discipline requirement of the major. A total of 17 upper-division courses are to be completed by graduation.

Anthropology

Anthropology studies human life in a comparative, cross-cultural, holistic perspective, and is the only social science to do so. The discipline traditionally has been divided into four subfields: cultural and social anthropology (the comparative study of the range and variability of cultures), archaeology (the study of the human past through material artifacts), linguistics (the origin and development of languages and their use in social contexts), and physical or biological anthropology (encompassing primatology and human evolution). Although we are a small department, we are able to offer a four-field approach and also include applied anthropology courses.

Anthropology is distinct in its insistence that the foundations for theorizing and the comparison of cultures be based on firsthand ethnographic fieldwork. Originally, the focus was on nonliterate peoples of the past and present, but anthropological theories and methods are increasingly applied to the populations of literate, complex societies. Current faculty in the department have conducted fieldwork in China, the Philippines, Hawai'i, American Samoa, Colombia,

Ecuador, Peru, Bolivia, Italy, and the Napa Valley, Calif. Faculty have also led January Term study trips to China, Hawai'i, the Cook Islands, Ecuador, Guatemala, Las Vegas, Nev., and San Francisco, Calif.

From its beginning as an academic discipline in the United States in the late 19th century, anthropology has argued for the fundamental physical and psychic unity of humankind and against theories of eugenics and racial inequality. Besides its academic foci, a major emphasis of anthropology is its application in such fields as education, medicine, business, law, human rights, international development and conflict resolution. Most of our graduates enter the working world, but some join organizations such as the Peace Corps or Lasallian Volunteers, and a smaller number go on to graduate or professional schools. Our curriculum prepares all students broadly to be literate, informed, questioning, ethical and socially-aware citizens.

We offer additional academic preparation in the form of presentation of academic papers at the Santa Clara University undergraduate social science student research conference, independent study, National Science Foundation Research Opportunities for Undergraduates mentoring, grants for participation in summer archaeological field schools, field placement at local social service organizations and an honors thesis for students intending to continue their formal education. (These opportunities are open to all our students, but we encourage them for students applying to graduate and professional schools.) All students are encouraged to learn a foreign language and to study abroad.

Students also can take advantage of a course exchange program to enroll in Anthropology and Archaeology courses at Mills College, The University of California, Berkeley, and California State University East Bay.

Faculty

Dana R. Herrera, PhD, Professor, Chair

Anna Corwin, PhD, Assistant Professor

Jennifer Heung, PhD, Professor

Lynn M. Meisch, PhD, Professor Emerita

Paola Sensi-Isolani, PhD, Professor Emerita

Cynthia Van Gilder, PhD, Professor

Learning Outcomes

When students have completed the anthropology program they will be able to:

APPRECIATE the great diversity of human cultures and the interrelatedness of economic, socio-political and religious systems.

APPROACH cultural diversity with thoughtfulness and sensitivity.

EXAMINE their lives in social and cultural contexts and assess how their lives are affected by the specific time and place in which they live.

UNDERSTAND anthropological theory and methods and how they are applicable in and beyond academia.

EMPLOY critical reading, writing and thinking skills that will allow them to understand and contribute to an increasingly complex, multicultural and interdependent world.

EXPRESS themselves with confidence and clarity in both oral and written communication. This includes an understanding of the difference between primary and secondary sources and how to properly cite and reference those sources.

Major Requirements

The anthropology major comprises 13 lower- and upper-division courses. Students are exposed to all four of the traditional subdisciplines of anthropology while having the choice of majoring in anthropology or anthropology with an archaeology concentration.

A grade of C- or higher is required for coursework to count toward the major or minor.

Note: Courses are offered on a rotating basis unless otherwise noted.

Anthropology, BA

Required Lower Division Courses

ANTH 001 - Introduction to Social and Cultural Anthropology
ANTH 005 - Introduction to Archaeology
BIOL 007 - Introduction to Biological Anthropology

Required Upper Division Courses

ANTH 100 - Principles of Anthropology
ANTH 105 - Linguistic Anthropology
ANTH 121 - World Cultures
ANTH 130 - Anthropological Theory
ANTH 132 - Anthropological Research Methods AND

- Five electives

Anthropology, Archaeology Concentration, BA

Required Lower-Division Courses

ANTH 001 - Introduction to Social and Cultural Anthropology
ANTH 005 - Introduction to Archaeology
BIOL 007 - Introduction to Biological Anthropology AND

- Two .25 credit ANTH 011 - Introduction to Archaeological Methods labs.

Required Upper-Division Courses

ANTH 100 - Principles of Anthropology
ANTH 105 - Linguistic Anthropology
ANTH 121 - World Cultures
ANTH 127 - Topics in Archaeology
ANTH 129 - Ancient Civilizations
ANTH 130 - Anthropological Theory
ANTH 132 - Anthropological Research Methods AND

- Two electives

Anthropology Minor

Required Lower-Division Courses

ANTH 001 - Introduction to Social and Cultural Anthropology AND
ANTH 005 - Introduction to Archaeology

OR

BIOL 007 - Introduction to Biological Anthropology

Required Upper-Division Courses

ANTH 100 - Principles of Anthropology
ANTH 121 - World Cultures AND

- Two electives

Archaeology Minor

Required Lower-Division Courses

ANTH 005 - Introduction to Archaeology AND
One .25 credit ANTH 011 - Introduction to Archaeological Methods

Required Upper-Division Courses

ANTH 100 - Principles of Anthropology
ANTH 127 - Topics in Archaeology
ANTH 129 - Ancient Civilizations

- One elective

Art & Art History

The Department of Art and Art History is an innovative, laboratory program focused on the practice, history, and theory of art. Courses in a variety of artistic mediums, theoretical frameworks, and historical periods inspire students to analyze, interpret, and create art in context. Students thus learn to consider art objects and practices in relation to political, psychological, religious, aesthetic, and technological formations in society. The department faculty members encourage students to embrace the liberal arts tradition with respect to critical thinking, self-discovery and personal expression, while the College's Catholic and Lasallian traditions help to deepen and broaden the student's engagement with art. Our courses also encourage the development of practical skills enhanced through internships in galleries, museums, art centers, auction houses and more.

The department currently offers three Bachelor of Arts majors: Art Practice, the History of Art, and Art Theory and Criticism.

The coursework in Art Practice ranges in approach from traditional studio work to digital, new media and other contemporary practices. The department's instruction in art practice integrates technical fundamentals and conceptualization, creative experimentation and critical thinking, personal expression and social responsibility. Students learn to engage in discussion and group-critiques as part of their professional preparation and as an integral way of participating in and benefiting from a community of shared inquiry. The coursework in History of Art, presented alongside courses in archeology, anthropology, religious studies and world languages and presents the rich tradition of art. The coursework in Art Theory and Criticism emphasizes conceptualization in modern and contemporary art practices, the asking of foundational questions about the nature and function of art in relation to human subjectivity and society, and the endeavor to link the aims of art to concerns in other disciplines.

The three departmental majors undertake an inclusive series of lower-division courses in the history, practice, theory and criticism of art. These courses are intended to give a general overview of the variety and breadth of artistic media and practices. Students in each major pursue particular emphases in their upper-division studies.

A degree from the Department of Art and Art History provides alumni with an appreciation of visual art as a way of knowing. Through personalized advising, the department prepares students to further their studies at the graduate level in curatorial studies, studio art, history of art, digital filmmaking, graphic design, critical theory, art criticism, and other related fields.

Acknowledging the importance of direct contact with diverse artistic practices, students in each major are encouraged to study abroad through the college's many art-focused travel programs. Students are provided with academic internships at museums, auction houses, artists' studios and galleries that prepare them for employment in art-related fields upon graduation.

The Art and Art History Department offers a merit-based scholarship by application for incoming Saint Mary's students. This scholarship is designed for prospective students with leadership potential who wish to pursue studies in studio or video art production. Application guidelines are available on the department website.

Art Practice Faculty

Peter Freund, PhD, *Professor, Digital Media, Experimental Film/Video, Art Theory*

Andrew Mount, EdD, *Assistant Professor, Studio, Printmaking, Gallery Team*

Laura Miller, MFA, *Visiting Professor, Digital Media, Experimental Film/Video, Sculpture, Installation, Interactive Art*

History of Art Faculty

Costanza Dopfel, PhD, *Professor and Chair, History of Art, World Languages & Cultures, Medieval, Renaissance and Baroque Art*

Hossein Khosrowjah, PhD, *Visiting Professor, History of non-Western Art, Film, Theory and Criticism*

Anna Novakov, PhD, *Professor Emerita*

Affiliated History of Art Faculty

Thomas Poundstone, PhD, *Theology and Religious Studies, Christian Art and Baroque Art*

Cynthia Van Gilder, PhD, *Anthropology, Archeology and Art of the Pacific and the Americas*

Art Practice Learning Outcomes

When they have completed the program of study with an art practice emphasis students should be able to:

MOUNT a cohesive exhibition of their artwork and produce a comprehensive thesis document discussing the ideas, techniques and influences in their artwork.

DEMONSTRATE an understanding of and facility for the use and application of several different media, especially that of their preferred medium.

ARTICULATE their artwork's content and intention and visually manifest those ideas.

DEVELOP an ability for objective self-critique and demonstrate an understanding of their own place within a larger art historical context.

EVALUATE clearly different forms of art by other artists in their writings and class discussions.

DEMONSTRATE a foundational knowledge of contemporary and historic artists, particularly those working in their preferred medium. This is evidenced by their writings on art and during critiques and class discussions.

History of Art Learning Outcomes

Upon completion of the major, graduates must have attained the following:

A general knowledge of the monuments and principal artists of all major art periods of the past, including a broad understanding of the art of the twentieth century and acquaintance with the art history of non-western cultures.

Functional knowledge of the creative process through foundation or other studio art courses.

More specific knowledge, in greater depth and precision, of several cultures and periods in the history of art and concentration in at least one area to the upper-division level. Study at the advanced level includes theory, analysis, methodology, and criticism.

Knowledge of the tools, methodologies, and techniques of scholarship. Active research and the writing of analytical, theoretical and critical essays are reinforced throughout the program from the first lower-division survey course to the senior capstone project.

An understanding of the role that art has played and can play in encouraging positive social change.

The ability to synthesize in written essays the interconnection between various forms of artistic expression.

Successful completion of a senior thesis based on an in-depth study of a theme or issue in the history or art.

An understanding of the real-life experience and challenges of working in a museum, auction house or gallery acquired through internships.

Art Theory and Criticism Learning Outcomes

Upon successfully completing the program of study with an art theory and criticism emphasis, students should be able to:

Conduct an extended, rigorous written analysis of artworks by drawing upon concepts from established critical theory tests.

Articulate the theoretical assumptions driving specific interpretations of artworks by availing a knowledge base of art theory and criticism.

Pose and investigate theoretical questions about the nature and function of art by utilizing specific artworks as reference points.

Demonstrate a foundational knowledge of facts and accepted art historical and critical terminology in writing and discussion.

Contextualize established and contemporary artworks within a broader cultural, historical, and political framework.
Produce a work of art or curate an exhibition informed by an art-theoretical concept.

Split Major Agreements

Art Practice: Split Major Agreements

Split majors between Art Practice and other disciplines are available by arrangement. For more information, please email Professor Costanza Dopfel at cdopfel@stmarys-ca.edu.

Art Theory and Criticism: Split Major Agreements

For more information, please email Professor Costanza Dopfel at cdopfel@stmarys-ca.edu.

Note: For curriculum of the Art Theory & Criticism major offered by other departments, please see the course descriptions in those programs: Anthropology (ANTH 120 and ANTH 124); Communication (COMM 100 and COMM 109); English (ENGL 170); Performing Arts (PERFA 001, PERFA 010, PERFA 050, PERFA 118, PERFA 160 and PERFA 184); Philosophy (PHIL 005 and PHIL 111).

History of Art: Split Major Agreements

The department offers three split majors: History of Art and Italian Studies, History of Art and Archaeology, and History of Art and Communication. Other split majors are available by arrangement. For more information, please email Professor Costanza Dopfel at cdopfel@stmarys-ca.edu.

Minor in Cinematic Arts

The curriculum of the Cinematic Arts Minor combines the critical analysis and creative production of the moving image art form, ranging from time-based film and video to new media art. The courses emphasize technical fundamentals and conceptualization, creative experimentation and critical thinking, and personal expression and social responsibility. A hybrid instructional approach for several of the courses integrates critical analysis and creative production in order to encourage students to analyze as well as to produce the moving image art form as an engaged critical practice.

Students minoring in Cinematic Arts take six courses from the disciplines of Art, Communication, English, Anthropology, and World Languages and Cultures. Beyond the coursework, an internship elective (ART 195) provides hands-on experience that can include assisting with a film exhibition, working as an assistant with a faculty filmmaker or researcher, and other options.

Learning Outcomes

Students completing the Minor in Cinematic Arts will be able to:

- Plan, shoot, edit a finished film or video art project.
- Contextualize moving image artworks within a broader cultural, historical, and political framework.
- Utilize critical-theoretical concepts as a springboard to develop a film or video art project.
- Write a concept statement articulating the aims, influences, and process associated with their own production work.
- Write an extended critical essay integrating research, analysis, and interpretation of cinematic works of art.

Degree Requirements and Courses

Art Practice, BA

(14.5 courses)

Lower Division

ART 001 - Studio Art
ART 003 - Basic Design
ART 055 - Digital Art: Photo, Video and Sound
ATC 080 - Art Theory
AH 001 - Survey of World Art: Europe and the United States
OR
AH 002 - Survey of World Arts: Africa, and the Americas

AND a choice of one lower-division course:

ART 004 - Basic Photography
ART 065 - Web Design and Interactive Art
ART 070 - Printmaking
ART 090 - Special Topics in Art Practice

Upper Division

ART 193 - Student Gallery Team *
ART 196 - Capstone Project
ART 198 - Portfolio in Art Practice

Note

* Currently taught as independent study or internship.

AND a choice of seven upper-division courses:

ART 101 - Advanced Drawing
ART 102 - Advanced Painting
ART 104 - Advanced Photography
ART 155 - Experimental Film/Video
ART 165 - Experimental Interactive Media
ART 175 - Interdisciplinary Arts
ATC 180 - Seminar in Theory & Practice of Art
ART 194 - Special Topics in Art
ATC 117 - Art Criticism, 1900-the Present
ATC 118 - Art Since 1930
AH 195 - Academic Internship

Art Theory and Criticism, BA

Lower Division

ATC 080 - Art Theory
AH 001 - Survey of World Art: Europe and the United States
AH 002 - Survey of World Arts: Africa, and the Americas

AND a choice of three electives:

ART 001 - Studio Art
ART 003 - Basic Design
ART 055 - Digital Art: Photo, Video and Sound
ART 065 - Web Design and Interactive Art
PERFA 001 - Perceiving the Performing Arts
PERFA 010 - Introduction to Music: Rock to Bach:
PERFA 050 - Theatre for Social Justice: Interactive Theatre
PHIL 005 - Practical Logic

Upper Division

ATC 111 - Philosophy of New Media Art
ATC 117 - Art Criticism, 1900-the Present
ATC 166 - Issues in Twentieth-Century Art
ATC 180 - Seminar in Theory & Practice of Art
ATC 196 - Capstone Project

AND a choice of four upper-division courses:

ATC 118 - Art Since 1930
AH 194 - Interdisciplinary Topics in Art History
AH 195 - Academic Internship
ANTH 120 - Visual Anthropology
ANTH 124 - Museum Studies
COMM 100 - Communication Theory
COMM 109 - Visual Communication
ENGL 170 - Problems in Literary Theory
PERFA 118 - Twentieth-Century Composers
PERFA 160 - Special Topics in Performing Arts
PERFA 184 - Dance in Performance
PHIL 111 - Philosophy of Art

History of Art, BA

Lower Division

AH 001 - Survey of World Art: Europe and the United States
AH 002 - Survey of World Arts: Africa, and the Americas
ANTH 005 - Introduction to Archaeology
ATC 080 - Art Theory

AND two lower-division courses:

ART 001 - Studio Art
ART 003 - Basic Design
ART 004 - Basic Photography
ART 055 - Digital Art: Photo, Video and Sound
ART 070 - Printmaking
ART 090 - Special Topics in Art Practice

Upper Division

AH 196 - Senior Thesis

AND a choice of eight upper-division courses:

AH 100 - Women and Art
AH 144 - Issues in Non-Western Arts
AH 145 - Issues in Medieval, Renaissance or Baroque Art
AH 165 - Issues in American Art
AH 166 - Issues in Modern Art
AH 188 - Applied Research: Community Service
AH 194 - Interdisciplinary Topics in Art History
AH 195 - Academic Internship
ANTH 124 - Museum Studies
ANTH 127 - Topics in Archaeology (Historical Archaeology: Material Culture and Ethnicity)

ANTH 129 - Ancient Civilizations
ART 175 - Interdisciplinary Arts
ART 194 - Special Topics in Art
ATC 117 - Art Criticism, 1900-the Present
ATC 118 - Art Since 1930
ATC 180 - Seminar in Theory & Practice of Art
MODL 126 - Film
MODL 186 - Culture and Civilization of Italy
TRS 160 - Topics in Religion and the Arts (only when pre-approved)
TRS 167 - Visual Theology: Christian Art and Architecture

Art Practice Minor

(8.5 courses)

Lower Division

ART 001 - Studio Art
ART 055 - Digital Art: Photo, Video and Sound

AND a choice of one lower-division course:

ART 003 - Basic Design
ART 004 - Basic Photography
ART 065 - Web Design and Interactive Art
ART 070 - Printmaking
ART 090 - Special Topics in Art Practice
ATC 080 - Art Theory
AH 001 - Survey of World Art: Europe and the United States
AH 002 - Survey of World Arts: Africa, and the Americas

Upper Division

ART 193 - Student Gallery Team *
ART 198 - Portfolio in Art Practice

Note

*Currently taught as independent study or internship.

AND a choice of five upper-division courses:

ART 101 - Advanced Drawing
ART 102 - Advanced Painting
ART 104 - Advanced Photography
ART 155 - Experimental Film/Video
ART 165 - Experimental Interactive Media
ART 175 - Interdisciplinary Arts
ATC 180 - Seminar in Theory & Practice of Art
ART 194 - Special Topics in Art
ATC 117 - Art Criticism, 1900-the Present
AH 195 - Academic Internship

Art Theory and Criticism Minor

Lower Division

ATC 080 - Art Theory
AH 001 - Survey of World Art: Europe and the United States
OR
AH 002 - Survey of World Arts: Africa, and the Americas

AND the choice of one of the following:

ART 001 - Studio Art
ART 003 - Basic Design
ART 055 - Digital Art: Photo, Video and Sound
ART 065 - Web Design and Interactive Art
PERFA 001 - Perceiving the Performing Arts
PERFA 050 - Theatre for Social Justice: Interactive Theatre
PHIL 005 - Practical Logic

Upper Division

ATC 111 - Philosophy of New Media Art
ATC 180 - Seminar in Theory & Practice of Art
ATC 196 - Capstone Project

AND a choice of two of the following:

ATC 117 - Art Criticism, 1900-the Present
ATC 118 - Art Since 1930
ATC 166 - Issues in Twentieth-Century Art
AH 194 - Interdisciplinary Topics in Art History
AH 195 - Academic Internship
ANTH 120 - Visual Anthropology
ANTH 124 - Museum Studies
COMM 100 - Communication Theory
COMM 109 - Visual Communication
ENGL 170 - Problems in Literary Theory
PERFA 118 - Twentieth-Century Composers
PERFA 160 - Special Topics in Performing Arts
PERFA 184 - Dance in Performance
PHIL 111 - Philosophy of Art

Cinematic Arts Minor

Matriculation Pattern

Total Requirement (six courses)

Required Core (four courses)

Lower Division

ART 055 - Digital Art: Photo, Video and Sound

Upper Division

ART 155 - Experimental Film/Video
COMM 125 - Media, Technology and Culture
COMM 158 - Film

Electives

(Choose two)

ANTH 120 - Visual Anthropology
ART 195 - Academic Internship
ATC 080 - Art Theory
ATC 111 - Philosophy of New Media Art
COMM 133 - Video Production
ENGL 125 - Film
OR
ENGL 126 - Topics in Film
MODL 126 - Film *

Note

* Before enrolling in MODL 126, students should contact the instructor regarding a possible foreign language requirement. This requirement varies depending on the section.

History of Art Minor

Lower Division

AH 001 - Survey of World Art: Europe and the United States
AH 002 - Survey of World Arts: Africa, and the Americas

A choice of one lower-division course:

ANTH 005 - Introduction to Archaeology
ART 001 - Studio Art
ART 003 - Basic Design
ART 004 - Basic Photography
ART 055 - Digital Art: Photo, Video and Sound
ART 070 - Printmaking
ATC 080 - Art Theory

AND a choice of three upper-division courses:

AH 100 - Women and Art
AH 144 - Issues in Non-Western Arts
AH 145 - Issues in Medieval, Renaissance or Baroque Art
AH 165 - Issues in American Art
AH 166 - Issues in Modern Art
AH 188 - Applied Research: Community Service
AH 194 - Interdisciplinary Topics in Art History
AH 195 - Academic Internship
ANTH 124 - Museum Studies
ANTH 127 - Topics in Archaeology (Historical Archaeology: Material Culture and Ethnicity)
ANTH 129 - Ancient Civilizations
ART 175 - Interdisciplinary Arts
ART 194 - Special Topics in Art
ATC 117 - Art Criticism, 1900-the Present
ATC 118 - Art Since 1930
ATC 180 - Seminar in Theory & Practice of Art
MODL 126 - Film
MODL 186 - Culture and Civilization of Italy
TRS 160 - Topics in Religion and the Arts (only when pre-approved)
TRS 167 - Visual Theology: Christian Art and Architecture

Biochemistry

Biochemistry is the study of biological phenomena using chemical principles. The Biology and Chemistry departments jointly offer a major in biochemistry to serve students whose scientific interests lie at the intersection between biology and chemistry. Majoring in this important interdisciplinary field will prepare students for a variety of options upon graduation: employment in the biotechnology, pharmaceutical, or similar industries; graduate work in biochemistry or many related fields; entry into professional schools such as medicine or dentistry; or teaching at the K-12 level. Using a balance of theoretical and experimental work, the curriculum attempts to provide students with a solid understanding of fundamental concepts, the ability to reason through unfamiliar problems, the tools to investigate a topic in depth, and the communication skills that are needed to share information with others.

By majoring in biochemistry, students will fulfill many learning outcomes that can be arranged under three broad categories: 1) Obtain a solid foundation in fundamental biochemical concepts; 2) Acquire the tools to independently investigate a topic; 3) Develop habits of critical thinking and communication that can reinforce many of the College's core curriculum goals.

Faculty and Steering Committee

Jeffrey A. Sigman, PhD, *Professor, Director*

James Berleman, PhD, *Associate Professor*

Vidya Chandrasekaran, PhD, *Associate Professor*

Jim Pesavento, PhD, *Assistant Professor*

Karen Ruff, PhD, *Assistant Professor*

Learning Outcomes

The learning outcomes for the biochemistry major are organized into three general categories. Students graduating in the biochemistry major will:

OBTAIN a solid foundation in the fundamental language and concepts of biochemistry and an understanding of issues at the forefront of the discipline

DEVELOP skills required for critical thinking and independent investigation

DEVELOP skills of communication and collaboration

Admission Requirements

Students planning a major in biochemistry must present credits in one year of chemistry, one year of physics, and four years of mathematics, and should have at least a B average in these subjects. Students with a good high school record but lacking credit in any of these subjects should remedy any deficiencies in summer school. Students majoring in a science should be particularly alert to the language proficiency requirement.

Prerequisite Grade

Any course listed in this major with a prerequisite assumes a grade of C- or better in the prerequisite course. The lower- and upper-division courses in this major are listed on the Biology and Chemistry Department pages.

Major Requirements

This major is interdisciplinary, bridging the two fields of biology and chemistry, so the lower-division requirements are nearly the same as those for the two respective major programs. The lower- and upper-division courses in this major are listed on the Biology and Chemistry Department pages.

Biochemistry, BS

Lower Division

The following lower-division courses are required for the biochemistry major:

BIOL 001 - Introduction to Cell Biology, Molecular Biology and Biochemistry

BIOL 001L - Introductory Biology for Majors: Cell and Molecular Biology Laboratory
BIOL 002 - Introductory Biology for Majors: Organisms and Evolution (Recommended)[†]
BIOL 002L - Organisms and Evolution Laboratory (Recommended)[†]

CHEM 008 - General Chemistry I
CHEM 009 - General Chemistry Lab I
CHEM 010 - General Chemistry II
CHEM 011 - General Chemistry Lab II

MATH 027 - Calculus I
MATH 028 - Calculus II with Applications

PHYSI 010 - General Physics I

- PHYSI 010L - Laboratory

PHYSI 011 - General Physics II

- PHYSI 011L - Laboratory

OR

PHYSI 001 - Introduction to Physics I
PHYSI 002 - Introduction to Physics I Laboratory
PHYSI 003 - Introduction to Physics II
PHYSI 004 - Introduction to Physics II Laboratory

CHEM 089 - Chemical Literature

Note

[†] Required for students with more of a biological interest and chemistry students who wish to take BIOL 105 - Genetics

Upper-Division Requirements

CHEM 104 - Organic Chemistry I
CHEM 106 - Organic Chemistry II
BIOCHEM 101 - Structural and Physical Biochemistry
BIOCHEM 102 - Metabolic Biochemistry
BIOL 137 - Molecular Biology

CHEM 114 - Physical Chemistry I

CHEM 113 - Analytical Chemistry

OR

CHEM 118 - Instrumental Chemical Analysis

Upper-division Electives

Select any two upper division courses in chemistry or biology in consultation with your advisor.[§]

Students are strongly encouraged to participate in research, either during a summer or during the academic year.

[§] Students interested in more chemistry-related graduate programs should take two semesters of Physical Chemistry (CHEM 114 and CHEM 115) and CHEM 130 - Advanced Inorganic Chemistry.

Biology

The Biology Department offers a full range of courses designed to introduce undergraduate students to the major areas of modern biological science. The primary goals of the department are to prepare students for advanced study and research in biology and related sciences; for postgraduate study in medicine, dentistry, and the other health professions; and for careers in education, industry, agriculture, government service and veterinary medicine. Students interested in the health professions should check the Pre-Professional section of the catalog for additional information.

Faculty

Rebecca Jabbour, PhD, *Associate Professor Evolution, Anatomy, Chair*

James Berleman, PhD, *Associate Professor Microbiology, Microbial Ecology, Genetics*

Carla C. Bossard, PhD, *Professor Terrestrial Ecology, Plant Science*

Vidya Chandrasekaran, PhD, *Professor Developmental Genetics, Biochemistry, Physiology*

Jessica Coyle, PhD, *Assistant Professor, Ecology*

Margaret F. Field, PhD, *Associate Professor Emerita Physiology, Cell Biology*

Keith E. Garrison, PhD, *Professor Immunology, Genetics, Molecular Biology*

Khameeka Kitt-Hopper, PhD, *Assistant Professor Cell and Molecular Biology, Anatomy and Physiology*

Phillip Leitner, PhD, *Professor Emeritus Conservation Biology, Desert Ecology*

Jacob F. Lester, PhD, *Professor Emeritus Zoology, Parasitology*

Michael P. Marchetti, PhD, *Fletcher Jones Professor of Biology, Aquatic Ecology, Conservation Biology, Invasive Species*

James Pesavanto, PhD, *Associate Professor Biochemistry, Molecular Biology*

Sonya Schuh, PhD, *Associate Professor Cell Biology, Developmental Biology, Physiology*

Gregory R. Smith, MS, *Professor Anatomy, Physiology*

Learning Outcomes

Students who graduate with a major in biology will be able to:

DEMONSTRATE a solid knowledge in all three major areas of biology: molecular and cellular, organismal and ecology and evolutionary.

ANALYZE logically and critically scientific information.

APPLY knowledge they have already mastered from current and previous courses to the exploration of new areas of inquiry.

COMMUNICATE skillfully through written and oral reports.

USE biological methodology competently for laboratory research.

INTEGRATE an awareness of ethical issues with their understanding of and work in biology.

Suggested Biology Major Program

A suggested four-year program of study for a major in biology is available from department faculty. Faculty advisors should be consulted on a regular basis to assist in selecting courses and arranging specific curricula relating to fulfillment of major and core curriculum requirements, as well as particular career goals and personal interests. Students majoring in science should be particularly alert to the language proficiency requirement. Students may select courses of their choice for remaining electives. It is important to note that certain upper-division courses are offered in alternate years.

January Term

Frequently, faculty members in the Biology Department offer courses during the January Term. Since it is the policy of the department to provide a variety of learning experiences during this term, the following kinds of courses are often offered: (1) Seminars designed to probe special areas of current interest in the biological sciences through readings in the primary literature, preparation of reports and class discussions; (2) Field courses, based either on campus or at a field site, that provide experience in the study of natural ecosystems; (3) Directed research into topics in experimental or field biology of interest to faculty and students; (4) Independent study courses either on campus or by special arrangement at universities or research institutions. It is the general policy of the department that courses taken during the January Term cannot be used to satisfy requirements for the major.

Preparation for Medicine, Dentistry and Other Health Professions, and Veterinary Medicine

See the section in this catalog under Pre-Professional Curricula.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Biology, BS

Lower Division Biology Requirements

MATH 027 - Calculus I

OR

MATH 013 - Calculus with Elementary Functions I AND

MATH 014 - Calculus with Elementary Functions II

One of the following:

MATH 004 - Introduction to Probability and Statistics

MATH 028 - Calculus II with Applications

MATH 038 - Calculus II

BIOL 119 - Research Design and Biostatistics

CHEM 008 - General Chemistry I

CHEM 009 - General Chemistry Lab I

CHEM 010 - General Chemistry II

CHEM 011 - General Chemistry Lab II

PHYSI 010 - General Physics I

◦ PHYSI 010L (lab)

PHYSI 011 - General Physics II

◦ PHYSI 011L (lab)

BIOL 001 - Introduction to Cell Biology, Molecular Biology and Biochemistry

BIOL 001L - Introductory Biology for Majors: Cell and Molecular Biology Laboratory

BIOL 002 - Introductory Biology for Majors: Organisms and Evolution

BIOL 002L - Organisms and Evolution Laboratory

Upper Division Biology Requirements

The biology major must include seven upper-division biology courses, at least five of which must include a laboratory component. To develop a broad background in biology and to experience major areas of study within the disciplines, biology majors are required to take both courses from Group I and at least one course from Groups II, III, and IV. The remainder of the seven required may come from any group.

CHEM 104 - Organic Chemistry I

◦ CHEM 104L (lab)

CHEM 106 - Organic Chemistry II

◦ CHEM 106L (lab)

Group I Genetics and Ecology:

BIOL 105 - Genetics

BIOL 125 - General Ecology

Group II Organismal:

BIOL 100 - Comparative Vertebrate Anatomy
BIOL 102 - Developmental Biology and Embryology
BIOL 110 - Parasitism and Symbiology
BIOL 113 - Aquatic/Marine Biology
BIOL 122 - Comparative Animal Physiology
BIOL 127 - Systemic Physiology
BIOL 128 - Advanced Human Anatomy
BIOL 144 - General Botany
BIOL 146 - Plant Ecophysiology

Group III Cellular/Molecular:

BIOL 130 - Microbiology
BIOL 132 - Cell Biology
BIOL 135 - Biochemistry
BIOL 137 - Molecular Biology
BIOL 139 - Immunology

Group IV Evolution and Ecology:

BIOL 113 - Aquatic/Marine Biology
BIOL 115 - Theory of Evolution
BIOL 120 - Vertebrate Zoology
BIOL 142 - California Flora and Communities
BIOL 152 - Conservation Science

Group V Electives:

BIOL 116 - History and Philosophy of Biology
BIOL 119 - Research Design and Biostatistics
BIOL 192 - Special Topics in Organismal Biology
BIOL 193 - Special Topics in Cellular and Molecular Biology
BIOL 194 - Special Topics in Evolution and Ecology
BIOL 195 - Internship in Biology (1.0 credit)
BIOL 197 - Special Study (1.0 credit)
BIOL 198 - Field/Laboratory Research in Biology (1.0 credit)
BIOL 199 - Special Study - Honors (1.0 credit)

Note

Lower-division requirements for split majors must be determined by consultation between the student and their advisor, and approved by the chairs of the departments involved. All split majors with biology as the predominant area must be arranged by petition. They must have a clear emphasis, a direction and show relatedness among the courses chosen. The specific upper-division courses selected for any split major must be arranged between the student and their advisor and be approved by the chairs of the departments involved.

Biology Minor

Minor Requirements

The minor in biology requires

CHEM 008 - General Chemistry I
CHEM 009 - General Chemistry Lab I
CHEM 010 - General Chemistry II

CHEM 011 - General Chemistry Lab II
BIOL 001 - Introduction to Cell Biology, Molecular Biology and Biochemistry
BIOL 001L - Introductory Biology for Majors: Cell and Molecular Biology Laboratory
BIOL 002 - Introductory Biology for Majors: Organisms and Evolution
BIOL 002L - Organisms and Evolution Laboratory

- Any three upper-division biology courses--except BIOL 195, BIOL 197, BIOL 198, and BIOL 199--two of which must have a laboratory component. Note that all courses have prerequisites. The specific upper-division courses selected for the minor must be arranged between the student and their advisor and be approved by the chairs of the departments involved.

Business Administration

The Undergraduate Business Program at Saint Mary's College is committed to preparing students for successful careers in a world of commerce that is ever-changing and increasingly complex. Students who major in Business Administration gain technical expertise in a liberal arts learning environment where intellectual inquiry, ethical sensitivity, and communication skills are nurtured by an accomplished and caring faculty. As a part of the School of Economics and Business Administration, the Undergraduate Business Program carefully adheres to the School's focus of "Think Globally, Lead Responsibly."

Saint Mary's Undergraduate Business Program offers an exciting curriculum, grounded in responsible leadership and global business. The general business program gives students an understanding of all functional areas of business. For those interested in an in-depth study of a particular discipline, the Undergraduate Business Program, also offers a variety of concentrations: Business Analytics, Digital Media, Entrepreneurship, Finance, Global Business, Intercultural-Interfaith Leadership, and Marketing. All of these programs prepare students for careers in business, including: financial analyst, business intelligence analyst, marketing manager, project manager, organizational and global business leader, social media analyst, and client services manager. Additionally, some students pursue graduate business degrees, law school or other graduate study.

Exciting opportunities for student engagement and development lie outside of the classroom. "Career Gateway" is a four-year professional development program with a wide variety of workshops including interviewing techniques, resume writing, cross-cultural skills, technologies, social media, and other seminars that prepare graduates for success.

SEBA Undergraduate Career Services offers career exploration, job search strategies, and resume/cover letter preparation for students. Internships are one of the best ways to gain valuable work experience during an undergraduate career with numerous opportunities to be pursued. Additionally, many business students engage in study abroad opportunities to expand their global perspective and cultural awareness. Extracurricular engagement in SEBA student clubs and national honor societies give students leadership development experience and recognition.

Faculty

Ahmed Ahmadein, PhD, *Assistant Professor*

Berna Aksu, PhD, *Professor*

Marco Aponte, PhD, *Associate Professor*

Jyoti Bachani, PhD, *Associate Professor*

Norman S. Bedford, PhD, *Professor Emeritus*

David Bowen, PhD, *Professor Emeritus*

Caroline Burns, PhD, *Associate Professor, Organizational Behavior and Responsible Business Department Chair*

Kim Clark, PhD, *Associate Professor, Management Department Chair*

Jake Cowan, *Assistant Professor*

Barry Eckhouse, PhD, *Professor*

Noha Elfiky, PhD, *Assistant Professor*

Rui Guo, *Assistant Professor*

Michael Hadani, PhD, *Associate Professor*

James Hawley, PhD, *Professor Emeritus*

Linda Herkenhoff, PhD, *Professor*

Yuan Li, PhD, *Associate Professor*

Barbara A. McGraw, JD, PhD, *Professor*

Mary Alice McNeil, MA, *Adjunct, BUSAD Program Director*

Anh Nguyen, PhD, *Associate Professor*

Kevin Okoeguale, PhD, *Associate Professor, Finance Department Chair*

Wenting Pan, PhD, *Associate Professor, Business Analytics Department Chair*

Mina Rohani, PhD, *Assistant Professor*

Grant Rozenboom, *Assistant Professor*

Navid Sabbaghi, *Associate Professor*

Arnav Sheth, PhD, *Associate Professor*

Michal Strahelivitz, PhD, *Associate Professor*

Saroja Subrahmanyam, PhD, *Professor, Marketing Department Chair*

Jan Warhuus, PhD, *Assistant Professor*

Kelly Weidner, PhD, *Assistant Professor*

Ameera Ibrahim, PhD, *Assistant Professor*
Jivendra Kale, PhD, *Professor*
Eric J. Kolhede, PhD, *Professor*
Nancy Lam, PhD, *Associate Professor*

Lili Yan, PhD, *Assistant Professor*
Xiaotian Tina Zhang, PhD, *Professor*

Program Learning Outcomes

Graduates will be:

- Effective business analysts.
- Effective business communicators.
- Ethically conscious and socially responsible business people.
- Leaders who understand the impact of globalization.

Structure of the Business Programs

The business major consists of the Common Business Core plus either the requirements for General Business or the choice of one of the available Concentrations: Business Analytics, Digital Media, Entrepreneurship, Finance, Global Business, Intercultural-Interfaith Leadership, and Marketing.

Business Program in Brief

*Note: Common Business Core required courses are listed below under "Major Requirements"

Developing a Graduation Plan

Faculty Advising and Course Availability

Common Business Core courses are offered every semester and some courses are offered less frequently. Annual course offerings will be published on the website. Students must develop a graduation plan with their faculty advisors to schedule classes in order to complete their program of study.

Advising and Special Action Petitions

Successful completion of the Business major by the expected graduation date requires careful planning. Students are responsible for their own program plan, which includes meeting with their advisors to go over the students' plan for completion of their degree programs. Special accommodations to modify the program are unlikely (e.g., waiver of prerequisites or substitution of courses), but if permitted would require the approval of the Business Administration Program Director. Students may submit a Special Action Petition through the Registrar's Office for review by the BUSAD Program Director.

Prerequisites:

Students must finish all lower division Common Business Core courses before starting their general business or concentration required courses. Students must earn a C- or higher grade in all prerequisites. Also, students must pay careful attention to course prerequisites, which affect how courses must be sequenced. For example, to be eligible to take BUSAD 196, which is the Business program capstone course, students must have previously (not concurrently) completed all lower division Common Business Core courses, the SMC core curriculum math requirement (MATH 003 or MATH 027 is required), and at least BUSAD 123, BUSAD 124, and BUSAD 132.

Saint Mary's Business Program Residency Requirements:

The majority of the courses required for the major must be taken at Saint Mary's College. All concentration courses must be taken at Saint Mary's College, unless taken in conjunction with study abroad or taken as an elective and not to fulfill a concentration requirement.

Students may transfer credit for a maximum of two upper-division business courses.

Math Requirement:

Math is an SMC core requirement. The Business Department highly recommends that students complete this requirement (MATH 003, or MATH 013 and MATH 014, or MATH 027) before taking BUSAD 040; ACCTG 002; and ECON 004, and not later than the end of the sophomore year. This subject-area will provide necessary analytical tools for success in business courses and is a prerequisite for most upper- division BUSAD courses. Seniors will not be admitted into MATH 003. MATH 027 or MATH 013 and MATH 014 is required for Business Analytics concentration.

Major Requirements

Students must complete the "Common Business Core" and courses for either General Business or one of the following concentrations: Marketing, Finance, Entrepreneurship, Global Business, Business Analytics, Digital Media, or Intercultural-Interfaith Leadership.

The concentrations are designed for students motivated to explore critical business disciplines in greater depth, focus, and intensity for preparation for careers or graduate education in the field of the concentration. Students may choose to complete more than one concentration; however, doing so may require additional time beyond the usual four years.

Internships

Students who want to combine study with practical experience in business should contact the SEBA Undergraduate Career Services Office for information on a variety of opportunities available in both the private and public sectors. Course credit for internships may be available through enrollment in BUSAD 195 (1 credit or .25 credit) prior to beginning the internship.

Business Administration, BS

Common Business Core

All business majors must take the Common Business Core Courses

Lower Division

The following six courses should be completed by the end of the first semester of the sophomore year, but must be completed by the end of the sophomore year for the student to graduate on the student's expected graduation date.

BUSAD 010 - Global Perspectives in Business and Society **

BUSAD 040 - Business Statistics

ACCTG 001 - Financial Accounting

ACCTG 002 - Managerial Accounting

ECON 003 - Principles of Microeconomics

ECON 004 - Principles of Macroeconomics

Note

****BUSAD 010 is waived for transfer students entering Saint Mary's with junior or senior standing. It is also waived for Accounting majors. It is not waived for students who switch majors at Saint Mary's.**

Upper Division

BUSAD 123 - Financial Management

BUSAD 124 - Marketing

BUSAD 127 - Business Communication

BUSAD 131 - Managing and Leading in Organizations

BUSAD 132 - Global Operations Management

BUSAD 181 - Business Ethics and Social Responsibility

BUSAD 196 - Strategic Management

General Business Program (No Concentration)

Students who complete this program will receive the degree of Bachelor of Science in Business Administration.

BUSAD 120 - Business Law
BUSAD 180 - Global Business

- Upper Division BUSAD Elective (See list of courses below)
- Upper Division BUSAD Elective (See list of courses below)

Upper Division Electives

Upper Division elective choices for the General Business majors are the following:

BUSAD 108 - Interfaith Leadership in Business and the Professions
BUSAD 110 - Entrepreneurship
BUSAD 111 - New Venture Financing
BUSAD 112 - Small Business Management
BUSAD 113 - Business in the Digital Age
BUSAD 121 - Advanced Legal Topics in Business
BUSAD 126 - Applied Marketing Research
BUSAD 128 - Consumer Behavior
BUSAD 129 - Global Marketing
BUSAD 137 - Advanced Quantitative Methods
BUSAD 138 - Business Intelligence and Visualization
BUSAD 139 - Business Analytics and Big Data
BUSAD 175 - Management Information Systems
ECON 105 - Microeconomic Theory
ECON 106 - Macroeconomic Theory

ECON 170 - Industrial Organization

OR

ECON 175 - Multinational Enterprises

ECON 130 - Banking and Monetary Policy

OR

BUSAD 136 - Investments

Business Administration, Business Analytics Concentration, BS

Common Business Core

All business majors must take the Common Business Core Courses

Lower Division

The following six courses should be completed by the end of the first semester of the sophomore year, but must be completed by the end of the sophomore year for the student to graduate on the student's expected graduation date.

BUSAD 010 - Global Perspectives in Business and Society **
BUSAD 040 - Business Statistics
ACCTG 001 - Financial Accounting
ACCTG 002 - Managerial Accounting
ECON 003 - Principles of Microeconomics

ECON 004 - Principles of Macroeconomics

Note

****BUSAD 010** is waived for transfer students entering Saint Mary's with junior or senior standing. It is also waived for Accounting majors. It is not waived for students who switch majors at Saint Mary's.

Upper Division

BUSAD 123 - Financial Management
BUSAD 124 - Marketing
BUSAD 127 - Business Communication
BUSAD 131 - Managing and Leading in Organizations
BUSAD 132 - Global Operations Management
BUSAD 181 - Business Ethics and Social Responsibility
BUSAD 196 - Strategic Management

Business Analytics Concentration

Students who complete this program will receive the degree of Bachelor of Science in Business Administration/Business Analytics Concentration.

BUSAD 137 - Advanced Quantitative Methods
BUSAD 138 - Business Intelligence and Visualization
BUSAD 139 - Business Analytics and Big Data
MA/CS 021 - Programming I

Note

Students must take MATH 027 or MATH 013 and MATH 014 as prerequisite for this concentration

Business Administration, Digital Media Concentration, BS

Common Business Core

All business majors must take the Common Business Core Courses

Lower Division

The following six courses should be completed by the end of the first semester of the sophomore year, but must be completed by the end of the sophomore year for the student to graduate on the student's expected graduation date.

BUSAD 010 - Global Perspectives in Business and Society **
BUSAD 040 - Business Statistics
ACCTG 001 - Financial Accounting
ACCTG 002 - Managerial Accounting
ECON 003 - Principles of Microeconomics
ECON 004 - Principles of Macroeconomics

Note

****BUSAD 010** is waived for transfer students entering Saint Mary's with junior or senior standing. It is also waived for Accounting majors. It is not waived for students who switch majors at Saint Mary's.

Upper Division

BUSAD 123 - Financial Management
BUSAD 124 - Marketing
BUSAD 127 - Business Communication
BUSAD 131 - Managing and Leading in Organizations
BUSAD 132 - Global Operations Management
BUSAD 181 - Business Ethics and Social Responsibility
BUSAD 196 - Strategic Management

Digital Media Concentration

Students who complete this program will receive the degree of Bachelor of Science in Business Administration/Digital Media Concentration.

BUSAD 113 - Business in the Digital Age

Choice of three from the following options:

COMM 125 - Media, Technology and Culture
COMM 133 - Video Production
COMM 143 - Advanced Media Production I

ART 055 - Digital Art: Photo, Video and Sound

OR

COMM 109 - Visual Communication

OR

COMM 158 - Film

OR

ART 004 - Basic Photography

ART 065 - Web Design and Interactive Art

Business Administration, Entrepreneurship Concentration, BS

Common Business Core

All business majors must take the Common Business Core Courses

Lower Division

The following six courses should be completed by the end of the first semester of the sophomore year, but must be completed by the end of the sophomore year for the student to graduate on the student's expected graduation date.

BUSAD 010 - Global Perspectives in Business and Society **
BUSAD 040 - Business Statistics
ACCTG 001 - Financial Accounting
ACCTG 002 - Managerial Accounting
ECON 003 - Principles of Microeconomics
ECON 004 - Principles of Macroeconomics

Note

****BUSAD 010 is waived for transfer students entering Saint Mary's with junior or senior standing. It is also waived for Accounting majors. It is not waived for students who switch majors at Saint Mary's.**

Upper Division

BUSAD 123 - Financial Management
BUSAD 124 - Marketing
BUSAD 127 - Business Communication
BUSAD 131 - Managing and Leading in Organizations
BUSAD 132 - Global Operations Management
BUSAD 181 - Business Ethics and Social Responsibility
BUSAD 196 - Strategic Management

Entrepreneurship Concentration

Students who complete this program will receive the degree of Bachelor of Science in Business Administration/ Entrepreneurship Concentration.

BUSAD 110 - Entrepreneurship
BUSAD 111 - New Venture Financing
BUSAD 112 - Small Business Management
BUSAD 113 - Business in the Digital Age

Business Administration, Finance Concentration, BS

Common Business Core

All business majors must take the Common Business Core Courses

Lower Division

The following six courses should be completed by the end of the first semester of the sophomore year, but must be completed by the end of the sophomore year for the student to graduate on the student's expected graduation date.

BUSAD 010 - Global Perspectives in Business and Society **
BUSAD 040 - Business Statistics
ACCTG 001 - Financial Accounting
ACCTG 002 - Managerial Accounting
ECON 003 - Principles of Microeconomics
ECON 004 - Principles of Macroeconomics

Note

****BUSAD 010 is waived for transfer students entering Saint Mary's with junior or senior standing. It is also waived for Accounting majors. It is not waived for students who switch majors at Saint Mary's.**

Upper Division

BUSAD 123 - Financial Management
BUSAD 124 - Marketing
BUSAD 127 - Business Communication
BUSAD 131 - Managing and Leading in Organizations
BUSAD 132 - Global Operations Management
BUSAD 181 - Business Ethics and Social Responsibility
BUSAD 196 - Strategic Management

Finance Concentration

Students who complete this program will receive the degree of Bachelor of Science in Business Administration/Finance Concentration.

BUSAD 135 - International Financial Management
BUSAD 136 - Investments
BUSAD 137 - Advanced Quantitative Methods
BUSAD 111 - New Venture Financing

Business Administration, Global Business Concentration, BS

Common Business Core

All business majors must take the Common Business Core Courses

Lower Division

The following six courses should be completed by the end of the first semester of the sophomore year, but must be completed by the end of the sophomore year for the student to graduate on the student's expected graduation date.

BUSAD 010 - Global Perspectives in Business and Society **
BUSAD 040 - Business Statistics
ACCTG 001 - Financial Accounting
ACCTG 002 - Managerial Accounting
ECON 003 - Principles of Microeconomics
ECON 004 - Principles of Macroeconomics

Note

**BUSAD 010 is waived for transfer students entering Saint Mary's with junior or senior standing. It is also waived for Accounting majors. It is not waived for students who switch majors at Saint Mary's.

Upper Division

BUSAD 123 - Financial Management
BUSAD 124 - Marketing
BUSAD 127 - Business Communication
BUSAD 131 - Managing and Leading in Organizations
BUSAD 132 - Global Operations Management
BUSAD 181 - Business Ethics and Social Responsibility
BUSAD 196 - Strategic Management

Global Business Concentration

Students who complete this program will receive the degree of Bachelor of Science in Business Administration/Global Business Concentration.

BUSAD 180 - Global Business
BUSAD 135 - International Financial Management
BUSAD 129 - Global Marketing
BUSAD 185 - Managing the Global Firm

Note

Students must study abroad one semester in the junior year. This requires careful program planning.

Business Administration, Intercultural-Interfaith Leadership Concentration, BS

Common Business Core

All business majors must take the Common Business Core Courses

Lower Division

The following six courses should be completed by the end of the first semester of the sophomore year, but must be completed by the end of the sophomore year for the student to graduate on the student's expected graduation date.

BUSAD 010 - Global Perspectives in Business and Society **
BUSAD 040 - Business Statistics
ACCTG 001 - Financial Accounting
ACCTG 002 - Managerial Accounting
ECON 003 - Principles of Microeconomics
ECON 004 - Principles of Macroeconomics

Note

**BUSAD 010 is waived for transfer students entering Saint Mary's with junior or senior standing. It is also waived for Accounting majors. It is not waived for students who switch majors at Saint Mary's.

Upper Division

BUSAD 123 - Financial Management
BUSAD 124 - Marketing
BUSAD 127 - Business Communication
BUSAD 131 - Managing and Leading in Organizations
BUSAD 132 - Global Operations Management
BUSAD 181 - Business Ethics and Social Responsibility
BUSAD 196 - Strategic Management

Intercultural-Interfaith Leadership Concentration

Students who complete this program will receive the degree of Bachelor of Science in Business Administration/Interfaith Leadership Concentration.

BUSAD 108 - Interfaith Leadership in Business and the Professions

ANTH 001 - Introduction to Social and Cultural Anthropology

OR

ES 001 - Introduction to Ethnic Studies

COMM 106 - Intercultural Communication
BUSAD 185 - Managing the Global Firm

Business Administration, Marketing Concentration, BS

Common Business Core

All business majors must take the Common Business Core Courses

Lower Division

The following six courses should be completed by the end of the first semester of the sophomore year, but must be completed by the end of the sophomore year for the student to graduate on the student's expected graduation date.

BUSAD 010 - Global Perspectives in Business and Society **
BUSAD 040 - Business Statistics
ACCTG 001 - Financial Accounting
ACCTG 002 - Managerial Accounting
ECON 003 - Principles of Microeconomics
ECON 004 - Principles of Macroeconomics

Note

**BUSAD 010 is waived for transfer students entering Saint Mary's with junior or senior standing. It is also waived for Accounting majors. It is not waived for students who switch majors at Saint Mary's.

Upper Division

BUSAD 123 - Financial Management
BUSAD 124 - Marketing
BUSAD 127 - Business Communication
BUSAD 131 - Managing and Leading in Organizations
BUSAD 132 - Global Operations Management
BUSAD 181 - Business Ethics and Social Responsibility
BUSAD 196 - Strategic Management

Marketing Concentration

Students who complete this program will receive the degree of Bachelor of Science in Business Administration/Marketing Concentration.

BUSAD 126 - Applied Marketing Research
BUSAD 128 - Consumer Behavior
BUSAD 129 - Global Marketing
BUSAD 113 - Business in the Digital Age

Business Administration Minor

Minor Requirements

A student may earn only one Minor in Business Administration. Courses for the minor are

ACCTG 001 - Financial Accounting
ACCTG 002 - Managerial Accounting
ECON 003 - Principles of Microeconomics
ECON 004 - Principles of Macroeconomics
BUSAD 040 - Business Statistics
BUSAD 120 - Business Law
BUSAD 123 - Financial Management
BUSAD 124 - Marketing

- Plus two additional upper-division Business Administration courses.

Note

The BUSAD minor is not open to Accounting majors.

Chemistry

The Chemistry Department seeks to offer a versatile academic program that will prepare students for a variety of options upon graduation: employment in industry, graduate work in chemistry or related fields, entry into professional schools such

as medicine or dentistry, or teaching at the K-12 level. Using a balance of theoretical and experimental work, the curriculum attempts to provide students with a solid understanding of fundamental concepts, the ability to reason through unfamiliar problems, the tools to investigate a topic in depth and the communication skills that are needed to share information with others.

The department recognizes that since chemistry is a discipline whose primary focus is the underlying substances of the universe, it is important both independently and in relation to other fields of study. For these reasons the department strives to connect the curriculum to other disciplines and real-world examples whenever possible, and to routinely offer courses to meet the needs of students who are not science majors.

Faculty

Valerie A. Burke, PhD, *Associate Professor, Chair*

Kenneth J. Brown, PhD, *Professor*

Steven J. Bachofer, PhD, *Professor*

Joel D. Burley, PhD, *Professor*

John S. Correia, PhD, *Professor Emeritus*

Zuleikha Kurji, PhD, *Assistant Professor*

Mark Lingwood, PhD, *Associate Professor*

Karen M. Ruff, PhD, *Assistant Professor*

Michelle L. Shulman, PhD, *Associate Professor*

Jeffrey A. Sigman, PhD, *Professor*

Elizabeth Valentin, PhD, *Assistant Professor*

Learning Outcomes

The learning outcomes for the Chemistry Department are organized into five general categories:

TOOLS for learning

FUNDAMENTAL knowledge and conceptual understanding

INVESTIGATIVE skills

COMMUNICATION skills

SOCIETAL AWARENESS and concerns

Preparation for Success

Students planning a major in chemistry should present credits for one year of chemistry, one year of physics, and four years of mathematics, and should have at least a B average in these subjects. Students with a good high school record but lacking credit in any of these subjects should remedy any deficiencies in summer school. Students planning a science major should be particularly alert to the language proficiency requirement (see Program of Study) and the math diagnostic prerequisite for entrance into CHEM008.

Major Requirements

The Chemistry Department offers several options for the student interested in chemistry:

1. The bachelor of science (B.S.) chemistry major provides a solid foundation for students pursuing careers in technically intensive fields or graduate study. It is particularly appropriate for students with strong mathematical skills.
2. The chemistry major with an environmental concentration (B.S.) is designed for students with an interest in applying chemistry to the study of environmental systems and issues.
3. The bachelor of arts (B.A.) chemistry major provides students the flexibility to undertake a minor, prepare for a single-subject teaching credential, or complete courses for medical or professional school. It can also prepare students for employment with a number of firms in the scientific and medical arenas.
4. The biochemistry major (B.S., offered jointly with the Biology Department; see Biochemistry major for more information).

A suggested four-year program of study for any major in chemistry or biochemistry is available from any Chemistry Department faculty member.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course, unless noted otherwise in the course description.

Chemistry, BA

Lower Division

The following lower-division courses are required for the three majors in chemistry:

CHEM 008 - General Chemistry I
CHEM 009 - General Chemistry Lab I
CHEM 010 - General Chemistry II
CHEM 011 - General Chemistry Lab II
CHEM 089 - Chemical Literature

MATH 013 - Calculus with Elementary Functions I AND
MATH 014 - Calculus with Elementary Functions II

OR

MATH 027 - Calculus I

MATH 028 - Calculus II with Applications (see note regarding math below)

OR

MATH 038 - Calculus II (see note regarding math below)

PHYSI 001 - Introduction to Physics I
PHYSI 002 - Introduction to Physics I Laboratory
PHYSI 003 - Introduction to Physics II
PHYSI 004 - Introduction to Physics II Laboratory (preferred)

OR

PHYSI 010 - General Physics I

- PHYSI 10L (lab)

PHYSI 011 - General Physics II

- PHYSI 11L (lab)

In addition

MATH 039 - Calculus III recommended for all majors, and especially recommended for B.S. majors and those considering attending graduate school in the sciences.

Upper Division

The following upper-division courses are required for all three majors in chemistry:

CHEM 104 - Organic Chemistry I
CHEM 106 - Organic Chemistry II
CHEM 130 - Advanced Inorganic Chemistry

For the chemistry B.A. major, students must take

CHEM 110 - Polymer and Supramolecular Chemistry

CHEM 113 - Analytical Chemistry

OR

CHEM 118 - Instrumental Chemical Analysis

CHEM 114 - Physical Chemistry I

- Two additional upper-division courses from Chemistry or Biochemistry

Note

BIOL 135 may count as an upper-division course if BIOCHEM 101 or BIOL 102 are not taken. A combination of one to three CHEM 197/CHEM 199 courses that equal 1.0 or more credit can count for one upper division course.

*Note regarding Math requirements: Exposure to multivariable calculus is recommended preparation for CHEM 114, and strongly recommended for students planning to attend graduate school in chemistry. Students learn the most multivariable calculus by taking MATH 013+MATH 014 or MATH 027, MATH 038, and MATH 039, and therefore this course of study is the preferred option. Students should learn a small amount of multivariable calculus by taking MATH 013+MATH 014 or MATH 027, and MATH 028, and this plan should be followed for students who will not take MATH 039.

*Notes regarding prerequisites: (1) BIOCHEM 101 requires prerequisites of BIOL 001 OR strong high school preparation in biology and instructor approval. Students obtaining instructor approval to enroll in BIOCHEM 101 may waive BIOL 001 as a requirement for the BS major. (2) BIOL 135 requires BIOL 001 as a prerequisite, and students can obtain instructor permission to enroll in BIOL 135 without completing BIOL 002.

Chemistry, BS

Lower Division

The following lower-division courses are required for the three majors in chemistry:

CHEM 008 - General Chemistry I
CHEM 009 - General Chemistry Lab I
CHEM 010 - General Chemistry II
CHEM 011 - General Chemistry Lab II
CHEM 089 - Chemical Literature

MATH 013 - Calculus with Elementary Functions I AND
MATH 014 - Calculus with Elementary Functions II

OR

MATH 027 - Calculus I

MATH 028 - Calculus II with Applications (see note regarding math below)

OR

MATH 038 - Calculus II (see note regarding math below)

PHYSI 001 - Introduction to Physics I
PHYSI 002 - Introduction to Physics I Laboratory
PHYSI 003 - Introduction to Physics II
PHYSI 004 - Introduction to Physics II Laboratory (preferred)

OR

PHYSI 010 - General Physics I

- PHYSI 10L (lab)

PHYSI 011 - General Physics II

- PHYSI 11L (lab)

In addition

MATH 039 - Calculus III recommended for all majors, and especially recommended for B.S. majors and those considering attending graduate school in the sciences.

For the chemistry B.S. major, students must also take

BIOL 001 - Introduction to Cell Biology, Molecular Biology and Biochemistry

BIOL 001L - Introductory Biology for Majors: Cell and Molecular Biology Laboratory please see the note regarding prerequisites below.

Upper Division

The following upper-division courses are required for all three majors in chemistry:

CHEM 104 - Organic Chemistry I

CHEM 106 - Organic Chemistry II

CHEM 130 - Advanced Inorganic Chemistry

For the chemistry B.S. major, students must take

CHEM 110 - Polymer and Supramolecular Chemistry

CHEM 113 - Analytical Chemistry

CHEM 114 - Physical Chemistry I

CHEM 115 - Physical Chemistry II

CHEM 118 - Instrumental Chemical Analysis

BIOCHEM 101 - Structural and Physical Biochemistry

OR

BIOL 135 - Biochemistry (see note regarding prerequisites below)

Students also take one additional upper-division course in Chemistry:

CHEM 111 - Advanced Organic Chemistry

CHEM 119 - Environmental Chemistry

CHEM 197 - Special Study

CHEM 199 - Special Study - Honors

Note

A combination of one to three CHEM 197/CHEM 199 courses that equal 1.0 or more credit can count for one upper division course.

Students may not receive credit for both CHEM 114 and CHEM 138.

*Note regarding Math requirements: Exposure to multivariable calculus is recommended preparation for CHEM 114, and strongly recommended for students planning to attend graduate school in chemistry. Students learn the most multivariable calculus by taking MATH 013+MATH 014 or MATH 027, MATH 038, and MATH 039, and therefore this course of study is the preferred option. Students should learn a small amount of multivariable calculus by taking MATH 013+MATH 014 or MATH 027, and MATH 028, and this plan should be followed for students who will not take MATH 039.

*Notes regarding prerequisites: (1) BIOCHEM 101 requires prerequisites of BIOL 001 OR strong high school preparation in biology and instructor approval. Students obtaining instructor approval to enroll in BIOCHEM 101 may waive BIOL 001 as a requirement for the BS major. (2) BIOL 135 requires BIOL 001 as a prerequisite, and students can obtain instructor permission to enroll in BIOL 135 without completing BIOL 002.

Chemistry, Environmental Concentration, BS

Lower Division

The following lower-division courses are required for the three majors in chemistry:

CHEM 008 - General Chemistry I
CHEM 009 - General Chemistry Lab I
CHEM 010 - General Chemistry II
CHEM 011 - General Chemistry Lab II
CHEM 089 - Chemical Literature

MATH 013 - Calculus with Elementary Functions I AND
MATH 014 - Calculus with Elementary Functions II

OR

MATH 027 - Calculus I

MATH 028 - Calculus II with Applications (see note regarding math below)

OR

MATH 038 - Calculus II (see note regarding math below)

PHYSI 001 - Introduction to Physics I
PHYSI 002 - Introduction to Physics I Laboratory
PHYSI 003 - Introduction to Physics II
PHYSI 004 - Introduction to Physics II Laboratory (preferred)

OR

PHYSI 010 - General Physics I

- PHYSI 10L (lab)

PHYSI 011 - General Physics II

- PHYSI 11L (lab)

In addition

MATH 039 - Calculus III recommended for all majors, and especially recommended for B.S. majors and those considering attending graduate school in the sciences.

For the chemistry major-environmental concentration, students must also take:

BIOL 001 - Introduction to Cell Biology, Molecular Biology and Biochemistry
BIOL 001L - Introductory Biology for Majors: Cell and Molecular Biology Laboratory
BIOL 002 - Introductory Biology for Majors: Organisms and Evolution
BIOL 002L - Organisms and Evolution Laboratory

Upper Division

The following upper-division courses are required for all three majors in chemistry:

CHEM 104 - Organic Chemistry I
CHEM 106 - Organic Chemistry II
CHEM 130 - Advanced Inorganic Chemistry

For the environmental concentration, students must take

CHEM 113 - Analytical Chemistry

OR

CHEM 118 - Instrumental Chemical Analysis

CHEM 114 - Physical Chemistry I
CHEM 115 - Physical Chemistry II
CHEM 119 - Environmental Chemistry

◊ and one other upper division chemistry course

Also required are

BIOL 125 - General Ecology

BIOL 113 - Aquatic/Marine Biology

OR

BIOL 146 - Plant Ecophysiology

OR

BIOL 152 - Conservation Science

Note

Students may not receive credit for both CHEM 114 and CHEM 138.

*Note regarding Math requirements: Exposure to multivariable calculus is recommended preparation for CHEM 114, and strongly recommended for students planning to attend graduate school in chemistry. Students learn the most multivariable calculus by taking MATH 013+MATH 014 or MATH 027, MATH 038, and MATH 039, and therefore this course of study is the preferred option. Students should learn a small amount of multivariable calculus by taking MATH 013+MATH 014 or MATH 027, and MATH 028, and this plan should be followed for students who will not take MATH 039.

*Notes regarding prerequisites: (1) BIOCHEM 101 requires prerequisites of BIOL 001 OR strong high school preparation in biology and instructor approval. Students obtaining instructor approval to enroll in BIOCHEM 101 may waive BIOL 001 as a requirement for the BS major. (2) BIOL 135 requires BIOL 001 as a prerequisite, and students can obtain instructor permission to enroll in BIOL 135 without completing BIOL 002.

Chemistry Minor

Minor Requirements

The minor in chemistry requires

CHEM 008 - General Chemistry I
CHEM 009 - General Chemistry Lab I
CHEM 010 - General Chemistry II
CHEM 011 - General Chemistry Lab II AND

- Any three upper-division chemistry courses beyond CHEM 104.

Classical Languages

The ancient Greeks and Romans left a legacy of values and ideas that continue to inform the way we view the changing world around us. The Classical Languages department enables students to go beyond the translations and engage directly with the extant Greek and Roman texts, while at the same time acquiring knowledge about their context. In this way, students can attain a clearer understanding of the Greco-Roman component in modern-day world views as they continue to reflect on the universal human condition.

Whether you major in Classics or not, the linguistic approaches and strategies you will develop with us are highly transferable. Familiarity with the etymology of the Greek and Latin roots in English makes the study of science much more effective. There is no better preparation for the pitfalls of legalese than the meticulous, logical approach to Greek and Latin texts. Students who plan to enter graduate studies in Classics, philosophy, art history, theology, archaeology, etc., will be able to satisfy one or more of the language requirements in those programs. No matter what career you choose, students tell us, the overall cultural enrichment you get along the way is one of the great benefits of Classical Studies.

Classical Languages majors write a Senior Thesis based on one of their upper division courses on a major author.

Faculty

Michael Riley, PhD, *Professor, Chair*

Learning Outcomes

Our focus is on your learning. We actively communicate with you in the course of your studies. We rely on your input as you progress toward linguistic proficiency in Greek and/or Latin.

Upon successful completion of the ELEMENTARY LATIN/GREEK SEQUENCES, you will be able to:

Engage in simple interactions in Latin and/or ancient Greek;
Read and understand simple texts with the help of dictionaries and textbook materials;
Translate simple English sentences into idiomatic Latin and/or Greek;
Develop a stable understanding of grammar as a vehicle for logic;
Acquire reliable strategies for approaching sentences in both Latin/Greek and English;
Begin to develop strategies for sight-reading Latin and/or Greek texts (without the help of dictionaries and textbook materials); and
Understand the basic cultural, historical, political, philosophical and mythological background of the texts you read.

Upon successful completion of the INTERMEDIATE LATIN/GREEK SEQUENCES, you will be able to:

Engage in more complex interactions in Latin and/or ancient Greek;
Read relatively complex texts with occasional help from dictionaries and textbook materials;
Sight-read basic texts;
Distinguish between writers' styles and develop specific reading strategies for dealing with each author;
Translate sentences into idiomatic Latin and/or Greek in a specific writer's style;
Appreciate the metric and rhythm of Greek and Roman poetry;
Discuss the cultural, historical, political, philosophical and mythological background of the texts you read;
Understand the logical and rhetorical complexities of ancient texts;
Appreciate the creative distortions inevitable in translation; and

Perform basic evaluation of selected official translations from Latin and Greek.

UPPER-DIVISION COURSES IN LATIN AND /OR GREEK hone the intermediate skills you've acquired:

Your reactions to the linguistic aspects of the Latin/Greek text should become more or less automatic;
You will sight-read most Latin and Greek texts;
You will be able to read some very difficult texts without losing sight of their non-linguistic dimensions; and
Your proficiency in analyzing the hidden dimensions of any text-English or ancient-will increase dramatically, along with your expanded vocabulary and interpretive sophistication.

Major Requirements

Lower Division Classics Major

By arrangement.

Classical Studies Minor Requirements

The Classical Studies minor is an interdisciplinary approach to the study of the literature, history, and art of the ancient Greeks and Romans and their influence from antiquity up to the present. The minor is open to all undergraduates. The minor is rooted in the study of the texts, ranging from the Homeric poems of the archaic Greek period to the works of St. Augustine in the fourth century C.E. Offered by the Classical Languages Department the Minor provides students opportunities to be part of a large and thriving classics community, to conduct collaborative research, and study abroad through the College's programs in Rome.

Learning Outcomes

1. Understanding the basic cultural, historical, political, philosophical and mythological backgrounds of ancient literature
2. Capacity for disciplined examination and discussion of fundamental ideas and questions, as treated or suggested by some of the great written texts
3. Proficiency in analyzing the hidden dimensions of any text-English or ancient-will increase dramatically, along with expanded vocabulary and interpretive sophistication.
4. Ability for close reading and listening, for precise verbal formulations of questions, distinctions, concepts, arguments, and judgments, and facility at addressing and responding to classmates' like contributions; and
5. Well-developed competence in written formulation of questions, distinctions, concepts, arguments, and judgments.

Requirements

Students must complete 6 courses which may be double-counted towards core curriculum requirements. The lower-division entry course, a comprehensive introduction to the Greek and Roman civilization is required. At least five courses must be upper-division. Students may elect in any order five of these courses. Upper-division Greek and Latin courses can also to meet the minor requirements. Upper-division RILA courses can also be used to fulfill the requirement. Integral students can also use INTEG 113 and INTEG 133 (Ancient mathematics and mathematical cosmology) to meet these requirements. Some listed courses have a prerequisite or require instructor's permission. January Term courses do not count towards the minor requirements.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Classical Languages, BA

Lower Division Classics Major

By Arrangement.

GREEK 001 - Elementary Greek
GREEK 002 - Elementary Greek

GREEK 003 - Intermediate Greek
GREEK 004 - Intermediate Greek

OR

LATIN 001 - Elementary Latin
LATIN 002 - Elementary Latin
LATIN 003 - Intermediate Latin
LATIN 004 - Intermediate Latin

Upper Division Classics Major

Choose eight upper-division courses combining study of Latin and Greek.

GREEK 101 - Plato
GREEK 102 - Homer
GREEK 103 - Greek Historians
GREEK 105 - Greek Orators
GREEK 106 - Greek Dramatists
GREEK 107 - Aristotle
GREEK 110 - New Testament Greek
GREEK 115 - Greek Lyric Poets
GREEK 199 - Special Study - Honors

LATIN 102 - Roman Historians
LATIN 103 - Patristic Latin
LATIN 104 - Roman Comedy
LATIN 108 - Horace
LATIN 109 - Roman Law
LATIN 110 - Virgil
LATIN 199 - Special Study - Honors

Classical Languages, Greek, BA

Lower Division

GREEK 001 - Elementary Greek
GREEK 002 - Elementary Greek
GREEK 003 - Intermediate Greek
GREEK 004 - Intermediate Greek

**** INTEG 051 & 052, INTEG 053 & 054 may substitute for Greek.**

Upper Division

Choose eight upper-division courses focused on Greek

GREEK 101 - Plato
GREEK 102 - Homer
GREEK 103 - Greek Historians
GREEK 105 - Greek Orators
GREEK 106 - Greek Dramatists
GREEK 107 - Aristotle

GREEK 110 - New Testament Greek
GREEK 115 - Greek Lyric Poets
GREEK 199 - Special Study - Honors

Classical Languages, Latin, BA

Lower Division

LATIN 001 - Elementary Latin
LATIN 002 - Elementary Latin
LATIN 003 - Intermediate Latin
LATIN 004 - Intermediate Latin

Upper Division

Choose eight upper-division courses focused on Latin.

LATIN 101 - Cicero
LATIN 102 - Roman Historians
LATIN 103 - Patristic Latin
LATIN 104 - Roman Comedy
LATIN 108 - Horace
LATIN 109 - Roman Law
LATIN 110 - Virgil
LATIN 199 - Special Study - Honors

Classical Studies Minor

Minor Requirements

Students must complete 6 courses which may be double-counted towards core curriculum requirements. The lower-division entry course, a comprehensive introduction to the Greek and Roman civilization, is required. At least five courses must be upper-division. Students may elect in any order five of these courses. Upper-division Greek and Latin courses can also be used to meet the minor requirements. Upper-division RILA courses can also be used to fulfill the requirement. Integral students can also use INTEG 113 Seminar and INTEG 133 Sophomore Mathematics (Ancient mathematics and mathematical cosmology) to meet these requirements. Some listed courses have a prerequisite or require instructor's permission. January Term courses do not count towards the minor requirements.

CLSL 002 - Greece and Rome: Golden Times

Upper Division

Please select any five of the following upper division courses

Classical Languages Upper Division

CLSL 100 - Classical Mythology
TRS 101 - Origins of Christianity
ENGL 141 - Studies in Medieval Literature
ENGL 142 - Studies in Renaissance and 17th-Century Literature
HIST 111 - The Birth of Europe

Greek Upper Division

GREEK 101 - Plato
GREEK 102 - Homer
GREEK 103 - Greek Historians

GREEK 105 - Greek Orators
GREEK 106 - Greek Dramatists
GREEK 107 - Aristotle
GREEK 110 - New Testament Greek
GREEK 115 - Greek Lyric Poets
GREEK 199 - Special Study - Honors

Latin Upper Division

LATIN 101 - Cicero
LATIN 102 - Roman Historians
LATIN 103 - Patristic Latin
LATIN 104 - Roman Comedy
LATIN 108 - Horace
LATIN 109 - Roman Law
LATIN 110 - Virgil
LATIN 199 - Special Study - Honors

Greek Minor

Minor Requirements

The minor in Greek requires

GREEK 101 - Plato
GREEK 102 - Homer
GREEK 106 - Greek Dramatists AND

- ◊ Two electives in Greek

Latin Minor

Minor Requirements

The minor in Latin requires

LATIN 101 - Cicero
LATIN 102 - Roman Historians
LATIN 110 - Virgil AND

- ◊ Two electives in Latin

Collegiate Seminar

In their four Collegiate Seminar classes, Saint Mary's students and faculty, through reading and discussion, explore the great writings that have shaped the thought and imagination of the Western world. In Seminar, students develop skills of analysis through critical reading, critical thinking, thoughtful interpretation and respectful communication. Over time, through this process, they learn to read and discuss important texts with increased understanding and enjoyment.

Classes meet around a seminar table in small groups so that each person can participate actively in the discussion. The faculty discussion leader poses questions about the texts to challenge the students to develop, through the process of careful reading and discussion, defensible interpretations of their own. Students state opinions and uncover assumptions; they present evidence to support their positions or to defend them against objections; they respond to other students' views, developing points in greater detail, exploring contradictions and ambiguities. Working together in a spirit of cooperation, students learn to reflect upon and refine their ideas. In addition, through substantial writing assignments, students deepen their inquiries into the texts, developing theses supported by cogent analysis based on textual evidence. Their experience with discussion and writing develop skills that Saint Mary's students use throughout their lives.

Entering transfer students enroll in SEM 102 and take SEM 103 and SEM 104 thereafter.

Students matriculating as first-years are subject to the College's Core Curriculum requirements (see Program of Study). Collegiate Seminar courses comprise a substantial portion of the Habits of Mind requirements. Students are required to take SEM 001, SEM 002, SEM 103, and SEM 104, as follows: SEM 001 in Spring of the first year, SEM 002 in Fall of the second year, SEM 103 in either long semester of the third year, and SEM 104 in either long semester of the fourth year.

Collegiate Seminar Governing Board

The Collegiate Seminar Governing Board consists of elected representatives from each school, and ex officio members from The Center for Writing Across the Curriculum, the Christian Brothers, the students, the LEAP and BALOS programs and from the contingent faculty

Collegiate Seminar Vision Statement

Collegiate Seminar seeks to engage Saint Mary's students in a critical and collaborative encounter with the world of ideas as expressed in great texts of the Western tradition in dialogue with and exposure to its encounter with other traditions. Thereby students become part of the Great Conversation. The Program seeks to help them develop as curious, thoughtful members of an intellectual community. Designed to serve the College's goals of a liberal education, the Program strives to put students in possession of their powers to think clearly, critically and collaboratively, and articulate their ideas effectively-powers that will serve them for the rest of their lives.

Goals of the Collegiate Seminar

Collegiate Seminar fosters a genuine sense of collegiality and intellectual community by providing an authentic forum for students to meet and partake of a common experience-the reading and discussion of shared texts under the guidance of faculty from all disciplines. Its participants engage in collaborative dialogue with texts whose ideas shape our world. Through careful reading, shared inquiry, and writing, students improve their skills of analysis and communication. During this process students will develop increased appreciation for these great ideas, and grow in their intellectual curiosity, becoming life-long learners and thinkers. Students will be exposed to a variety of ways of knowing, encouraged in their search for meaning, and learn to accept ambiguity while aiming for clarity.

Learning Outcomes

Seminar Specific Learning Outcomes: As a result of their participation in Collegiate Seminar, students will grow in their ability to:

1. Understand, analyze, and evaluate challenging texts from different genres and periods.
2. Comprehend the intellectual threads that connect works both backward and forward through history.
3. Relate the works studied to their own experience and to notions of authentic humanity.
4. Reflect on prior knowledge and assess one's own process of learning.

Critical Thinking

Critical thinking within Seminar is grounded on the processes of analysis, synthesis and evaluation necessary to read with understanding. Through careful reading, listening, and reflection, which lead to a solid understanding of the texts, critical thinking allows students to make perceptive insights and connections between texts, Seminars and ultimately their life experiences. Critical thinking within Seminar also includes skills that allow for sound judgments to be made when multiple, competing viewpoints are possible. Seminar is a place where reading critically is transformed and integrated into a habit of mind, providing students with the tools to question the authority of the text and the foundations of their own assumptions. In short, critical thinking allows students to recognize, formulate and pursue meaningful questions, which are not only factual but also interpretive and evaluative, about the ideas of others as well as their own.

Critical Thinking Learning Outcomes: As a result of their participation in Collegiate Seminar, students will grow in their ability to:

1. Distinguish the multiple senses of a text (literal and beyond the literal).
2. Identify and understand assumptions, theses, and arguments that exist in the work of authors.

3. Evaluate and synthesize evidence in order to draw conclusions consistent with the text. Seek and identify confirming and opposing evidence relevant to original and existing theses.
4. Ask meaningful questions and originate plausible theses.
5. Critique and question the authority of texts, and explore the implications of those texts.

Written and Oral Communication

A mind is not truly liberated until it can effectively communicate what it knows. Thus Collegiate Seminar seeks to develop strong written and oral communication skills in its students. Students will develop skills that demonstrate an understanding of the power of language to shape thought and experience. They will learn to write and speak logically, with clarity, and with originality, and grow in their intellectual curiosity through the process of writing.

Written and Oral Communication Learning Outcomes: As a result of their participation in Collegiate Seminar, students will grow in their ability to:

1. Recognize and compose readable prose, as characterized by clear and careful organization, coherent paragraphs and well-constructed sentences that employ the conventions of Standard Written English and appropriate diction.
2. Recognize and formulate effective written and oral communication, giving appropriate consideration to audience, context, format, and textual evidence.
3. Analyze arguments so as to construct ones that are well supported (with appropriate use of textual evidence), are well reasoned, and are controlled by a thesis or exploratory question.
4. Use discussion and the process of writing to enhance intellectual discovery and unravel complexities of thought.

Shared Inquiry

Shared inquiry is the act of reasoning together about common texts, questions, and problems. It is a goal of Collegiate Seminar to advance students' abilities to develop and pursue meaningful questions in collaboration with others, even in the context of confusion, paradox, and/or disagreement. Through the habits of shared inquiry students will carefully consider and understand the perspectives and reasoned opinions of others, reconsider their own opinions, and develop rhetorical skills.

Shared Inquiry Learning Outcomes: As a result of their participation in Collegiate Seminar, students will grow in their ability to:

1. Advance probing questions about a common text or other objects of study.
2. Pursue new and enriched understandings of the texts through sustained collaborative inquiry.
3. Reevaluate initial hypotheses in light of evidence and collaborative discussion with the goal of making considered judgments.
4. Engage in reflective listening and inclusive, respectful conversation.

Communication

The Department of Communication embraces the mission of Saint Mary's College to instill a liberal arts, Catholic, and Lasallian character through curriculum that identifies the process of communication as a primary means by which we construct social reality, recognize and analyze social processes, and affect social change. The study of Communication is complex and interdisciplinary, incorporating rhetoric, social sciences, cultural studies, and film and media studies. Students studying communication will engage in ethical and systematic inquiry into a broad range of areas, including relational and intercultural communication, new media and digital culture, mass and alternative media, organizational communication, visual studies, ethics, and international communication. Students will also learn to express their inquiry in research, media production, and other forms of public communication such as advertising, public relations campaigns, and journalism.

The Communication curriculum is both conceptual and applied with core courses preparing students for in-depth exploration of one of two tracks centered around the kinds of communicative roles students aspire to upon graduation: Media Maker or Communication Strategist. The core courses common to both tracks highlight oral and written communication competencies, as well as research design and project management skills. The Media Maker track is for students interested in examining processes of media communication, especially media production. This track balances critical, analytical, and theoretical approaches to the study of media with hands-on media production training, culminating in a media-focused Capstone project. The Media Maker track provides students with competencies in media production, especially video and digital

media. The Communication Strategist track is for students interested in examining the processes of meaning making through communication and its impact on human psychology, emotions, and relationships in various contexts including workplace, groups and teams, and other forms of relationships. This track emphasizes the application of quantitative and qualitative data collection and analysis and communication theories to the production of ethical and strategic plans for effective communication in various contexts, and culminates in a data-driven research Capstone. The Communication Strategist track provides studies with competencies in qualitative and quantitative data analysis.

Faculty

Aaron D. Sachowitz, PhD, *Associate Professor, Chair*

Shawny Anderson, PhD, *Associate Professor*

Veronica Hefner, PhD, *Assistant Professor*

Makiko Imamura, PhD, *Associate Professor*

Jason Jakaitis, PhD, *Assistant Professor*

Samantha Joyce, *Associate Professor*

Dan Leopard, MFA, PhD, *Associate Professor*

Ellen Rigsby, PhD, *Associate Professor*

Scott Schönfeldt-Aultman, PhD, *Professor*

Edward E. Tywoniak, MFA, EdD, *Professor Emeritus*

Learning Outcomes

By the time they graduate, students should be able to:

- DESCRIBE the Communication discipline and its central questions
- EMPLOY communication theories, perspectives, principles, and concepts
- ENGAGE in communication inquiry
- CREATE messages appropriate to the audience, purpose, and context
- Critically ANALYZE messages
- DEMONSTRATE the ability to accomplish communicative goals (self-efficacy)
- APPLY ethical communication principles and practices
- UTILIZE communication to embrace difference
- INFLUENCE public discourse

Major Requirements

Students who major in communication take a total of 11 full credit courses and one quarter credit course. Five and a quarter of the courses are shared between the two tracks and the remaining six are specific to each track (two required and four electives).

Minor Requirements

Students who minor in communication take a total of six courses, three of which are required plus three electives. Of the three electives, one must be an upper-division application course denoted by the word "Application" after the title.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Minor in Cinematic Arts

The Cinematic Arts Minor combines the critical analysis and creative production of the moving image art form, ranging from time-based film and video to new media art. The courses emphasize technical fundamentals and conceptualization, creative experimentation and critical thinking, and personal expression and social responsibility. A hybrid instructional approach for several of the courses integrates critical analysis and creative production in order to encourage students to analyze as well as to produce the moving image art form as an engaged critical practice.

Students minoring in Cinematic Arts take six courses from the disciplines of Art, Communication, English, Anthropology, and World Languages and Cultures. Beyond the coursework, an internship elective (ART 193) provides a hands-on experience that can include assisting with a film exhibition, working as an assistant with a faculty filmmaker or researcher, and other options. (This program is coordinated with the Art and Art History Department and is cross-listed with their section of the course catalog).

Learning Outcomes

Students completing the Minor in Cinematic Arts will be able to:

- Plan, shoot, edit a finished film or video art project.
- Contextualize moving image artworks within a broader cultural, historical, and political framework.
- Utilize critical-theoretical concepts as a springboard to develop a film or video art project.
- Write a concept statement articulating the aims, influences, and process associated with their own production work.
- Write an extended critical essay integrating research, analysis, and interpretation of cinematic works of art.

Matriculation Pattern

Total Requirement (six courses)

Required Core (four courses)

Minor in Digital Studies

The idea for a minor in Digital Studies within the School of Liberal Arts grew out of the recognition that the dramatic change brought about by the digital revolution in areas such as communication, culture, art, commerce, and education necessitated a more formal lens of investigation of the contemporary world. Foundational to this conversation is the very question itself of the role of the liberal arts in the 21st century, including the signature hallmarks of a liberal education—critical thinking, collaborative inquiry, and the ability to effectively communicate.

The Digital Studies minor is open to all students. The program's curriculum provides the requisite tools for critical analysis of how "the digital" frames human discourse, while simultaneously developing a technical understanding of how digital media and content are produced and delivered in order to prepare students for careers in the technology sector.

Learning Outcomes

Students completing the Minor in Digital Studies will be able to:

- Ability to analyze the digital environment toward the end of becoming a digital citizen 2.
- Ability to analyze the digital environment (technically and culturally) through shared inquiry and collaborative learning
- Ability to understand and utilize digital media production tools (video, audio, images, graphics, interactivity) 4.
- Ability to understand and utilize principles of digital programming (HTML5, CSS5, and Python)
- Ability to understand and utilize project management tools and skills toward the creation of digital artifacts
- Ability to understand and utilize critical thinking for the analysis of digital information and its application in the contemporary age
- Ability to produce and conceptualize through assignments and activities digital bases art within a critical-theoretical framework
- Ability to investigate through assignments and activities digital concepts within historical cultural and societal contexts
- Ability to investigate through assignments and activities the dialogic relationships between digital culture and technology
- Ability to investigate and analyze through assignments and activities the attributes and the effects of "big data" on culture and society, and develop skills and strategies for effective data management.

Matriculation Pattern

Total Requirement (five courses and four .25 credit labs)

Required Core (three courses and four .25 credit labs)

Communication, Communication Strategist Track, BA

Communication Core

Lower Division

COMM 002 - Introduction to Media and Cultural Studies
COMM 003 - Introduction to Human Communication
COMM 010 - Rhetoric and Public Discourse

Upper Division

COMM 100 - Communication Theory
COMM 195 - Internship (.25)
COMM 196 - Senior Capstone

Two required courses:

COMM 110 - Quantitative Methods
COMM 111 - Qualitative Methods

Four upper division electives:

Any four courses:

COMM 105 - International Communication
COMM 106 - Intercultural Communication
COMM 107 - Political Communication
COMM 112 - Interpersonal Communication
COMM 113 - Rhetorical Criticism
COMM 116 - Advertising and Civic Engagement
COMM 117 - Public Relations
COMM 118 - Communication Policy and Law
COMM 122 - American Journalism
COMM 123 - Sports Journalism
COMM 147 - Persuasion
COMM 170 - Group Facilitation and Leadership
COMM 161 - Communication and Social Justice
COMM 163 - Seminar in Special Topics

Communication, Media Maker Track, BA

Communication Core

Lower Division

COMM 002 - Introduction to Media and Cultural Studies
COMM 003 - Introduction to Human Communication
COMM 010 - Rhetoric and Public Discourse

Upper Division

COMM 100 - Communication Theory
COMM 195 - Internship (.25)
COMM 196 - Senior Capstone

Media Maker Track Requirements

Two required courses:

COMM 123 - Sports Journalism
COMM 125 - Media, Technology and Culture

Two upper division electives:

Choose two from the following production courses:

COMM 104 - Understanding Digital Culture
COMM 132 - Audio Production
COMM 143 - Advanced Media Production I
COMM 144 - Advanced Media Production II

Two additional upper division electives

Two additional electives (may be from the above group as well), chosen in consultation with a faculty advisor

Cinematic Arts Minor

Lower Division

ART 055 - Digital Art: Photo, Video and Sound

Upper Division

ART 155 - Experimental Film/Video
COMM 125 - Media, Technology and Culture
COMM 158 - Film

Electives

(Choose two)

ANTH 120 - Visual Anthropology
ART 195 - Academic Internship
ATC 080 - Art Theory
ATC 111 - Philosophy of New Media Art
COMM 133 - Video Production

ENGL 125 - Film

OR

ENGL 126 - Topics in Film

MODL 126 - Film *

Note

* Before enrolling in MODL 126, students should contact the instructor regarding a possible foreign language requirement. This requirement varies depending on the section being offered in a given semester.

Communication Minor

Core Courses

Lower division

COMM 002 - Introduction to Media and Cultural Studies
COMM 003 - Introduction to Human Communication

Upper division

COMM 100 - Communication Theory

Plus, three upper-division electives

One of which is an application course

Digital Studies Minor**Matriculation Pattern**

Total Requirement (five courses and four .25 credit labs)

Required Core (three courses and four .25 credit labs)

Lower Division

MA/CS 002 - Digital Literacy, Introduction to Web Design

Upper Division

COMM 104 - Understanding Digital Culture
COMM 143 - Advanced Media Production I
COMM 190 - Communication Practicum [4 required]

Electives**(CHOOSE TWO)**

ART 155 - Experimental Film/Video
COMM 109 - Visual Communication
COMM 125 - Media, Technology and Culture
COMM 133 - Video Production

Economics

Why do some countries prosper while others do not? Who benefit from increasing country wealth? How? These basic questions motivated the first economists some two centuries ago and continue to be at the core of what economists do. They have also gone far beyond the initial questions while seeking to explain a wide range of human behaviors. Modern economics has thereby become a practical, mature social science offering interesting career paths in business and government. The economic way of thinking about human behavior-as taught in our degree programs-also provides essential support to the College liberal arts mission and is a valued part of the educational experience offered at Saint Mary's.

The major in economics leads to either a Bachelor of Science (BS) or a Bachelor of Arts (BA) degree. The BS major is a quantitatively oriented program that provides excellent preparation for graduate studies and careers in economics or business administration. The BA major is a social science-oriented program that is ideal for students planning professional studies and/or careers in law, teaching, business or the public or nonprofit sectors.

The regular BA and BS degrees offer a wide range of choice regarding which courses to take in the junior and senior years. Under each degree option, students may, however, choose an interdisciplinary concentration focusing on international and development issues or the sustainability challenges facing growing economies. Students choosing one of these

concentrations should consult their advisor as early as possible, and normally no later than the beginning of their junior year, to discuss their academic and career plans.

All degree options are based on a rigorous core of economic theory and methods and the opportunity to use these to explore a wide range of applications, which may be combined with coursework in other disciplines. Throughout, the emphasis is on developing practical skills that can be used to address real world issues.

The economics minor is an excellent complement to many majors such as politics, history, mathematics, communication, accounting and business administration. The minor provides students with a core of economic theory and a sampling of the many fields of economics.

Faculty

William C. Lee, PhD, Professor, Chair

Roy E. Allen, PhD, Professor

Jackson A. Allison, PhD, Assistant Professor

Jerry J. Bodily, PhD, Professor Emeritus

Kristine L. Chase, PhD, Professor Emerita

Andras Margitay-Becht, PhD, Associate Professor

Anna Maximova, PhD, Assistant Professor

Asbjorn Moseidjord, PhD, Professor

Vilma Sielawa, PhD, Assistant Professor

Andrew Williams, PhD, Professor Emeritus

Program Learning Goals

Graduates will be effective economic analysts.

Graduates will be able to apply economic theories.

Graduates will have well developed critical thinking skills.

Graduates will be able to analyze and interpret economic data.

Internships

Students who want to combine study with practical experience in economics should contact the department chair and the SEBA Internship Coordinator in advance for information on a variety of opportunities available in both the private and public sectors. Course credit for internships may be available through enrollment in ECON 195.

Honors

Majors and minors who maintain a GPA of 3.0 overall and 3.0 (3.25 for minors) in their economics courses will be considered for induction into and a lifetime membership in the Saint Mary's chapter of Omicron Delta Epsilon, the internationally recognized economics honors society.

Minor Requirements

A student may earn only one minor in the School of Economics and Business Administration. The minor in economics requires successful completion of seven courses: Principles of Micro and Macro Economics (ECON 003 and ECON 004); Statistics (may be satisfied by BUSAD 040, or MATH 004 or MATH 113); Micro and Macro-Economic Theory (ECON 105 and ECON 106); and two additional full-credit upper-division economics courses.

Minors desiring a research experience in economics may include in their upper-division economics electives ECON 120 or (with the appropriate math and statistics prerequisites) ECON 141-ECON 142.

Economics, BA

Lower Division

MATH 003 - Finite Mathematics

OR

MATH 013 - Calculus with Elementary Functions I

OR

MATH 014 - Calculus with Elementary Functions II

OR

MATH 027 - Calculus I

- Statistics (may be satisfied by BUSAD 040 or MATH 004 or MATH 113)

ECON 003 - Principles of Microeconomics

ECON 004 - Principles of Macroeconomics

ECON 020 - Data Management for Economics

Upper Division

ECON 102 - Development of Economic Thought

ECON 105 - Microeconomic Theory

ECON 106 - Macroeconomic Theory

ECON 120 - Research Seminar

ECON 196 - Capstone AND

- Five additional full-credit upper-division courses in economics not to include ECON 199

An upper-division course from one of the following allied departments:

Anthropology, History, Politics, or Sociology; or PHIL 113, PHIL 115, or PHIL 116. Students are strongly encouraged to choose a course that supports their capstone project.

Economics, BS

Lower Division

MATH 027 - Calculus I

OR

MATH 013 - Calculus with Elementary Functions I AND

MATH 014 - Calculus with Elementary Functions II

MATH 028 - Calculus II with Applications

OR

MATH 038 - Calculus II

- Statistics (may be satisfied by BUSAD 040 or MATH 004 or MATH 113)

ECON 003 - Principles of Microeconomics

ECON 004 - Principles of Macroeconomics

ECON 020 - Data Management for Economics

Upper Division

ECON 102 - Development of Economic Thought

ECON 105 - Microeconomic Theory
ECON 106 - Macroeconomic Theory
ECON 120 - Research Seminar
ECON 141 - Methods of Quantitative Analysis
ECON 142 - Methods of Quantitative Analysis
ECON 196 - Capstone AND

- Three additional full-credit, upper-division courses in economics, not to include ECON 199

Economics, International and Development Concentration, BA

Lower Division

MATH 003 - Finite Mathematics

OR

MATH 013 - Calculus with Elementary Functions I

OR

MATH 014 - Calculus with Elementary Functions II

OR

MATH 027 - Calculus I

- **Statistics** (may be satisfied by BUSAD 040 or MATH 004 or MATH 113)

ECON 003 - Principles of Microeconomics

ECON 004 - Principles of Macroeconomics

ECON 020 - Data Management for Economics

Upper Division

ECON 102 - Development of Economic Thought

ECON 105 - Microeconomic Theory

ECON 106 - Macroeconomic Theory

ECON 120 - Research Seminar

ECON 196 - Capstone

Three of the following:

ECON 111 - Economic History of the United States

ECON 130 - Banking and Monetary Policy

ECON 160 - Comparative Economics Systems

ECON 190 - International Economics

ECON 192 - Economic Development

Two of the following:

BUSAD 180 - Global Business

ANTH 119 - Cultures of the Americas

ANTH 121 - World Cultures

ANTH 131 - Cultural Geography

ANTH 134 - Issues in Globalization

GRS 100 - Cultural Geography and Global Societies

GRS 130 - Interdisciplinary Issues in Global Studies

JCL 140 - The Global Community
SOC 116 - Global Migration
SOC 119 - Global Sociology

OR

- An upper division course from the Politics or History Departments dealing with issues relevant to the student's semester abroad experience as approved by the Economics Department.

One semester study abroad

Students are encouraged to plan the timing of their study abroad carefully to avoid conflict with the offering of required classes.

Economics, International and Development Concentration, BS

Lower Division

MATH 027 - Calculus I

OR

MATH 013 - Calculus with Elementary Functions I AND
MATH 014 - Calculus with Elementary Functions II

MATH 028 - Calculus II with Applications

OR

MATH 038 - Calculus II

- **Statistics** (may be satisfied by BUSAD 040 or MATH 004 or MATH 113)

ECON 003 - Principles of Microeconomics

ECON 004 - Principles of Macroeconomics

ECON 020 - Data Management for Economics

Upper Division

ECON 102 - Development of Economic Thought

ECON 105 - Microeconomic Theory

ECON 106 - Macroeconomic Theory

ECON 120 - Research Seminar

ECON 141 - Methods of Quantitative Analysis

ECON 142 - Methods of Quantitative Analysis

ECON 196 - Capstone

Three of the following:

ECON 111 - Economic History of the United States

ECON 130 - Banking and Monetary Policy

ECON 160 - Comparative Economics Systems

ECON 190 - International Economics

ECON 192 - Economic Development

One semester study abroad

Students are encouraged to plan the timing of their study abroad carefully to avoid conflict with the offering of required classes.

Economics, Sustainability Concentration, BA

Lower Division

MATH 003 - Finite Mathematics

OR

MATH 013 - Calculus with Elementary Functions I

OR

MATH 014 - Calculus with Elementary Functions II

OR

MATH 027 - Calculus I

- **Statistics** (may be satisfied by BUSAD 040 or MATH 004 or MATH 113)

ECON 003 - Principles of Microeconomics

ECON 004 - Principles of Macroeconomics

ECON 020 - Data Management for Economics

Add to the regular BA requirements:

BIOL 034 - Protecting Biodiversity with lab

EES 092 - Introduction to Environmental Science

Upper Division

ECON 102 - Development of Economic Thought

ECON 105 - Microeconomic Theory

ECON 106 - Macroeconomic Theory

ECON 120 - Research Seminar

ECON 150 - Environmental and Natural Resources Economics

ECON 196 - Capstone

- Two more upper-division Economics classes (except ECON 199)

EES 120 - Sustainability

One of the following:

POL 135 - Environmental Politics

POL 136 - Environmental Law and Regulation

PHIL 117 - Philosophy of Nature

PHIL 130 - Ethics

HIST 155 - Latin American Environmental History

JCL 130 - Environmental Justice

Economics, Sustainability Concentration, BS

Lower Division

MATH 027 - Calculus I

OR

MATH 013 - Calculus with Elementary Functions I AND
MATH 014 - Calculus with Elementary Functions II

MATH 028 - Calculus II with Applications

OR

MATH 038 - Calculus II

- **Statistics** (may be satisfied by BUSAD 040 or MATH 004 or MATH 113)

ECON 003 - Principles of Microeconomics

ECON 004 - Principles of Macroeconomics

ECON 020 - Data Management for Economics

Add to the regular BS requirements:

EES 092 - Introduction to Environmental Science with lab

Upper Division

ECON 102 - Development of Economic Thought

ECON 105 - Microeconomic Theory

ECON 106 - Macroeconomic Theory

ECON 120 - Research Seminar

ECON 141 - Methods of Quantitative Analysis

ECON 142 - Methods of Quantitative Analysis

ECON 150 - Environmental and Natural Resources Economics

ECON 196 - Capstone

EES 120 - Sustainability

One of the following:

POL 135 - Environmental Politics

POL 136 - Environmental Law and Regulation

PHIL 117 - Philosophy of Nature

PHIL 130 - Ethics

HIST 155 - Latin American Environmental History

JCL 130 - Environmental Justice

Economics Minor

Minor Requirements

A student may earn only one minor in the School of Economics and Business Administration. The minor in economics requires successful completion of seven courses:

ECON 003 - Principles of Microeconomics

ECON 004 - Principles of Macroeconomics

- Statistics (may be satisfied by BUSAD 040, or MATH 004 or MATH 113)

ECON 105 - Microeconomic Theory

ECON 106 - Macroeconomic Theory AND

- Two additional full-credit upper-division economics courses.

Research experience

Minors desiring a research experience in economics may include in their upper-division economics electives ECON 120 or (with the appropriate math and statistics prerequisites) ECON 141-ECON 142.

English

Faculty

Kathryn S. Koo, PhD, *Professor, Chair*
Marilyn Abildskov, MFA, *Professor*
Carol L. Beran, PhD, *Professor Emerita*
Sunayani Bhattacharya, PhD, *Assistant Professor*
Edward Biglin, PhD, *Professor Emeritus*
Glenna Breslin, PhD, *Professor Emerita*
David J. DeRose, PhD, *Professor Emeritus*
Elisa Findlay, PhD, *Assistant Professor*
Jeanne Foster, PhD, *Professor Emerita*
Brother Ronald Gallagher, FSC, PhD, *Associate Professor*
Robert E. Gorsch, PhD, *Professor*
Rosemary Graham, PhD, *Professor*
Sandra Anne Grayson, PhD, *Professor Emerita*
Brenda L. Hillman, MFA, *Professor*
Jeannine M. King, PhD, *Professor*
Emily Klein, PhD, *Associate Professor*
Carol S. Lashof, PhD, *Professor Emerita*
Hilda H. Ma, PhD, *Associate Professor*
Lisa Manter, PhD, *Professor*
Molly Metherd, PhD, *Associate Professor*
Phyllis L. Stowell, PhD, *Professor Emerita*
Meghan A. Sweeney, PhD, *Associate Professor*
Lysley Tenorio, MFA, *Professor*
Yin Yuan, PhD, *Assistant Professor*
Ben Xu, PhD, *Professor Emeritus*
Matthew Zapruder, MFA, *Associate Professor*

Learning Outcomes

When students have completed a program of study in English, they should be able to:

ENGAGE in informed, active reading, bringing to bear a broad base of literary, historical and cultural knowledge.

READ critically a wide range of literary texts, with an awareness of the theoretical assumptions behind various interpretive strategies, and the ability to choose appropriate methods of inquiry and to formulate clear questions.

APPLY a variety of reading strategies, combining critical detachment with the intellectual, imaginative, and emotional engagement necessary for appreciation.

WRITE clear, well-reasoned prose in a variety of situations (academic, professional, social) for a variety of audiences and support their arguments with appropriate, thoughtfully analyzed evidence.

CONVERSE articulately about texts and interpretations, understanding that interpretation is often a dialogic, collaborative process.

CRITICALLY evaluate how texts engage notions of diversity and difference.

4+1 Program

English majors, including those with the SMPP concentration, may participate in the Justice, Community and Leadership (JCL) 4+1 program by declaring a Single Subject 4+1 minor in JCL. Students who successfully complete both the major and JCL 4+1 minor are permitted to enroll in the Kalmanovitz School of Education credentialing courses and work towards a Masters in Teaching by fulfilling additional coursework and research components.

Special Note:

Students who successfully complete two years in the Integral Program before declaring an English major are exempt from the department's Shakespeare and pre-1800 requirements.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

English, BA

Major Requirements

Lower Division

ENGL 019 - Introduction to Literary Analysis
ENGL 029 - Issues in Literary Study

Upper Division

ENGL 175 - Shakespeare
ENGL 196 - Capstone in English

Subject areas

The remaining NINE courses will be taken from the following five subject areas. Students must take at least ONE course in each subject area.

Historical Surveys

ENGL 103 - British Literature I
ENGL 104 - British Literature II
ENGL 118 - 20th-Century Literature
ENGL 150 - American Literature Before 1800
ENGL 151 - American Literature 1800-1900
ENGL 152 - 20th-Century American Literature
ENGL 160 - Development of English Fiction I
ENGL 182 - The Drama

Movements and Eras

ENGL 119 - Contemporary Literature
ENGL 141 - Studies in Medieval Literature
ENGL 142 - Studies in Renaissance and 17th-Century Literature
ENGL 143 - Studies in Restoration and 18th-Century Literature
ENGL 144 - Studies in 19th-Century Literature
ENGL 153 - American Ethnic Writers and Oral Traditions
ENGL 154 - Studies in African-American Literature
ENGL 163 - Anglophone Literatures
ENGL 171 - Literary Movements
ENGL 173 - Women Writers
ENGL 183 - Topics in Drama
ENGL 184 - Contemporary Drama

Authors and Genres

ENGL 023 - Voices of American Diversity
ENGL 105 - Children's Literature
ENGL 115 - Chaucer
ENGL 120 - The Short Poem
ENGL 130 - Single Author
ENGL 138 - Short Fiction
ENGL 140 - Studies in Literary Genre
ENGL 161 - The English Novel
ENGL 162 - The American Novel
ENGL 180 - Milton
ENGL 185 - Individual Dramatist

Theories and Methodologies

ENGL 110 - Linguistics
ENGL 111 - Topics in Linguistics
ENGL 122 - Law and Literature
ENGL 167 - Literary Criticism I
ENGL 168 - Literary Criticism II
ENGL 170 - Problems in Literary Theory

The Art of Writing and Other Literacies

ENGL 025 - Creative Writing: Multi-Genre Studies
ENGL 100 - Advanced Composition
ENGL 102 - Creative Writing
ENGL 125 - Film
ENGL 126 - Topics in Film

Students must also take

Students must also take at least one course that fulfills each of the four following areas (these will be satisfied in the above subject categories):

British literature
American literature
Pre-1800 literature
Diverse literatures

The department recommends the study of foreign languages. Especially those students who plan to do graduate work should consult their advisors about work in other languages (e.g., German, French, Italian, Japanese, Spanish, Latin and Greek).

English, Creative Writing Emphasis, BA

Major Requirements

Lower Division

ENGL 019 - Introduction to Literary Analysis
ENGL 029 - Issues in Literary Study

Upper Division

ENGL 175 - Shakespeare
ENGL 196 - Capstone in English

Subject areas

The remaining NINE courses will be taken from the following five subject areas. Students must take at least ONE course in each subject area.

Historical Surveys

ENGL 103 - British Literature I
ENGL 104 - British Literature II
ENGL 118 - 20th-Century Literature
ENGL 150 - American Literature Before 1800
ENGL 151 - American Literature 1800-1900
ENGL 152 - 20th-Century American Literature
ENGL 160 - Development of English Fiction I
ENGL 182 - The Drama

Movements and Eras

ENGL 119 - Contemporary Literature
ENGL 141 - Studies in Medieval Literature
ENGL 142 - Studies in Renaissance and 17th-Century Literature
ENGL 143 - Studies in Restoration and 18th-Century Literature
ENGL 144 - Studies in 19th-Century Literature
ENGL 153 - American Ethnic Writers and Oral Traditions
ENGL 154 - Studies in African-American Literature
ENGL 163 - Anglophone Literatures
ENGL 171 - Literary Movements
ENGL 173 - Women Writers
ENGL 183 - Topics in Drama
ENGL 184 - Contemporary Drama

Authors and Genres

ENGL 023 - Voices of American Diversity
ENGL 105 - Children's Literature
ENGL 115 - Chaucer
ENGL 120 - The Short Poem
ENGL 130 - Single Author
ENGL 138 - Short Fiction
ENGL 140 - Studies in Literary Genre
ENGL 161 - The English Novel
ENGL 162 - The American Novel
ENGL 180 - Milton
ENGL 185 - Individual Dramatist

Theories and Methodologies

ENGL 110 - Linguistics
ENGL 111 - Topics in Linguistics
ENGL 122 - Law and Literature
ENGL 167 - Literary Criticism I
ENGL 168 - Literary Criticism II
ENGL 170 - Problems in Literary Theory

The Art of Writing and Other Literacies

ENGL 025 - Creative Writing: Multi-Genre Studies
ENGL 100 - Advanced Composition
ENGL 102 - Creative Writing

ENGL 125 - Film
ENGL 126 - Topics in Film

Students must also take

Students must also take at least one course that fulfills each of the four following areas (these will be satisfied in the above subject categories):

British literature
American literature
Pre-1800 literature
Diverse literatures

The department recommends the study of foreign languages. Especially those students who plan to do graduate work should consult their advisors about work in other languages (e.g., German, French, Italian, Japanese, Spanish, Latin and Greek).

Creative Writing Emphasis

The English major provides a broad foundation in the discipline. Students who desire to focus on a specific area of interest may do so by choosing electives within the major that meet the following requirements:

ENGL 025 - Creative Writing: Multi-Genre Studies (preferably first-year or sophomore year)

Any three upper-division creative writing classes:

ENGL 102 - Creative Writing (poetry, fiction, non-fiction, dramatic writing, screenwriting)

OR

ENGL 100 - Advanced Composition

Two semesters of

ENGL 026 - Creative Writing Reading Series

English, Dramatic and Film Arts Emphasis, BA

Major Requirements

Lower Division

ENGL 019 - Introduction to Literary Analysis
ENGL 029 - Issues in Literary Study

Upper Division

ENGL 175 - Shakespeare
ENGL 196 - Capstone in English

Subject areas

The remaining NINE courses will be taken from the following five subject areas. Students must take at least ONE course in each subject area.

Historical Surveys

ENGL 103 - British Literature I
ENGL 104 - British Literature II
ENGL 118 - 20th-Century Literature
ENGL 150 - American Literature Before 1800
ENGL 151 - American Literature 1800-1900
ENGL 152 - 20th-Century American Literature
ENGL 160 - Development of English Fiction I
ENGL 182 - The Drama

Movements and Eras

ENGL 119 - Contemporary Literature
ENGL 141 - Studies in Medieval Literature
ENGL 142 - Studies in Renaissance and 17th-Century Literature
ENGL 143 - Studies in Restoration and 18th-Century Literature
ENGL 144 - Studies in 19th-Century Literature
ENGL 153 - American Ethnic Writers and Oral Traditions
ENGL 154 - Studies in African-American Literature
ENGL 163 - Anglophone Literatures
ENGL 171 - Literary Movements
ENGL 173 - Women Writers
ENGL 183 - Topics in Drama
ENGL 184 - Contemporary Drama

Authors and Genres

ENGL 023 - Voices of American Diversity
ENGL 105 - Children's Literature
ENGL 115 - Chaucer
ENGL 120 - The Short Poem
ENGL 130 - Single Author
ENGL 138 - Short Fiction
ENGL 140 - Studies in Literary Genre
ENGL 161 - The English Novel
ENGL 162 - The American Novel
ENGL 180 - Milton
ENGL 185 - Individual Dramatist

Theories and Methodologies

ENGL 110 - Linguistics
ENGL 111 - Topics in Linguistics
ENGL 122 - Law and Literature
ENGL 167 - Literary Criticism I
ENGL 168 - Literary Criticism II
ENGL 170 - Problems in Literary Theory

The Art of Writing and Other Literacies

ENGL 025 - Creative Writing: Multi-Genre Studies
ENGL 100 - Advanced Composition
ENGL 102 - Creative Writing
ENGL 125 - Film
ENGL 126 - Topics in Film

Students must also take

Students must also take at least one course that fulfills each of the four following areas (these will be satisfied in the above subject categories):

British literature
American literature
Pre-1800 literature
Diverse literatures

The department recommends the study of foreign languages. Especially those students who plan to do graduate work should consult their advisors about work in other languages (e.g., German, French, Italian, Japanese, Spanish, Latin and Greek).

Dramatic and Film Arts Emphasis

The English major provides a broad foundation in the discipline. Students who desire to focus on a specific area of interest may do so by choosing electives within the major that meet the following requirements:

ENGL 125 - Film

OR

ENGL 126 - Topics in Film

Any three of the following:

ENGL 102 - Creative Writing
ENGL 182 - The Drama
ENGL 183 - Topics in Drama
ENGL 184 - Contemporary Drama
ENGL 185 - Individual Dramatist

Note

Other English and upper-division January Term courses with film or drama-based content may also apply to the emphasis.

English, Literary Theory and History Emphasis, BA

Major Requirements

Lower Division

ENGL 019 - Introduction to Literary Analysis
ENGL 029 - Issues in Literary Study

Upper Division

ENGL 175 - Shakespeare
ENGL 196 - Capstone in English

Subject areas

The remaining NINE courses will be taken from the following five subject areas. Students must take at least ONE course in each subject area.

Historical Surveys

ENGL 103 - British Literature I
ENGL 104 - British Literature II

ENGL 118 - 20th-Century Literature
ENGL 150 - American Literature Before 1800
ENGL 151 - American Literature 1800-1900
ENGL 152 - 20th-Century American Literature
ENGL 160 - Development of English Fiction I
ENGL 182 - The Drama

Movements and Eras

ENGL 119 - Contemporary Literature
ENGL 141 - Studies in Medieval Literature
ENGL 142 - Studies in Renaissance and 17th-Century Literature
ENGL 143 - Studies in Restoration and 18th-Century Literature
ENGL 144 - Studies in 19th-Century Literature
ENGL 153 - American Ethnic Writers and Oral Traditions
ENGL 154 - Studies in African-American Literature
ENGL 163 - Anglophone Literatures
ENGL 171 - Literary Movements
ENGL 173 - Women Writers
ENGL 183 - Topics in Drama
ENGL 184 - Contemporary Drama

Authors and Genres

ENGL 023 - Voices of American Diversity
ENGL 105 - Children's Literature
ENGL 115 - Chaucer
ENGL 120 - The Short Poem
ENGL 130 - Single Author
ENGL 138 - Short Fiction
ENGL 140 - Studies in Literary Genre
ENGL 161 - The English Novel
ENGL 162 - The American Novel
ENGL 180 - Milton
ENGL 185 - Individual Dramatist

Theories and Methodologies

ENGL 110 - Linguistics
ENGL 111 - Topics in Linguistics
ENGL 122 - Law and Literature
ENGL 167 - Literary Criticism I
ENGL 168 - Literary Criticism II
ENGL 170 - Problems in Literary Theory

The Art of Writing and Other Literacies

ENGL 025 - Creative Writing: Multi-Genre Studies
ENGL 100 - Advanced Composition
ENGL 102 - Creative Writing
ENGL 125 - Film
ENGL 126 - Topics in Film

Students must also take

Students must also take at least one course that fulfills each of the four following areas (these will be satisfied in the above subject categories):

British literature
American literature
Pre-1800 literature
Diverse literatures

The department recommends the study of foreign languages. Especially those students who plan to do graduate work should consult their advisors about work in other languages (e.g., German, French, Italian, Japanese, Spanish, Latin and Greek).

Literary Theory and History Emphasis

(preparation for graduate study)

The English major provides a broad foundation in the discipline. Students who desire to focus on a specific area of interest may do so by choosing electives within the major that meet the following requirements:

- One additional course in literary criticism or theory
 - One pre-1900 course
 - Two courses each in British and American literature
- ENGL 198 - Senior Honors Thesis (Independent Study)

English, Teaching Emphasis, BA

Major Requirements

Lower Division

ENGL 019 - Introduction to Literary Analysis
ENGL 029 - Issues in Literary Study

Upper Division

ENGL 175 - Shakespeare
ENGL 196 - Capstone in English

Subject areas

The remaining NINE courses will be taken from the following five subject areas. Students must take at least ONE course in each subject area.

Historical Surveys

ENGL 103 - British Literature I
ENGL 104 - British Literature II
ENGL 118 - 20th-Century Literature
ENGL 150 - American Literature Before 1800
ENGL 151 - American Literature 1800-1900
ENGL 152 - 20th-Century American Literature
ENGL 160 - Development of English Fiction I
ENGL 182 - The Drama

Movements and Eras

ENGL 119 - Contemporary Literature
ENGL 141 - Studies in Medieval Literature

ENGL 142 - Studies in Renaissance and 17th-Century Literature
ENGL 143 - Studies in Restoration and 18th-Century Literature
ENGL 144 - Studies in 19th-Century Literature
ENGL 153 - American Ethnic Writers and Oral Traditions
ENGL 154 - Studies in African-American Literature
ENGL 163 - Anglophone Literatures
ENGL 171 - Literary Movements
ENGL 173 - Women Writers
ENGL 183 - Topics in Drama
ENGL 184 - Contemporary Drama

Authors and Genres

ENGL 023 - Voices of American Diversity
ENGL 105 - Children's Literature
ENGL 115 - Chaucer
ENGL 120 - The Short Poem
ENGL 130 - Single Author
ENGL 138 - Short Fiction
ENGL 140 - Studies in Literary Genre
ENGL 161 - The English Novel
ENGL 162 - The American Novel
ENGL 180 - Milton
ENGL 185 - Individual Dramatist

Theories and Methodologies

ENGL 110 - Linguistics
ENGL 111 - Topics in Linguistics
ENGL 122 - Law and Literature
ENGL 167 - Literary Criticism I
ENGL 168 - Literary Criticism II
ENGL 170 - Problems in Literary Theory

The Art of Writing and Other Literacies

ENGL 025 - Creative Writing: Multi-Genre Studies
ENGL 100 - Advanced Composition
ENGL 102 - Creative Writing
ENGL 125 - Film
ENGL 126 - Topics in Film

Students must also take

Students must also take at least one course that fulfills each of the four following areas (these will be satisfied in the above subject categories):

British literature
American literature
Pre-1800 literature
Diverse literatures

The department recommends the study of foreign languages. Especially those students who plan to do graduate work should consult their advisors about work in other languages (e.g., German, French, Italian, Japanese, Spanish, Latin and Greek).

Teaching Emphasis

The English major provides a broad foundation in the discipline. Students who desire to focus on a specific area of interest may do so by choosing electives within the major that meet the following requirements:

The major in English, with a concentration in the Subject Matter Preparation Program (SMPP), has been approved by the Commission on Teaching Credentialing of the State of California as meeting the subject matter preparation requirements for a teaching credential. Students who successfully complete the major with a SMPP concentration are permitted to enroll in a credentialing program while waiving the CSET examinations required for high school teaching. It is important that those thinking of a teaching career consult both the coordinator of SMPP in English and the director of the Single Subject Credential Program in the Kalmanovitz School of Education to make sure that all the prerequisites for the credential are fulfilled.

Creative Writing Minor

Minor Requirements

The creative writing minor is designed for students who wish to explore their creative potential as writers. The creative writing minor is also excellent preparation for students who wish to gain a greater appreciation of the art of writing, who wish to pursue a career in writing or journalism, or who simply wish to develop their academic or business writing skills.

A minor in creative writing requires

ENGL 019 - Introduction to Literary Analysis
ENGL 025 - Creative Writing: Multi-Genre Studies

Two semesters of

ENGL 026 - Creative Writing Reading Series

AND three upper-division courses chosen from among the following:

ENGL 100 - Advanced Composition
ENGL 102 - Creative Writing (may be repeated for credit in fiction, poetry, creative non-fiction, drama, and screenwriting)

English Minor

Minor Requirements

A minor in English requires

ENGL 019 - Introduction to Literary Analysis
ENGL 029 - Issues in Literary Study
ENGL 175 - Shakespeare AND

- Three upper-division English electives

MFA in Creative Writing

The MFA in Creative Writing is a two-year course of study in fiction, creative nonfiction or poetry with the option for a third year (dual-concentration) in an alternate genre. The program takes as its central mission the education and formal training of serious writers and is distinguished by its commitment to the writer as an intellectual functioning within a cultural context.

Combining work in writing, craft and literature, the MFA requires completion of a creative master's thesis and 10 courses, including intensive writing workshops, craft seminars, and literature courses.

Students are admitted to the program primarily on the strength of a manuscript of original work submitted with the online application, which is judged according to its literary merit and its indication of the author's readiness to study writing and literature on the graduate level.

For more information, contact the MFA in Creative Writing:

Saint Mary's College
1928 Saint Mary's Road
PMB 4686
Moraga, CA 94575-4686
(925) 631-4762
writers@stmarys-ca.edu
stmarys-ca.edu/mfawrite

Learning Outcomes

Students in the MFA Program graduate with improved competency in their writing, particularly in their chosen genre (fiction, creative nonfiction, or poetry). In addition, they receive a sophisticated introduction to information technology as well as the professional aspects of the writing life.

Students will be able to:

ENGAGE at a professional level in the writing of their chosen genre (fiction, creative nonfiction, or poetry).

ARTICULATE the correspondences between their own writing and the corpus of literature and thought which primarily informs their aesthetics.

USE INFORMATION TECHNOLOGY with a high level of sophistication, either for the purpose of academic research or for the purpose of primary research that may inform a given piece of writing.

WORK EFFECTIVELY as professional writers: publish work in literary journals and magazines; solicit and procure literary agents; solicit and procure publishers for manuscripts or book projects; give public readings; apply for and receive funding for literary projects; exhibit a preparedness for finding employment in various professional fields, such as education, journalism, public relations, publishing, arts administration, and technical writing.

3+2 Engineering Program

Through the 3 + 2 Engineering Program, Saint Mary's offers students the benefits of a liberal arts education while allowing them to pursue an engineering degree. Students spend their first three years at Saint Mary's taking physical science, mathematics, humanities and social science courses. The final two years are completed at an engineering school approved by the program's director. Upon completion of all academic requirements, students are granted two degrees: a bachelor of arts from Saint Mary's College and a bachelor of science in engineering from the university they have chosen for completing the final two years of the program. The full range of engineering specializations can be studied: Computer Science, Electrical Engineering, Biomedical Engineering, Aeronautical Engineering, Chemical Engineering, and Mechanical Engineering. Saint Mary's has a transfer agreement with Washington University in St. Louis which guarantees admission to our students who have a grade point average of at least 3.25.

Faculty

Jessica Kintner, PhD, *Director; Professor of Physics and Astronomy*

Learning Outcomes

After completing the Engineering Program at Saint Mary's, students will have a working knowledge of the physical world and mathematics, and a developed ability to reason and communicate. These gains will allow the students to succeed in the specialized engineering courses taken after transferring and to work effectively as an engineer upon graduation.

3 + 2 Engineering Program

Requirements

Students must satisfy the following requirements: The completion of 27 transferable course credits with a minimum of 18 completed at Saint Mary's. The core curriculum requirements are modified to fit in three years rather than four. Students are not required to take: SEM 104, a fourth Jan Term, a second TRS course, a fourth engaging the world area, or a language. All other core curriculum requirements remain in place.

Habits of Mind:

Collegiate Seminar Courses:

3 courses including

SEM 001 - Critical Strategies and Great Questions
SEM 002 - Western Tradition I
SEM 103 - Western Tradition II

Writing Courses:

3 courses including

ENGL 004 - Composition
ENGL 005 - Argument and Research
PHYSI 181 - Electronics and Instrumentation

Pathways to Knowledge:

Mathematical Understanding:

1 course

Theological Understanding:

1 course, Christian Foundations

Social, Historical, and Cultural Understanding:

2 courses

Artistic Understanding:

2 courses designated as meeting the Artistic Analysis learning outcomes and at least .25 credits in a course designated as meeting the Creative Practice learning outcome.

Engaging the World:

3 courses that span three of the following four areas: Common Good, American Diversity, Global Perspectives, and Community Engagement

Completion of the following courses:

MATH 027 - Calculus I
MATH 038 - Calculus II
MATH 039 - Calculus III
MATH 134 - Differential Equations
PHYSI 001 - Introduction to Physics I
PHYSI 002 - Introduction to Physics I Laboratory
PHYSI 003 - Introduction to Physics II
PHYSI 004 - Introduction to Physics II Laboratory
PHYSI 060 - Modern Physics

- PHYSI 60L (lab)

PHYSI 102 - Computational Physics

PHYSI 105 - Analytical Mechanics
PHYSI 181 - Electronics and Instrumentation
CHEM 008 - General Chemistry I
CHEM 009 - General Chemistry Lab I

- Four upper division Physics electives *

Note

* MATH 120 may be substituted for an upper division Physics elective

OR

For future CS Engineers:

Completion of the following courses:

MATH 027 - Calculus I
MATH 038 - Calculus II
MATH 039 - Calculus III
MATH 134 - Differential Equations
PHYSI 001 - Introduction to Physics I
PHYSI 002 - Introduction to Physics I Laboratory
PHYSI 003 - Introduction to Physics II
PHYSI 004 - Introduction to Physics II Laboratory
PHYSI 060 - Modern Physics

- PHYSI 060L (lab)

PHYSI 102 - Computational Physics
PHYSI 181 - Electronics and Instrumentation

- Three upper division CS or Physics electives *

Note

* MATH 120 may be substituted for an upper division Physics elective

Note

Other courses may be required or recommended for a particular branch of engineering. The student must consult with the 3 + 2 Engineering Program director regarding their course of study.

Environmental and Earth Science

The Environmental and Earth Sciences (EES) programs provide students with foundational knowledge from many disciplines. This knowledge is then applied to the study, management, and conservation of the environment and living systems around us. Students examine the structure, function and dynamics of ecosystems, the interaction between biotic and abiotic systems, and explore how human enterprise is adversely affecting our global environment. Students examine how environmental degradation and pollution can be lessened or prevented by the application of conservation and management principles derived from ecological theory. Our students work towards a deep understanding of the natural world around them, while at the same time acquiring practical skill sets useful for addressing the serious environmental issues with which we as a society are faced. Our degree programs foster deep critical thinking and scientific understanding and offer a range of heuristic approaches to addressing environmental issues that span from the natural sciences to aspects of the social sciences and humanities.

The location of Saint Mary's College, on the cusp between the urban centers of the Bay Area and the more rural setting of the coast range and the Central Valley provide unique opportunities for our students. Due to our location we have easy access

to freshwater systems, (streams, wetlands, etc.), the Sacramento San Joaquin Delta, the coast range mountains, mixed oak woodland forests, and chaparral communities. Some of our students are also able to take advantage of internships in a variety of fields due to our proximity to the greater San Francisco Bay Area.

Faculty

Alice Baldrige, PhD, Director

(Geological and planetary sciences, aqueous geochemical systems)

Manisha Anantharaman, PhD

(Environmental Justice)

Steven Bachofer, PhD

(Inorganic/Environmental Chemistry)

Carla C. Bossard, PhD

(Terrestrial ecology, plant science)

Joel Burley, PhD

(Atmospheric Chemistry, pollution in national parks and forests)

Michael P. Marchetti, PhD

(Aquatic and marine ecology, conservation biology)

Asbjorn Moseidjord, PhD

(Environmental economics)

Myrna Santiago, PhD

(Environmental history)

Nekesha Williams, PhD

(Environmental Sciences, coastal and hydrological systems, GIS)

Steven Woolpert, PhD

(Environmental politics)

Learning Outcomes

When students complete the Environmental Science and Studies programs, they will be able to:

RECALL and synthesize the knowledge derived from biology, chemistry, physics, earth science, economics and political science to better understand the earth's environment.

COMPREHEND environmental problems from multiple perspectives.

EVALUATE the credibility of varying sources of information on environment.

DISPLAY cognizance of ethical considerations and be mindful of them when constructing solutions to environmental problems.

RECOGNIZE the interconnectedness of earth's ecosystems and human dependence on them.

COMMUNICATE environmental findings through seminars, written scientific reports and visual presentations.

KNOW how to access information on environmental topics from library sources, original scientific literature and the Internet.

DEMONSTRATE competence in using the basic equipment used to gather information on the environment.

RECOGNIZE processes and patterns of environmental interactions.

Curriculum and Course Requirements

Two degrees are offered. A bachelor of science (BS) in Environmental Science and a bachelor of arts (BA) in Environmental Studies. The bachelor of arts program involves less scientific rigor than the bachelor of science. Three minors are also offered in Environmental Science, Environmental Studies and Earth Sciences. All environmental science and studies majors will also be required to do either a research internship or a senior research thesis (such as the ongoing summer research program in the School of Science) or a senior project.

Earth Science, BS

Required: 16 courses plus a senior project

Lower Division Core Courses

EES 040 - Physical Geology

- EES 041 - Lab

EES 050 - Historical Geology

- EES 051 - Lab

BIOL 050 - General Biology

BIOL 051 - General Biology Laboratory

CHEM 008 - General Chemistry I

CHEM 009 - General Chemistry Lab I

CHEM 010 - General Chemistry II

CHEM 011 - General Chemistry Lab II

MATH 027 - Calculus I

MATH 028 - Calculus II with Applications

PHYSI 010 - General Physics I

- PHYSI 010L - General Physics Lab I

Upper Division Core Courses

EES 100 - Hydrology

EES 110 - Introduction to GIS/Remote Sensing

EES 160 - Earth Materials

EES 180 - Sedimentology and Stratigraphy

Select five of the following courses:

EES 140 - Environmental Geology/Natural Disasters

EES 150 - Environmental and Physical Geology of the Parks

EES 175 - Wetlands

EES 190 - Structural and Regional Geology

EES 195 - Internship

EES 197 - Independent Study

CHEM 119 - Environmental Chemistry

BIOL 125 - General Ecology

ECON 150 - Environmental and Natural Resources Economics

POL 135 - Environmental Politics

OR

POL 136 - Environmental Law and Regulation

BIOL 119 - Research Design and Biostatistics

Senior Project (required)

EES 196 - Senior Project

Environmental Sciences, BS

Required: 16 courses plus a senior project

Seven Required Lower Division Courses

EES 040 - Physical Geology

- EES 41 - Lab

OR

EES 050 - Historical Geology

- EES 51 - Lab

CHEM 008 - General Chemistry I

CHEM 009 - General Chemistry Lab I

CHEM 010 - General Chemistry II

CHEM 011 - General Chemistry Lab II

MATH 027 - Calculus I

BIOL 001 - Introduction to Cell Biology, Molecular Biology and Biochemistry

BIOL 002 - Introductory Biology for Majors: Organisms and Evolution

PHYSI 010 - General Physics I

- PHYSI 010L - General Physics Lab I

Five Required Upper Division Courses

EES 100 - Hydrology

BIOL 119 - Research Design and Biostatistics

OR

MATH 113 - Probability and Statistics

ECON 150 - Environmental and Natural Resources Economics

POL 135 - Environmental Politics

OR

POL 136 - Environmental Law and Regulation

BIOL 125 - General Ecology

Four Upper Division Electives From The Following, Including Labs

EES 110 - Introduction to GIS/Remote Sensing

EES 140 - Environmental Geology/Natural Disasters

EES 150 - Environmental and Physical Geology of the Parks

EES 160 - Earth Materials

EES 175 - Wetlands

EES 180 - Sedimentology and Stratigraphy

EES 195 - Internship

EES 197 - Independent Study

BIOL 113 - Aquatic/Marine Biology

BIOL 142 - California Flora and Communities

BIOL 144 - General Botany

BIOL 152 - Conservation Science

CHEM 119 - Environmental Chemistry
CHEM 104 - Organic Chemistry I
CHEM 106 - Organic Chemistry II

Senior Project (.25)

EES 196 - Senior Project

Environmental Studies, BA

Required: 14 courses plus a senior project

Five Required Courses

BIOL 050 - General Biology
BIOL 125 - General Ecology
ECON 150 - Environmental and Natural Resources Economics

POL 135 - Environmental Politics

OR

POL 136 - Environmental Law and Regulation

OR

JCL 130 - Environmental Justice

EES 100 - Hydrology

Select Three Lower Division Electives from the Following, Including All Labs

MATH 004 - Introduction to Probability and Statistics
EES 040 - Physical Geology

◦ EES 041 - Lab
EES 050 - Historical Geology

◦ EES 051 - Lab
EES 060 - Urban Environmental Issues

◦ EES 061 - Lab
PHYSI 040 - Revolutions in Science
PHYSI 041 - Revolutions in Science Laboratory
EES 092 - Introduction to Environmental Science

◦ EES 093 - Lab
BIOL 034 - Protecting Biodiversity

Six Upper Division Electives from the Following, Including Labs

EES 110 - Introduction to GIS/Remote Sensing
EES 120 - Sustainability
EES 140 - Environmental Geology/Natural Disasters
EES 150 - Environmental and Physical Geology of the Parks
EES 175 - Wetlands
EES 180 - Sedimentology and Stratigraphy
EES 195 - Internship

EES 197 - Independent Study
BIOL 113 - Aquatic/Marine Biology
BIOL 119 - Research Design and Biostatistics
BIOL 142 - California Flora and Communities
BIOL 144 - General Botany
BIOL 152 - Conservation Science
HIST 155 - Latin American Environmental History
HIST 160 - Topics in Asian History
SOC 135 - Special Topics *
POL 126 - Food Politics
POL 135 - Environmental Politics
POL 136 - Environmental Law and Regulation
JCL 130 - Environmental Justice
TRS 174 - Sustainability, Religion, Spirituality

Note

*This is a topics course. It should only count for the major when offered as Society and Environment

Those who do not meet the prerequisite courses will need permission of the instructor.

Senior Project (.25)

EES 196 - Senior Project

Earth Science Minor

Minor Requirements

Take three lower division courses

EES 040 - Physical Geology

◦ EES 041 - Lab

EES 050 - Historical Geology

◦ EES 051 - Lab

EES 092 - Introduction to Environmental Science

Choose three upper division courses

EES 100 - Hydrology

EES 110 - Introduction to GIS/Remote Sensing

EES 175 - Wetlands

EES 140 - Environmental Geology/Natural Disasters

ECON 150 - Environmental and Natural Resources Economics

One of the following

EES 160 - Earth Materials

EES 180 - Sedimentology and Stratigraphy

Environmental Science Minor

Minor Requirements

Choose two lower division courses

EES 092 - Introduction to Environmental Science
BIOL 050 - General Biology

EES 040 - Physical Geology AND

- EES 041 - Lab

OR

EES 050 - Historical Geology AND

- EES 051 - Lab

EES 060 - Urban Environmental Issues

Choose four upper division courses

EES 100 - Hydrology
EES 110 - Introduction to GIS/Remote Sensing
BIOL 113 - Aquatic/Marine Biology
EES 175 - Wetlands
BIOL 119 - Research Design and Biostatistics
BIOL 125 - General Ecology
BIOL 142 - California Flora and Communities
BIOL 144 - General Botany
BIOL 152 - Conservation Science

Environmental Studies Minor

Minor Requirements

Choose two lower division courses

EES 092 - Introduction to Environmental Science
BIOL 050 - General Biology
EES 040 - Physical Geology
EES 060 - Urban Environmental Issues

Choose four upper division courses

BIOL 125 - General Ecology
BIOL 152 - Conservation Science
ECON 150 - Environmental and Natural Resources Economics
POL 135 - Environmental Politics
POL 136 - Environmental Law and Regulation
EES 100 - Hydrology
EES 110 - Introduction to GIS/Remote Sensing

Ethnic Studies

The Ethnic Studies Program at Saint Mary's College of California takes a critical multidisciplinary approach to addressing issues of power, resistance, and social justice. Ethnic Studies students learn comparative multiracial and multiethnic perspectives to examine race, ethnicity, gender, class, sexuality, legal status, Indigeneity, and other dimensions of identity and lived experience. Born from student protests from the 1960s social movements, the field of Ethnic Studies believes in the holistic understanding of the individual and their environment in order to fully analyze social problems and enact change. The Ethnic Studies approach to teaching and learning incorporates many academic fields, including the arts, communication, global studies, history, politics, psychology, queer studies, sociology, theology and religious studies, and women and gender studies.

Students critique dominant frameworks through an analysis of power and applied, community-based methods that center the perspectives and needs of historically marginalized communities. Through coursework, research, and community engagement, Ethnic Studies students explore social constructions of identity, forms of oppression, and community building within the U.S. and beyond, with particular attention paid to African American and Black, Latinx, Native American, Asian American and Pacific Islander communities.

Ethnic Studies embodies the College's Lasallian commitment to social justice, respect for all persons, and the fostering of an inclusive community.

Faculty

Loan Thi Dao, PhD, *Associate Professor, Director*

David Quijada, PhD, *Associate Professor*

Ethnic Studies Faculty Advisory Board

Nicole Brown, PhD, *Sociology*

Ynez Hirst, PhD, *Sociology*

Emily Klein, PhD, *English*

Amissa Miller, PhD, *Performing Arts*

Scott Schönfeldt-Aultman, PhD, *Communication*

Michael Viola, PhD., *Justice, Community & Leadership*

Ethnic Studies Community Advisory Board

Rebecca Aguiano, PhD, *Counseling Psychology*

Cynthia Martinez, PhD, *Counseling Psychology*

Legacy Lee, MA, *Intercultural Center*

Alvaro Ramirez, PhD, *World Languages and Cultures*

The educational goals of the Ethnic Studies Program for majors and minors include:

EXPLORING the cultural and social histories of African American, Latino, Native American and Asian American/Pacific Islander ethnic groups.

INTEGRATING Catholic social justice teaching, the Lasallian core values, and service based learning in service of these historically underrepresented groups.

CRITICALLY EXAMINING United States racial and ethnic diversities and their interrelatedness to other international socio-historic systems.

Upon completion of the Ethnic Studies major, students will be able to:

DESCRIBE the history and social theories relevant to a critical understanding of African American, Latino, Native American, and Asian American/Pacific Islander ethnic groups;

EMPLOY theoretical and analytical frameworks to understand an increasingly complex, multicultural and interdependent world;

IDENTIFY the social, historical, economic, and religious factors that have affected and continue to affect ethnic groups in the U.S.;

EXHIBIT critical thinking about issues of social injustice and the common good, and strategies for working towards social justice.

Ethnic Studies, BA

Major Requirements

The major consists of eleven (11) courses total; two (2) lower division and nine (9) upper division

Lower Division Core

ES 001 - Introduction to Ethnic Studies

ES 050 - Creating Community: Introduction to Skills for Building a Socially Just Society

Upper Division Core

ES 101 - Critical Race Theory

ES 196 - Capstone Course

Methods Course

(Choose one from the following list. Other courses may be taken with the approval of the Program Director)

COMM 111 - Qualitative Methods

COMM 143 - Advanced Media Production I

ENGL 170 - Problems in Literary Theory

HIST 104 - Historical Interpretation

HIST 105 - Modern Approaches to History

JCL 120 - Theory and Inquiry in Justice, Community and Leadership

SOC 132 - Sociological Research Methods

Six Upper Division Electives

Students will take two (2) courses from each of the following categories: Ethnic Groups and Identity; Arts and Literature; and Socioeconomics and Inequality.

Ethnic Groups and Identity:

This area includes courses that address the role ethnicity plays in one's individual, social, and political experiences and identity. The courses listed below are representative of courses that address some of the above particularities. Other courses accepted with approval by Program Director.

ES 102 - Youth Cultures, Identities and New Ethnicities

ES/ COMM 106 - Intercultural Communication

ES/ HIST 139 - History of Women in America

ES/ HIST 140 - African-American History: 1619 to 1865

ES/ HIST 141 - African-American History: 1865 to the Present

ES/ POL 110 - Politics of Race

ES/ POL 140 - Gender Politics A/B

ES/ PSYCH 168 - Topics on Culture, Race, and Ethnicity in Psychology

ES/ SOC 107 - Whiteness

ES/ SOC 111 - Sociology of Families

ES/ SOC 112 - Race and Ethnicity

ES/ SOC 123 - Ethnic Groups in the United States

ES/ SOC 125 - Gender and Society

ES/ SPAN 132 - Special Topics in Hispanic Cultural Studies

ES/ TRS 171 - Gender and Religion in American Culture

Arts and Literature:

Within Ethnic Studies, the role of Arts and Literature is not only to reflect the social reality of ethnic experiences in the United States, but also to shape and transform that reality. Students will examine competing notions of identity and community that emerge in the literary and artistic expressions of U.S. writers and artists of color. The courses listed below are representative of courses that address some of the above particularities. Other courses accepted with approval by Program Director.

ES/ COMM 143 - Advanced Media Production I

ES/ ENGL 154 - Studies in African-American Literature

ES/ ENGL 184 - Contemporary Drama
ES/ PERFA 113 - Jazz and Blues in America
ES/ SPAN 150 - Chicano / Chicana Literature
SEM 144 - Multicultural Thought

Socioeconomics and Inequality:

This area includes courses that address the relationship between race and ethnicity and economic, political, and social inequalities in contemporary society. The courses listed below are representative of courses that address some of the above particularities. Other courses accepted with approval by Program Director.

ES/ ANTH 131 - Cultural Geography
ES/ COMM 161 - Communication and Social Justice
ES/ HIST 142 - History of California
ES/ JCL 130 - Environmental Justice
ES/ POL 101 - State and Urban Politics
ES/ POL 106 - Politics of Labor
ES/ POL 115 - Theories of Justice
ES/ POL 125 - Human Rights
ES/ POL 126 - Food Politics
ES/ POL 127 - Field Work for POL 126: Food Politics
ES/ SOC 112 - Race and Ethnicity
ES/ SOC 115 - Wealth and Poverty
ES/ SOC 120 - Social Movements
ES/ SOC 122 - Education and Society
ES/ TRS 117 - Wealth and Poverty in the Bible

Note

In addition, new courses are approved on a term-to-term basis.

Ethnic Studies Minor

The Ethnic Studies minor comprises 6 courses-2 lower division and 4 upper division:

Lower Division (2)

ES 001 - Introduction to Ethnic Studies
ES 050 - Creating Community: Introduction to Skills for Building a Socially Just Society

Ethnic Studies Theory (1)

ES 101 - Critical Race Theory

(OR other Theory course approved by Program Director)

Upper Division Electives (3)

Select any three (3) courses from any of the following categories: Ethnic Groups and Identity; Arts and Literature; Socioeconomics and Inequality. Additional courses may be approved on a term-to-term basis.

Ethnic Groups and Identity

This area includes courses that address the role ethnicity plays in one's individual, social, and political experiences and identity. The courses listed below are representative of courses that address some of the above particularities. Other courses accepted with approval by Program Director.

- ES 102 - Youth Cultures, Identities and New Ethnicities
- ES/ COMM 106 - Intercultural Communication
- ES/ HIST 139 - History of Women in America
- ES/ HIST 140 - African-American History: 1619 to 1865
- ES/ HIST 141 - African-American History: 1865 to the Present
- ES/ SOC 107 - Whiteness
- ES/ SOC 111 - Sociology of Families
- ES/ SOC 112 - Race and Ethnicity
- ES/ SOC 123 - Ethnic Groups in the United States
- ES/ SOC 125 - Gender and Society
- ES/ POL 110 - Politics of Race
- ES/ POL 140 - Gender Politics A/B
- ES/ PSYCH 168 - Topics on Culture, Race, and Ethnicity in Psychology
- ES/ TRS 171 - Gender and Religion in American Culture

Arts and Literature

Within Ethnic Studies, the role of Arts and Literature is not only to reflect the social reality of ethnic experiences in the United States, but also to shape and transform that reality. Students will examine competing notions of identity and community that emerge in the literary and artistic expressions of U.S. writers and artists of color. The courses listed below are representative of courses that address some of the above particularities. Other courses accepted with approval by Program Director.

- ES/ COMM 143 - Advanced Media Production I
- ES/ ENGL 154 - Studies in African-American Literature
- ES/ ENGL 184 - Contemporary Drama
- ES/ PERFA 113 - Jazz and Blues in America
- ES/ SPAN 150 - Chicano / Chicana Literature
- SEM 144 - Multicultural Thought

Socioeconomics and Inequality

This area includes courses that address the relationship between race and ethnicity and economic, political, and social inequalities in contemporary society. The courses listed below are representative of courses that address some of the above particularities. Other courses accepted with approval by Program Director.

- ES/ ANTH 131 - Cultural Geography
- ES/ COMM 161 - Communication and Social Justice
- ES/ HIST 142 - History of California
- ES/ JCL 130 - Environmental Justice
- ES/ POL 101 - State and Urban Politics
- ES/ POL 106 - Politics of Labor
- ES/ POL 115 - Theories of Justice
- ES/ POL 125 - Human Rights
- ES/ POL 126 - Food Politics
- ES/ POL 127 - Field Work for POL 126: Food Politics
- ES/ SOC 112 - Race and Ethnicity
- ES/ SOC 115 - Wealth and Poverty
- ES/ SOC 120 - Social Movements
- ES/ SOC 122 - Education and Society
- ES/ TRS 117 - Wealth and Poverty in the Bible

Global and Regional Studies

The Global and Regional Studies (GRS) major is designed for students preparing for an increasingly global environment through the multidisciplinary study of global processes or a major world region. The course of study integrates several academic disciplines, language proficiency, cultural literacy, independent research, and residential experience abroad.

The GRS major is geared toward students who want to focus their major on international studies writ large instead of a single academic discipline. This interdisciplinary approach best facilitates the student's gain in cultural literacy, language acquisition, and the ability to understand and analyze critically global and regional connections, processes, and development outcomes from multiple academic perspectives. The GRS major allows students to focus on a major region of the world (eg, Europe, Latin America, East Asia, etc), or broader themes and issues that cut across world regions. Students may also opt for a concentration in global justice.

Faculty Advisory Board

Jennifer D. Heung, PhD, *Professor of Anthropology*

Ronald Ahnen, PhD, *Professor of Politics*

Manisha Anantharaman, PhD, *Assistant Professor of Justice Community & Leadership*

Zeynep Atalay, PhD, *Associate Professor of Sociology*

Helga Lénárt-Cheng, PhD, *Associate Professor of World Languages and Cultures (French and German)*

María Luisa Ruiz, PhD, *Associate Professor of World Languages and Cultures (Spanish), Director, Institute for Latino and Latin American Studies*

Aeleah Soine, PhD, *Associate Professor of History*

E. Elena Songster, PhD, *Associate Professor of History*

Learning Outcomes

Graduates of the Global and Regional Studies Program will demonstrate:

APPRECIATION of their place as a citizen in global society.

UNDERSTANDING of the political, economic and cultural interconnectedness that constitutes our world today.

ABILITY TO COMMUNICATE at a basic functional level of proficiency in a language other than English specific to their geographical region of study.

ABILITY TO ANALYZE specific social aspects of a geographical region employing in a competent and creative way the appropriate conceptual and theoretical tools of the following disciplines: anthropology, economics, history, literature and art, and politics.

ABILITY TO INVESTIGATE the increasing interdependent nature and complexity of cultural, economic, environmental, political, and social processes that constitute the global experience, and to examine those processes from a global justice perspective.

Career Opportunities

Graduates will be in a position to work for the ever- growing number of international agencies, organizations and businesses. Increasingly, language proficiency and overseas experience are requirements for jobs. Employers seek persons experienced and qualified to function in another language and culture.

Other students go on to graduate school in international business, international studies, or in their minor field. Most major universities have graduate international or area studies programs that offer a natural next step for students interested in further developing their expertise.

Beyond career advancement, many students will find that the immersion in another culture expands their understanding of the human experience and permanently enriches their lives.

Major Requirements

Track Selection

Students first select between one of two tracks in the major: **Global Studies** or **Regional Studies**. Students in the Global Studies track may opt for a concentration in global justice studies. Students in the Regional studies track must select a specific region of the world in which they have a particular interest and wish to focus their studies. Four choices are available: East Asia, Europe, Latin America, or student defined (eg, North Africa, Middle East, etc). Student-defined regions must receive approval from the Director of Global and Regional Studies. Regional Studies track students must complete the

requirements of a minor area of study chosen from Anthropology, Economics, History, World Languages and Cultures, or Politics.

Optional Global Justice Concentration

Global Studies track students may opt for a concentration in global justice studies. The concentration requirements are:

1. complete POL 115 - Theories of Justice
2. complete an internship with a local organization or business while focusing on a global justice issue (may be completed in conjunction with an independent study course that counts as a Group B course).
3. write the senior thesis on a global justice topic (approved by the instructor).

Language

Students in both tracks must complete the equivalent of level four (4) semesters in a foreign language (appropriate to the region if selected). Language study should correspond with the country where students wish to spend their study abroad. The interdisciplinary and language courses taken by students will prepare them for critically engaged learning experiences.

Study Abroad

Study abroad is a vital component of the GRS major and provides students with an important experience that allows them to understand more directly the cultural complexities and lived experiences of their region of study. Regional studies track majors are strongly encouraged to spend a minimum of one semester studying abroad in their selected region during their junior year in a country that corresponds with their foreign language study. Global studies track students are also strongly encouraged to study abroad for a semester in any region of their interest, or may opt for a semester long internship with an international focus.

Minimum GPA

Students must be mindful of meeting the minimum GPA requirement of the study abroad program of their choice, which range from 2.8 to 3.5.

Global and Regional Studies, Global Studies Track, BA

Major Requirements

Lower Division

Students must complete the following five lower-division courses:

GRS 001 - Introduction to Global and Regional Studies
ANTH 001 - Introduction to Social and Cultural Anthropology
ECON 004 - Principles of Macroeconomics

HIST 001 - World History to 1500

OR

HIST 002 - World History since 1500 AND

Global Studies track:

POL 004 - Introduction to International Politics

Regional Studies track:

POL 001 - Introduction to Comparative Politics

Upper Division

Students must complete the following three upper-division courses:

GRS 100 - Cultural Geography and Global Societies
GRS 130 - Interdisciplinary Issues in Global Studies
GRS 196 - Capstone Experience

Additional upper-division courses

Students in the Global Studies track complete six additional upper-division courses - two in each of three groups: Group A (Intellectual Traditions), Group B (Issues and Topics), and Group C (Regional Studies), as follows:

Group A

ANTH 134 - Issues in Globalization
ECON 102 - Development of Economic Thought
ECON 160 - Comparative Economics Systems
ECON 190 - International Economics
ECON 192 - Economic Development
HIST 104 - Historical Interpretation
POL 115 - Theories of Justice
POL 120 - International Relations
POL 121 - Governing the Global Economy

Group B

ANTH 111 - Kinship, Marriage and Family
ANTH 112 - Global Perspectives on Race
ANTH 114 - Urban Anthropology
ANTH 117 - Anthropology of Religion
ANTH 118 - Culture, Health, and Healing
ANTH 128 - Food and Culture
HIST 127 - The Victorian Empire
HIST 137 - United States History in Comparative and Transnational Perspective
HIST 154 - Latin America, the United States, and the Drug Trade
POL 122 - Topics in International Politics
POL 125 - Human Rights
POL 126 - Food Politics
POL 128 - Dynamics of Terrorism
POL 129 - Politics of Developing Countries
SPAN 160 - Culture and Civilization of Spain
SPAN 161 - Culture and Civilization of Latin America
SPAN 162 - Culture and Civilization of Mexico

Group C

ANTH 119 - Cultures of the Americas
ANTH 121 - World Cultures
FREN 123 - French Literature: Nineteenth and Twentieth Centuries
FREN 129 - French Literature Outside Europe

HIST 120 - Topics in Modern European History
HIST 123 - 20th-Century Europe
HIST 124 - Transnational Origins of the Welfare State
HIST 125 - Women in European History, 1500-Present
HIST 126 - Nations, Nationalism, and Citizenship
HIST 127 - The Victorian Empire

HIST 128 - German History
HIST 150 - Topics in Latin American History
HIST 151 - Women in Latin American History
HIST 152 - Revolution in Latin America
HIST 153 - The African Diaspora in Latin America
HIST 154 - Latin America, the United States, and the Drug Trade
HIST 155 - Latin American Environmental History
HIST 160 - Topics in Asian History
HIST 161 - Modern Japan
HIST 162 - Modern China
HIST 163 - Ethnic Identity and Conflict in China
HIST 170 - Topics in African History
HIST 172 - African History Since 1850
MODL 185 - Culture and Civilization of France
MODL 186 - Culture and Civilization of Italy
MODL 187 - Culture and Civilization of Spain
MODL 188 - Culture and Civilization of Latin America
MODL 189 - Culture and Civilization of Mexico

POL 143 - Middle East Politics
POL 144 - Asian Politics
POL 145 - Latin American Politics
POL 146 - West European Politics
POL 147 - Russian Politics from Lenin to Putin
POL 148 - East European Politics

SPAN 141 - Latin American Literature II
SPAN 143 - Contemporary Latin American Literature
SPAN 145 - Twentieth-Century Mexican Literature

Note:

Any course listed for this major that requires a prerequisite assumes a grade of C- or better in the prerequisite course. In addition, C is the minimum acceptable grade in GRS 100 and GRS 196 for credit toward the major.

Global and Regional Studies, Global Studies Track, Global Justice Concentration, BA

Major Requirements

Lower Division

Students must complete the following five lower-division courses:

GRS 001 - Introduction to Global and Regional Studies
ANTH 001 - Introduction to Social and Cultural Anthropology
ECON 004 - Principles of Macroeconomics

HIST 001 - World History to 1500

OR

HIST 002 - World History since 1500 AND

Global Studies track:

POL 004 - Introduction to International Politics

Regional Studies track:

POL 001 - Introduction to Comparative Politics

Upper Division

Students must complete the following three upper-division courses:

GRS 100 - Cultural Geography and Global Societies
GRS 130 - Interdisciplinary Issues in Global Studies
GRS 196 - Capstone Experience

Additional upper-division courses

Students in the Global Studies track complete six additional upper-division courses - two in each of three groups: Group A (Intellectual Traditions), Group B (Issues and Topics), and Group C (Regional Studies), as follows:

Group A

ANTH 134 - Issues in Globalization

ECON 102 - Development of Economic Thought
ECON 160 - Comparative Economics Systems
ECON 190 - International Economics
ECON 192 - Economic Development

HIST 104 - Historical Interpretation

POL 115 - Theories of Justice
POL 120 - International Relations
POL 121 - Governing the Global Economy

Group B

ANTH 111 - Kinship, Marriage and Family
ANTH 112 - Global Perspectives on Race
ANTH 114 - Urban Anthropology
ANTH 117 - Anthropology of Religion
ANTH 118 - Culture, Health, and Healing
ANTH 128 - Food and Culture

HIST 127 - The Victorian Empire
HIST 137 - United States History in Comparative and Transnational Perspective
HIST 154 - Latin America, the United States, and the Drug Trade

POL 122 - Topics in International Politics
POL 125 - Human Rights
POL 126 - Food Politics
POL 128 - Dynamics of Terrorism
POL 129 - Politics of Developing Countries

SPAN 160 - Culture and Civilization of Spain
SPAN 161 - Culture and Civilization of Latin America
SPAN 162 - Culture and Civilization of Mexico

Group C

ANTH 119 - Cultures of the Americas
ANTH 121 - World Cultures

FREN 123 - French Literature: Nineteenth and Twentieth Centuries

FREN 129 - French Literature Outside Europe

HIST 120 - Topics in Modern European History

HIST 123 - 20th-Century Europe

HIST 124 - Transnational Origins of the Welfare State

HIST 125 - Women in European History, 1500-Present

HIST 126 - Nations, Nationalism, and Citizenship

HIST 127 - The Victorian Empire

HIST 128 - German History

HIST 150 - Topics in Latin American History

HIST 151 - Women in Latin American History

HIST 152 - Revolution in Latin America

HIST 153 - The African Diaspora in Latin America

HIST 154 - Latin America, the United States, and the Drug Trade

HIST 155 - Latin American Environmental History

HIST 160 - Topics in Asian History

HIST 161 - Modern Japan

HIST 162 - Modern China

HIST 163 - Ethnic Identity and Conflict in China

HIST 170 - Topics in African History

HIST 172 - African History Since 1850

MODL 185 - Culture and Civilization of France

MODL 186 - Culture and Civilization of Italy

MODL 187 - Culture and Civilization of Spain

MODL 188 - Culture and Civilization of Latin America

MODL 189 - Culture and Civilization of Mexico

POL 145 - Latin American Politics

POL 146 - West European Politics

POL 147 - Russian Politics from Lenin to Putin

POL 148 - East European Politics

POL 143 - Middle East Politics

POL 144 - Asian Politics

SPAN 141 - Latin American Literature II

SPAN 143 - Contemporary Latin American Literature

SPAN 145 - Twentieth-Century Mexican Literature

Concentration Requirements

Global Studies track students may opt for a concentration in global justice studies. The concentration requirements are:

1. complete POL 115 - Theories of Justice
2. complete an internship with a local organization or business while focusing on a global justice issue (may be completed in conjunction with an independent study course that counts as a Group B course).
3. write the senior thesis on a global justice topic (approved by the instructor).

Note:

Any course listed for this major that requires a prerequisite assumes a grade of C- or better in the prerequisite course. In addition, C is the minimum acceptable grade in GRS 100 and GRS 196 for credit toward the major.

Global and Regional Studies, Regional Studies Track, East Asia Concentration, BA

Major Requirements

Lower Division

Students must complete the following five lower-division courses:

GRS 001 - Introduction to Global and Regional Studies
ANTH 001 - Introduction to Social and Cultural Anthropology
ECON 004 - Principles of Macroeconomics

HIST 001 - World History to 1500

OR

HIST 002 - World History since 1500 AND

Global Studies track:

POL 004 - Introduction to International Politics

Regional Studies track:

POL 001 - Introduction to Comparative Politics

Upper Division

Students must complete the following three upper-division courses:

GRS 100 - Cultural Geography and Global Societies
GRS 130 - Interdisciplinary Issues in Global Studies
GRS 196 - Capstone Experience

Additional upper-division courses

Students in the Regional Studies track complete four additional upper division courses. One each from the following four disciplines according to regional concentration:

Anthropology

ANTH 121 - World Cultures China

History

HIST 160 - Topics in Asian History
HIST 161 - Modern Japan
HIST 162 - Modern China
HIST 163 - Ethnic Identity and Conflict in China

Literature and Art

check with Director for appropriate courses

Politics

POL 144 - Asian Politics

Notes:

Regional studies track students must take the ANTH 121 that corresponds to the content of their region.

Any course listed for this major that requires a prerequisite assumes a grade of C- or better in the prerequisite course. In addition, C is the minimum acceptable grade in GRS 100 and GRS 196 for credit toward the major.

Regional Studies track students must complete the requirements of a minor area of study chosen from Anthropology, Economics, History, World Languages and Cultures, or Politics.

Global and Regional Studies, Regional Studies Track, Europe Concentration, BA

Major Requirements

Lower Division

Students must complete the following five lower-division courses:

GRS 001 - Introduction to Global and Regional Studies
ANTH 001 - Introduction to Social and Cultural Anthropology
ECON 004 - Principles of Macroeconomics

HIST 001 - World History to 1500

OR

HIST 002 - World History since 1500 AND

Global Studies track:

POL 004 - Introduction to International Politics

Regional Studies track:

POL 001 - Introduction to Comparative Politics

Upper Division

Students must complete the following three upper-division courses:

GRS 100 - Cultural Geography and Global Societies
GRS 130 - Interdisciplinary Issues in Global Studies
GRS 196 - Capstone Experience

Additional upper-division courses

Students in the Regional Studies track complete four additional upper division courses. One each from the following four disciplines according to regional concentration:

Anthropology

ANTH 121 - World Cultures Europe

History

HIST 120 - Topics in Modern European History
HIST 123 - 20th-Century Europe
HIST 124 - Transnational Origins of the Welfare State
HIST 125 - Women in European History, 1500-Present

HIST 126 - Nations, Nationalism, and Citizenship
HIST 127 - The Victorian Empire
HIST 128 - German History

Literature and Art

ENGL 103 - British Literature I
ENGL 104 - British Literature II
ENGL 144 - Studies in 19th-Century Literature
ENGL 160 - Development of English Fiction I
ENGL 161 - The English Novel
FREN 121 - French Literature: Middle Ages to the Renaissance
FREN 122 - French Literature: Seventeenth and Eighteenth Centuries
FREN 123 - French Literature: Nineteenth and Twentieth Centuries
FREN 130 - Thematic and Stylistic Study of a Single French Author or Genre
FREN 150 - Culture and Civilization of France
SPAN 120 - Spanish Literature: Middle Ages to Eighteenth Century
SPAN 121 - Spanish Literature: Eighteenth Century to the Mid-Twentieth Century
SPAN 122 - Literature of the Golden Age
SPAN 127 - Contemporary Peninsular Literature

SPAN 160 - Culture and Civilization of Spain

OR

MODL 187 - Culture and Civilization of Spain

MODL 186 - Culture and Civilization of Italy

Politics

POL 146 - West European Politics

Notes:

Regional studies track students must take the ANTH 121 that corresponds to the content of their region.

Any course listed for this major that requires a prerequisite assumes a grade of C- or better in the prerequisite course. In addition, C is the minimum acceptable grade in GRS 100 and GRS 196 for credit toward the major.

Regional Studies track students must complete the requirements of a minor area of study chosen from Anthropology, Economics, History, World Languages and Cultures, or Politics.

Global and Regional Studies, Regional Studies Track, Latin America Concentration, BA

Major Requirements

Lower Division

Students must complete the following five lower-division courses:

GRS 001 - Introduction to Global and Regional Studies
ANTH 001 - Introduction to Social and Cultural Anthropology
ECON 004 - Principles of Macroeconomics

HIST 001 - World History to 1500

OR

HIST 002 - World History since 1500 AND

Global Studies track:

POL 004 - Introduction to International Politics

Regional Studies track:

POL 001 - Introduction to Comparative Politics

Upper Division

Students must complete the following three upper-division courses:

GRS 100 - Cultural Geography and Global Societies

GRS 130 - Interdisciplinary Issues in Global Studies

GRS 196 - Capstone Experience

Additional upper-division courses

Students in the Regional Studies track complete four additional upper division courses. One each from the following four disciplines according to regional concentration:

Anthropology

ANTH 121 - World Cultures Central America or Latin America

History

HIST 150 - Topics in Latin American History

HIST 151 - Women in Latin American History

HIST 152 - Revolution in Latin America

HIST 153 - The African Diaspora in Latin America

HIST 154 - Latin America, the United States, and the Drug Trade

HIST 155 - Latin American Environmental History

Literature and Art

SPAN 140 - Latin American Literature I

SPAN 141 - Latin American Literature II

SPAN 143 - Contemporary Latin American Literature

SPAN 145 - Twentieth-Century Mexican Literature

MODL 188 - Culture and Civilization of Latin America

MODL 189 - Culture and Civilization of Mexico

Politics

POL 145 - Latin American Politics

Notes:

Regional studies track students must take the ANTH 121 that corresponds to the content of their region.

Any course listed for this major that requires a prerequisite assumes a grade of C- or better in the prerequisite course. In addition, C is the minimum acceptable grade in GRS 100 and GRS 196 for credit toward the major.

Regional Studies track students must complete the requirements of a minor area of study chosen from Anthropology, Economics, History, World Languages and Cultures, or Politics.

History

As a disciplined study of the past, History focuses on change and continuity over time. Our department challenges students to read, think, and write about questions societies face in every generation-the tension between freedom and authority, reason and faith, individual agency and powerful structures. The ultimate goal: to become imaginative and resourceful human beings engaged with the world.

Our faculty cultivates understanding, not memorization. The history student becomes immersed in the study of the past and develops the skill and ability to read critically and write elegantly. The faculty welcomes budding historians who love history, as well as students from other disciplines seeking a broad view of the world, and students who might simply be curious about a specific time, country, or topic.

Our curriculum is organized in clusters of courses that allow for global or regional comparisons. Among these are: the history of women (Europe, Latin America, the United States); environmental history (Latin America, Asia, the United States); and revolutionary movements (China, the United States, Europe, and Latin America).

As an active collaborator in the larger College community, the department regularly offers classes in the following interdisciplinary majors and minors: Women's and Gender Studies, Ethnic Studies, Environmental Studies, and Global and Regional Studies.

Faculty

Elena Songster, PhD, Professor, Department Chair

Carl J. Guarneri, PhD, Professor

Brother Charles Hilken, FSC, PhD, Professor

Myrna Santiago, PhD, Professor

Aeleah Soine, PhD, Associate Professor

Gretchen Lemke-Santangelo, PhD, Professor

Ronald Isetti, PhD, Professor Emeritus

Katherine S. Roper, PhD, Professor Emerita

Learning Outcomes

History majors develop a unique set of skills designed for research and analytical thinking in a diverse and increasingly globalized world. Upon completion of the History program, students will be able to:

- **THINK** historically, read critically, write coherently, speak persuasively, and communicate effectively.
- **SITUATE** major historical events within their proper chronological, geographical, thematic, and comparative context.
- **CONNECT** and integrate historical knowledge, grasp the ethical and moral dimensions of history, and appreciate the complex, multi-causal origins of past events.
- **IDENTIFY** and **INTERPRET** a wide variety of historical sources, both primary and secondary.
- **EXPLAIN** the value and application of historiography and various historical methods, approaches and theories.
- **EVALUATE** and critically assess the validity of historical evidence and interpretations.
- **USE** and **APPLY** primary and secondary sources to construct sophisticated, persuasive, and logical interpretations of historical problems and events.

Prerequisite Grade

All prerequisites must be passed with a grade of C- or better.

History, BA

Lower Division

HIST 001 - World History to 1500 AND

HIST 002 - World History since 1500

OR

HIST 004 - Western Society and Cultures to 1500 AND

HIST 005 - Western Society and Cultures since 1500

HIST 017 - History of the United States to the Civil War

HIST 018 - History of the United States since Reconstruction

Note

HIST 001, HIST 002 is the World History sequence; HIST 004, HIST 005 is the Western Civilization sequence. Students may combine HIST 001 and HIST 005 or HIST 002 and HIST 004, but may not combine HIST 001 and HIST 004 or HIST 002 and HIST 005.

Upper Division

Students majoring in history must complete nine upper-division history courses, including:

HIST 101 - Historical Methods and Practices

HIST 106 - Seminar in Historical Research

HIST 104 - Historical Interpretation

OR

HIST 105 - Modern Approaches to History

- One Upper-Division HIST elective

Areas of concentration

Two upper-division courses in two of the following areas of concentration; and one in a third area of concentration. At least one area of concentration must be in Asian, African, World or Latin American history.

United States:

HIST 130 - Topics in American History (when applicable)

HIST 131 - Colonial History of the United States

HIST 132 - The American Revolution and the Early Republic

HIST 133 - Era of the Civil War and Reconstruction

HIST 134 - Recent History of the United States

HIST 135 - America in the World: The History of U.S. Foreign Relations

HIST 136 - Immigration and Ethnic Relations in American History

HIST 137 - United States History in Comparative and Transnational Perspective

HIST 138 - The Development of Modern American Culture

HIST 139 - History of Women in America

HIST 140 - African-American History: 1619 to 1865

HIST 141 - African-American History: 1865 to the Present

HIST 142 - History of California

Latin America:

HIST 150 - Topics in Latin American History (when applicable)

HIST 151 - Women in Latin American History

HIST 152 - Revolution in Latin America

HIST 153 - The African Diaspora in Latin America
HIST 154 - Latin America, the United States, and the Drug Trade
HIST 155 - Latin American Environmental History

Medieval Europe:

HIST 110 - Topics in Ancient and Medieval European History (when applicable)
HIST 111 - The Birth of Europe
HIST 112 - Europe in the High and Later Middle Ages
HIST 113 - The Age of the Renaissance
HIST 114 - Warfare in Medieval Europe

Modern Europe:

HIST 120 - Topics in Modern European History (when applicable)
HIST 121 - Revolt and Revolution in Early Modern Europe
HIST 122 - 19th Century Europe
HIST 123 - 20th-Century Europe
HIST 124 - Transnational Origins of the Welfare State
HIST 125 - Women in European History, 1500-Present
HIST 126 - Nations, Nationalism, and Citizenship
HIST 127 - The Victorian Empire
HIST 128 - German History

Africa:

HIST 170 - Topics in African History (when applicable)
HIST 171 - African History to 1850
HIST 172 - African History Since 1850

Asia:

HIST 160 - Topics in Asian History (when applicable)
HIST 161 - Modern Japan
HIST 162 - Modern China
HIST 163 - Ethnic Identity and Conflict in China

World:

HIST 100 - Topics in World History (when offered)

Note

Students intending to work toward advanced degrees should consult with their advisor about foreign language preparation.

History Minor

Minor Requirements

To earn a minor in history, a student must complete a total of six courses.

- Any **TWO** lower-division history courses

AND

HIST 101 - Historical Methods and Practices

PLUS Any **ONE** of the following:

HIST 104 - Historical Interpretation

HIST 105 - Modern Approaches to History

HIST 106 - Seminar in Historical Research

AND

- **TWO** additional upper-division courses, each in a different geographical area of concentration.

Integral

The Integral Program of liberal arts is founded on the wager that it is still possible to appreciate and to evaluate all the main kinds of human thinking. It is thought that students in the Program can learn enough of the technical languages of the natural sciences, mathematics, literary criticism, social sciences, philosophy and theology to follow arguments in those disciplines. The Integral Program is not an honors curriculum but is intended rather for anyone drawn to a comprehensive view of education, an education devoted equally to the arts of language, to the arts of pure and applied mathematics (including music), to observation and measurement, to judgment and reasoned appreciation.

The program is divided into the seminar and the tutorials: language, mathematics, laboratory and music. During the fourth year, seniors are asked to marshal their experiences from seminar and tutorials to write a major essay and then defend it before the tutors and the other students.

The program had its origin in a two-year study beginning in the fall of 1955 and financed with a grant from the Rosenberg Foundation. Brother Sixtus Robert Smith, FSC, and James L. Hagerty of the faculty joined with consultants from Saint John's College, Annapolis, the University of California Berkeley and Stanford University, to establish this "college-within-a-college." The first graduates were the class of 1960. From the beginning, a confident grasp of fundamental truths, a healthy skepticism toward passing dogma, and a reliance on reasoned deliberation has marked the graduates of the program.

Tutors

Joseph Zepeda, PhD, *History and Philosophy of Science, Director*

David Bird, PhD, *Hispanic Studies*

Steven Cortright, MA, *Philosophy*

Brother Kenneth Cardwell, FSC, PhD, *Rhetoric*

Theodora Carlile, PhD, *Emerita*

Alexis Doval, PhD, *Theology*

Elizabeth Hamm, PhD, *History and Philosophy of Science and Technology*

Felicia Martinez, PhD, *English*

Brother Raphael Patton, FSC, PhD, *Emeritus*

Gabriel Pihás, PhD, *Social Thought, on leave 2020-21*

Michael Riley, PhD, *Classical Languages*

Theodore Tsukahara, Jr. AFSC, PhD, *Economics*

Brother Martin Yribarren, FSC, PhD, *Music*

Learning Outcomes

Students who complete the program will demonstrate:

THE CAPACITY for disciplined examination and discussion of fundamental ideas and questions, as treated or suggested by some of the great written texts; and

AWARENESS of variations in the kinds and degrees of knowledge attainable in different fields of inquiry, acquired through active use of the resources employed in those fields, e.g., experience, reflection, hypothesis, experiment, measurement and inference; and

ABILITY for close reading and listening, for precise verbal formulations of questions, distinctions, concepts, arguments, and judgments, and facility at addressing and responding to classmates' like contributions; and

WELL-DEVELOPED COMPETENCE in written formulation of questions, distinctions, concepts, arguments, and judgments.

Requirements

An alternative, comprehensive curriculum, the program offers a bachelor's degree proper to it. The degree is granted for the successful completion of the eight seminars, the eight tutorials in mathematics, the eight in language, the four laboratories, a tutorial in music and the senior essay totaling 29.25 course credits. Note that the College further requires the successful completion of four January course credits, and of electives sufficient to complete Core Curriculum learning outcomes in Community Engagement, American Diversity, and Social Cultural and Historical Understanding (1 course credit), and to raise the total to 36 course credits.

Students who start in the Integral Program and move to another major are deemed to have completed the following Core Curriculum requirements:

After one semester: Mathematical Understanding, Scientific Understanding (including laboratory), SEM 001 - Critical Strategies and Great Questions

After two semesters: the above, plus ENGL 004 - Composition, SEM 002 - Western Tradition I

After three semesters: the above, plus Theological Understanding (Christian Foundations), Artistic Understanding (both Artistic Analysis and Creative Practice), the language requirement, and SEM 103 - Western Tradition II

After four semesters: the above, plus Theological Understanding (Theological Explorations) and SEM 104 - The Global Conversation of the 20th and 21st centuries

Prerequisites

Each course in the program beyond the first semester depends in an obvious way entirely on the courses taken earlier, making it impossible to join the Program later than the first year. In extraordinary cases, a remedial course in January may allow a first-year entrance in February.

Any course in this program with a prerequisite assumes a grade of C- or better in the prerequisite course.

Integral Program, BA

Seminars

INTEG 011 & 012 - First-year Seminar
INTEG 113 & 114 - Sophomore Seminar
INTEG 115 & 116 - Junior Seminar
INTEG 117 & 118 - Senior Seminar
INTEG 196 - Senior Essay

Tutorials

INTEG 031 & 032 - First-year Mathematics
INTEG 133 & 134 - Sophomore Mathematics
INTEG 135 & 136 - Junior Mathematics
INTEG 137 & 138 - Senior Mathematics

INTEG 051 & 052 - First-year Language
INTEG 053 & 054 - Sophomore Language
INTEG 155 & 156 - Junior Language
INTEG 157 & 158 - Senior Language

INTEG 071 & 072 - First-year Laboratory
INTEG 178 - Junior Laboratory: Physics & Chemistry
INTEG 179 - Junior Laboratory: Evolution, Heredity & Genetics

INTEG 074 - Music I

INTEG 174 - Music II (Optional course)

INTEG 180 - Preceptorial (Optional course)

Interfaith Leadership

Interfaith Leadership

Today where cross-cultural and cross-religious contacts are nearly ubiquitous, professionals in various sectors (e.g., health-care, law, business, education, NGOs, government service and public policy) are beginning to recognize the need to address the religious/spiritual dimensions of their work not only to serve more compassionately and effectively, but also to contribute to the evolution of a more inclusive and just society. The Interfaith Leadership Minor program provides students with a set of competencies and perspectives to begin to understand what is at stake in our religiously diverse world and how to make a difference in it in their own lives and in whatever careers they pursue. Those who develop the capacities of interfaith leadership understand that religion can be a source of conflict or an invitation to cooperation, and they know how to lead others toward the latter. Hence, an "Interfaith Leader" is a person with the knowledge, capacity for self-reflection and empathy, values and skills to lead inclusively and effectively in any religiously and spiritually diverse environment.

Faculty

Barbara A. McGraw, JD, PhD, *Professor of Social Ethics, Law, and Public Life and Director of the Interfaith Leadership Program*

Interfaith Leadership Advisory Board

Julie Ford, D.M.A., *Performing Arts*

Emily Hause, PhD, *Psychology*

Makiko Imamura, PhD, *Communication*

Yuan Li, PhD, *Organizations and Responsible Business*

Julie Park, PhD, *Integral and Collegiate Seminar*

Aaron Sachowitz, PhD, *Communication*

Grete Stenersen, MA, *Leadership Studies and Collegiate Seminar*

Marguerite Welch, PhD, *MA in Leadership*

Paul Zarnoth, PhD, *Psychology*

Learning Outcomes

Students who complete the program will be able to:

IDENTITY/BIAS: Reflect on students' own and others' identity formation and perspectives; articulate how religious and other identities and worldviews affect perceptions of issues that arise in various environments and situations; and articulate how such perceptions can result in bias.

COMMUNICATION/DIALOGUE: Demonstrate effective communication and dialogue facilitation skills that can be used to address interreligious conflict and promote interfaith cooperation, engagement, and understanding.

RELIGIOUS LITERACY: Demonstrate an understanding of what it means to be religiously literate; articulate ways that religions differ in thought, practice, and organization; and articulate the meaning of "pluralism" in this context.

LEADERSHIP: Identify interfaith challenges and opportunities; propose inclusive methods for addressing them; and articulate how to lead implementation of those inclusive methods.

APPLICATION: Demonstrate interfaith leadership (as defined above) in a collaborative community-based project.

Interfaith Leadership Minor

To graduate with an Interfaith Leadership Minor, students must complete courses in the following Program Core, which consists of four full credit courses and one quarter-credit project course. Students must also complete Two Electives, one from each of two elective categories.

Other Courses in the Program

Course descriptions for other courses in the Interfaith Leadership Minor can be found under their respective department/program in this catalog, e.g., in Business Administration, Anthropology, Ethnic Studies, Psychology, Communication, Politics, History, Kinesiology, Global and Regional Studies, Theology and Religious Studies, and Justice, Community and Leadership.

Interfaith Leadership Minor

Program Core

Four full-credit courses + One quarter-credit project course

Required Course:

BUSAD 108 - Interfaith Leadership in Business and the Professions

Choice of One:

ANTH 001 - Introduction to Social and Cultural Anthropology
ES 001 - Introduction to Ethnic Studies

Choice of One:

COMM 106 - Intercultural Communication
◦ ES 155 - Advanced Intergroup Dialogue

Choice of One:

JCL 150 - Advanced Leadership Theory
BUSAD 131 - Managing and Leading in Organizations
PSYCH 172 - Groups, Organizations and Societies

Required Quarter Credit Project Course (.25):

IFL 120 - Interfaith Leadership Praxis

Two Electives, One from Each of Two Categories:

Interfaith in Context Elective - One Course

Choose One Course from the following:

KINES 118 - Community Health
PSYCH 150 - Personality Psychology **
PSYCH 131 - Transpersonal Psychology
GRS 001 - Introduction to Global and Regional Studies
HIST 162 - Modern China
HIST 163 - Ethnic Identity and Conflict in China
POL 115 - Theories of Justice
POL 143 - Middle East Politics

Enhanced Learning Outcome Elective - One Course

Choose One Course from the following:

ANTH 001 - Introduction to Social and Cultural Anthropology *
ES 001 - Introduction to Ethnic Studies *
JCL 150 - Advanced Leadership Theory *
BUSAD 131 - Managing and Leading in Organizations *
PSYCH 172 - Groups, Organizations and Societies *
COMM 106 - Intercultural Communication *

◦ ES 155 *

ANTH 117 - Anthropology of Religion
PSYCH 163 - Prejudice and Stereotyping
TRS 151 - Judaism †
TRS 152 - Islam: Beliefs and Practices †
TRS 153 - Eastern Religions †
TRS 154 - Hinduism †
TRS 155 - Buddhism †

Program Notes:

Note on "Double-Dipping": Students may count up to two courses from their major and one course from another minor toward the Interfaith Leadership Minor. (Exception: the Anthropology Department currently does not allow its majors and minors to double-dip with other programs.)

Note on courses not listed above: Other courses may be allowed as electives on the approval of the Interfaith Leadership Minor director.

Note on Prerequisites for Courses from Other Departments/Programs: Some courses in the Interfaith Leadership Minor may require permission of the instructor, if students do not have the prerequisites for the course. For example, JCL 150 will require permission of the instructor, and entry in that course will depend on how far along students are in this minor. Also, only students who have taken PSYCH 001 and ES 001, may enroll in PSYCH 163 - Prejudice and Stereotyping. Students should prepare accordingly.

Note for Interfaith in Context Elective:

** PSYCH 150 only counts as an elective for this minor with Interfaith Leadership Program Director approval.

Notes for Enhanced Learning Outcome Elective:

* The asterisked courses will count for this elective only if they were not already taken as a part of the Interfaith Leadership Minor Program Core.

† Theology and Religious Studies (TRS) courses for the Interfaith Leadership Minor will not double-dip with the Theological Understanding Core Curriculum Requirement. To count as an Enhanced Learning Outcome Elective, these courses must be taken in addition to the two courses required for the Theological Understanding requirement. Note also that other TRS courses may count for this elective upon approval of the Interfaith Leadership Program Director, who will confirm their inclusion in this program with the TRS Department Chair.

January Term

The faculty of January Term (Jan Term) is drawn from all departments of the college and the broader academic community.

January Term provides both students and faculty a unique opportunity to explore courses and experiences that depart from the constraints of the regular semester; both students and faculty are freed from their disciplinary constraints to create new and innovative academic experiences.

January Term offers both on-campus courses and off-campus travel courses throughout the United States and to many parts of the globe (some scholarships are available to defray travel costs for eligible students).

Providing the same academic rigor and credit as the fall and spring terms, many January Term courses also emphasize experiential learning through service, community-based research and on-site learning relevant to the region.

January Term is a unique Saint Mary's program that showcases intensive courses of study: since students enroll in only one course per January Term, faculty members expect more and tend to increase the pace of instruction, as well as requiring broader reading, more reflection and careful writing, more thorough class preparation and greater individual initiative.

Four January Term courses are required of most students; transfer students are required to take one January Term course for each year of full-time academic residency.

Sample Jan Term courses (actual course offerings vary each year):

Justice, Community, and Leadership

The mission of Justice, Community and Leadership is to prepare students through a social justice framework to be leaders who address critical challenges of our times.

Justice, Community and Leadership is an interdisciplinary program in which students learn how to analyze and engage with some of the most pressing social, educational and environmental justice issues of our times. Through training in critical theory, leadership studies, policy and education, and emphasis on humility and self-reflection, we prepare our students to participate in and lead collective endeavors to make the world a better place.

Many of our courses include working with community members and organizations to learn from their expertise on both the impact of and ideas for addressing structural inequity. Together with these community experts, we grapple with the complexity of policies, laws, and cultural practices that disadvantage some groups of people, while benefiting others and consider how we can be a part of leading for social change. Students in our program go on to work in diverse fields-such as education, the non-profit sector, law, social entrepreneurship, government, and public health-yet they share a common aim to make the world more socially just.

Faculty and Advisory Board

Monica Fitzgerald, Professor, Director

Manisha Anantharaman, PhD, Assistant Professor

Shawny Anderson, PhD, Associate Dean, Liberal Arts

Alicia Rusoja, PhD, Assistant Professor

Tamara Spencer, EdD, Associate Professor, KSOE

Michael Viola, PhD, Assistant Professor

Learning Outcomes for the Justice, Community and Leadership Major

Students who complete this program will be able to:

1. **KNOWLEDGE** Demonstrate an understanding of engaged pedagogy, critical theory, and social systems as related to justice and leadership studies and be able to apply theoretical explanations to empirical examples.
2. **RESEARCH** Use data analysis and interpretation, appropriate library and information literacy skills, and field research to articulate and interpret the complexities of significant social issues.
3. **APPLICATION** By using leadership studies and critical theory, assess a complex social or community issue and develop multiple viable strategies that contribute to a more just social order.
4. **COMMUNICATION** Effectively use oral, written, and new media formats to educate, advocate, and collaborate with multiple audiences.
5. **REFLECTION** Demonstrate, through written and oral self-assessment and reflection, an understanding of the impact of their own academic learning experience and how it prepares them for a life of active citizenship

JCL General Major and Concentrations

The Justice, Community and Leadership program offers three concentrations:

JCL General Major (13.25-13.50 courses)

JCL: Education Specialist Teacher Education (18.75 courses)

Undergraduate Teacher Credential Pathway

These concentrations allow students to complete their BA and earn a teaching credential in 4 years.

JCL: Education Specialist

The Education Specialist (SPED) concentration prepares individuals with a passion for teaching students with mild-to-moderate disabilities in grades K-12. We provide a balance of theory and current practice to meet the individual needs of exceptional learners.

JCL: Multiple Subject Teacher Education

The Multiple Subject Teacher Education (MSTE) concentration is built upon a student-centered learning community that inspires excellence and innovation in K-8 education. Through the practice of shared inquiry, collaborative learning and community engagement, we empower our students to lead change according to the principles of social justice and common good.

4+1 Pathway

This 4+1 single subject pathway concentration allows students to complete a BA in 4 years and a Single Subject Preliminary Teaching Credential in one additional year.

Single Subject 4+1 Minor

Incoming first-year students and qualifying sophomores who are committed to becoming middle or high school teachers may declare this minor. This special program enables students to integrate education coursework and field experience in middle and high schools with their undergraduate course of study. With a major in the discipline they would like to teach (History, English, etc.), students will gain the critical framework and field experience necessary to be transformative educators. Students proceed through the SS4+1 minor in a cohort with TFT and other Single Subject 4+1 minors, taking many of their minor courses and all of their field experience with other cohort members.

Leadership Concentration

Leadership for Social Justice 4+1

The MA in Leadership for Social Justice is a concentration in the graduate Leadership Studies program, designed for students interested in practicing leadership for social change in fields such as non-profit, community organizing, law, or public service. The Justice, Community and Leadership program has developed a 4+1 pathway for students to complete their BA in four years and their MA in one additional year. By fulfilling the 4+1 pathway requirements, students can be admitted to the Leadership for Social Justice MA program and begin graduate course work in their senior year.. Students in this concentration fulfill additional requirements. Prospective students must apply separately to the MA in Leadership.

Major Requirements

All students, regardless of concentration, must complete the JCL common curriculum. Students complete additional course requirements determined by their area of concentration. Please note that JCL students meet many requirements of the SMC Core Curriculum within the major and their chosen concentration.

Additional Requirements by Concentration

Students complete all requirements of the JCL Common Curriculum and the additional requirements of their concentration

JCL Minor Requirements

This multidisciplinary minor, housed within the Justice, Community and Leadership Program, incorporates community engagement and issues of social justice into the experiences and curriculum of students interested in learning about the principles and practices of justice, community, and leadership. The minor must consist of at least five courses outside of the student's major(s).

Justice, Community and Leadership, General, BA

JCL Common Curriculum

All students, regardless of concentration, must complete the JCL common curriculum. Students complete additional course requirements determined by their area of concentration. Please note that JCL students meet many requirements of the SMC Core Curriculum within the major and their chosen concentration.

Common Curriculum - Lower Division

JCL 010 - Introduction to Justice, Community and Leadership
ECON 010 - Economics and Society

MSTE and SPED Concentrations will take one of the following in lieu of ECON 010:

- HIST 017 - History of the United States to the Civil War, OR
- HIST 018 - History of the United States since Reconstruction

Common Curriculum - Upper Division

JCL 120 - Theory and Inquiry in Justice, Community and Leadership
JCL 150 - Advanced Leadership Theory
JCL 190 - Senior Portfolio (.25)
JCL 196 - Senior Capstone I

Common Curriculum - Upper Division JCL Electives

Choose two from the following:

JCL 130 - Environmental Justice
JCL 140 - The Global Community
JCL 163 - Special Topics
JCL 195 - Internship

JCL General - Additional Requirements

JCL General students complete all requirements of the JCL Common Curriculum and the additional requirements of their concentration:

MATH 004 - Introduction to Probability and Statistics

OR

MATH 010 - The Art and Practice of Mathematics

- **JANUARY TERM CE**

(one Community Engagement-designated January Term course)

JCL Common Curriculum: Required Interdisciplinary Content

In addition to the above courses, JCL majors meet other program requirements from a specific menu of options:

Artistic Understanding

Two full-credit courses that meet the Artistic Analysis requirement and one (full or .25) that meets the Creative Practice requirement (please note that some courses meet both the analysis and creative practice requirements)

Artistic Understanding - Artistic Analysis and Creative Practice

ART 055 - Digital Art: Photo, Video and Sound
ART 065 - Web Design and Interactive Art
ART 070 - Printmaking
ATC 080 - Art Theory
COMM 002 - Introduction to Media and Cultural Studies
COMM 125 - Media, Technology and Culture
COMM 133 - Video Production
COMM 158 - Film
ENGL 025 - Creative Writing: Multi-Genre Studies
ENGL 102 - Creative Writing
PERFA 014 - World Music and Dance
PERFA 033 - Acting I: Principles of Performance
PERFA 050 - Theatre for Social Justice: Interactive Theatre

Artistic Understanding - Artistic Analysis only

AH 001 - Survey of World Art: Europe and the United States
AH 002 - Survey of World Arts: Africa, and the Americas
AH 144 - Issues in Non-Western Arts
ATC 180 - Seminar in Theory & Practice of Art
ENGL 023 - Voices of American Diversity
ENGL 105 - Children's Literature
ENGL 153 - American Ethnic Writers and Oral Traditions
ENGL 154 - Studies in African-American Literature
ENGL 163 - Anglophone Literatures
ENGL 173 - Women Writers
FREN 130 - Thematic and Stylistic Study of a Single French Author or Genre
MODL 186 - Culture and Civilization of Italy
MODL 126 - Film
PERFA 001 - Perceiving the Performing Arts
PERFA 010 - Introduction to Music: Rock to Bach:
PERFA 061 - World Theatre Experience
PERFA 113 - Jazz and Blues in America
PERFA 181 - Asian Dance in the Contemporary World
PERFA 184 - Dance in Performance
SPAN 011 - Introduction to Literature
SPAN 120 - Spanish Literature: Middle Ages to Eighteenth Century
SPAN 121 - Spanish Literature: Eighteenth Century to the Mid-Twentieth Century
SPAN 140 - Latin American Literature I
SPAN 141 - Latin American Literature II

Artistic Understanding - Creative Practice only

ART 001 - Studio Art
ART 102 - Advanced Painting
ART 155 - Experimental Film/Video

◦ ES 150
PERFA 012 - Beginning and Intermediate Piano

PERFA 019 - Performing Ensembles
PERFA 037 - Performance Lab
PERFA 070 - Commercial Dance Courses
PERFA 071 - Somatic Dance Courses
PERFA 075 - Modern/Contemporary Dance Courses
PERFA 076 - Ballet Technique Courses
PERFA 090 - Choreography I (.5) and Choreography I Lab (.5)
PERFA 132 - Play in Production
PERFA 142 - Theatre Production Practicum
PERFA 152 - Making Theatre: One Act Plays
PERFA 171 - Somatic Dance Courses
PERFA 175 - Modern/Contemporary Dance Courses
PERFA 176 - Ballet Technique Courses

Scientific Understanding: One Course, with Lab

BIOL 007 - Introduction to Biological Anthropology , with laboratory
BIOL 050 - General Biology
BIOL 051 - General Biology Laboratory
BIOL 088 - Biology of Women
BIOL 089 - Biology of Women Laboratory
EES 040 - Physical Geology , with laboratory
EES 050 - Historical Geology , with laboratory
EES 092 - Introduction to Environmental Science , with laboratory
PHYSI 040 - Revolutions in Science
PHYSI 041 - Revolutions in Science Laboratory
PHYSI 090 - Introduction to Astronomy
PHYSI 091 - Astronomy Laboratory

Social, Historical, Cultural Understanding: Two courses

Requirement satisfied by JCL 120, and HIST 017 or HIST 018

Theological Explorations: One course

PHIL 130 - Ethics
ANTH 117 - Anthropology of Religion
TRS 117 - Wealth and Poverty in the Bible
TRS 118 - Women and the Bible
TRS 125 - Theologies of Liberation
TRS 141 - Christian Ethics
TRS 142 - Medical Ethics
TRS 143 - Catholic Social Teaching
TRS 151 - Judaism
TRS 152 - Islam: Beliefs and Practices
TRS 153 - Eastern Religions
TRS 154 - Hinduism
TRS 155 - Buddhism
TRS 156 - Religions of India
TRS 171 - Gender and Religion in American Culture
TRS 174 - Sustainability, Religion, Spirituality
TRS 176 - Spirituality in Practice: Catholics in America

Justice, Community and Leadership, Education Specialist Teacher Education, BA

JCL Common Curriculum

All students, regardless of concentration, must complete the JCL common curriculum. Students complete additional course requirements determined by their area of concentration. Please note that JCL students meet many requirements of the SMC Core Curriculum within the major and their chosen concentration.

Common Curriculum - Lower Division

JCL 010 - Introduction to Justice, Community and Leadership
ECON 010 - Economics and Society

MSTE and SPED Concentrations will take one of the following in lieu of ECON 010:

- HIST 017 - History of the United States to the Civil War, OR
- HIST 018 - History of the United States since Reconstruction

Common Curriculum - Upper Division

JCL 120 - Theory and Inquiry in Justice, Community and Leadership
JCL 150 - Advanced Leadership Theory
JCL 190 - Senior Portfolio (.25)
JCL 196 - Senior Capstone I

Common Curriculum - Upper Division JCL Electives

Choose two from the following:

JCL 130 - Environmental Justice
JCL 140 - The Global Community
JCL 163 - Special Topics
JCL 195 - Internship

JCL Education Specialist Teacher Education - Additional Requirements

Lower Division

EDUC 020 - Introduction to the Teaching Profession (Transfer students may substitute JCL 129)

Upper Division Credential Courses

EDUC 122 (JanTerm)
MSTE 112
SSTE 176 (.25)
SPED 130
SPED 180
SPED 185 (.5)
SPED 187 (.5)
SPED 189
SPED 192
SPED 193 (.25)
SPED 194
SPED 198

JCL Common Curriculum: Required Interdisciplinary Content

In addition to the above courses, JCL majors meet other program requirements from a specific menu of options:

Artistic Understanding

Two full-credit courses that meet the Artistic Analysis requirement and one (full or .25) that meets the Creative Practice requirement (please note that some courses meet both the analysis and creative practice requirements)

Artistic Understanding - Artistic Analysis and Creative Practice

ART 055 - Digital Art: Photo, Video and Sound
ART 065 - Web Design and Interactive Art
ART 070 - Printmaking
ATC 080 - Art Theory
COMM 002 - Introduction to Media and Cultural Studies
COMM 125 - Media, Technology and Culture
COMM 133 - Video Production
COMM 158 - Film
ENGL 025 - Creative Writing: Multi-Genre Studies
ENGL 102 - Creative Writing
PERFA 014 - World Music and Dance
PERFA 033 - Acting I: Principles of Performance
PERFA 050 - Theatre for Social Justice: Interactive Theatre

Artistic Understanding - Artistic Analysis only

AH 001 - Survey of World Art: Europe and the United States
AH 002 - Survey of World Arts: Africa, and the Americas
AH 144 - Issues in Non-Western Arts
ATC 180 - Seminar in Theory & Practice of Art
ENGL 023 - Voices of American Diversity
ENGL 105 - Children's Literature
ENGL 153 - American Ethnic Writers and Oral Traditions
ENGL 154 - Studies in African-American Literature
ENGL 163 - Anglophone Literatures
ENGL 173 - Women Writers
FREN 130 - Thematic and Stylistic Study of a Single French Author or Genre
MODL 186 - Culture and Civilization of Italy
MODL 126 - Film
PERFA 001 - Perceiving the Performing Arts
PERFA 010 - Introduction to Music: Rock to Bach:
PERFA 061 - World Theatre Experience
PERFA 113 - Jazz and Blues in America
PERFA 181 - Asian Dance in the Contemporary World
PERFA 184 - Dance in Performance
SPAN 011 - Introduction to Literature
SPAN 120 - Spanish Literature: Middle Ages to Eighteenth Century
SPAN 121 - Spanish Literature: Eighteenth Century to the Mid-Twentieth Century
SPAN 140 - Latin American Literature I
SPAN 141 - Latin American Literature II

Artistic Understanding - Creative Practice only

ART 001 - Studio Art
ART 102 - Advanced Painting
ART 155 - Experimental Film/Video

- ES 150

PERFA 012 - Beginning and Intermediate Piano
PERFA 019 - Performing Ensembles
PERFA 037 - Performance Lab
PERFA 070 - Commercial Dance Courses
PERFA 071 - Somatic Dance Courses

PERFA 075 - Modern/Contemporary Dance Courses
PERFA 076 - Ballet Technique Courses
PERFA 090 - Choreography I (.5) and Choreography I Lab (.5)
PERFA 132 - Play in Production
PERFA 142 - Theatre Production Practicum
PERFA 152 - Making Theatre: One Act Plays
PERFA 171 - Somatic Dance Courses
PERFA 175 - Modern/Contemporary Dance Courses
PERFA 176 - Ballet Technique Courses

Scientific Understanding: One Course, with Lab

BIOL 007 - Introduction to Biological Anthropology , with laboratory
BIOL 050 - General Biology
BIOL 051 - General Biology Laboratory
BIOL 088 - Biology of Women
BIOL 089 - Biology of Women Laboratory
EES 040 - Physical Geology , with laboratory
EES 050 - Historical Geology , with laboratory
EES 092 - Introduction to Environmental Science , with laboratory
PHYSI 040 - Revolutions in Science
PHYSI 041 - Revolutions in Science Laboratory
PHYSI 090 - Introduction to Astronomy
PHYSI 091 - Astronomy Laboratory

Social, Historical, Cultural Understanding: Two courses

Requirement satisfied by JCL 120, and HIST 017 or HIST 018

Theological Explorations: One course

PHIL 130 - Ethics
ANTH 117 - Anthropology of Religion
TRS 117 - Wealth and Poverty in the Bible
TRS 118 - Women and the Bible
TRS 125 - Theologies of Liberation
TRS 141 - Christian Ethics
TRS 142 - Medical Ethics
TRS 143 - Catholic Social Teaching
TRS 151 - Judaism
TRS 152 - Islam: Beliefs and Practices
TRS 153 - Eastern Religions
TRS 154 - Hinduism
TRS 155 - Buddhism
TRS 156 - Religions of India
TRS 171 - Gender and Religion in American Culture
TRS 174 - Sustainability, Religion, Spirituality
TRS 176 - Spirituality in Practice: Catholics in America

Justice, Community and Leadership, Multiple Subject Teacher Education, BA

JCL Common Curriculum

All students, regardless of concentration, must complete the JCL common curriculum. Students complete additional course requirements determined by their area of concentration. Please note that JCL students meet many requirements of the SMC Core Curriculum within the major and their chosen concentration.

Common Curriculum - Lower Division

JCL 010 - Introduction to Justice, Community and Leadership

ECON 010 - Economics and Society

MSTE and SPED Concentrations will take one of the following in lieu of ECON 010:

- HIST 017 - History of the United States to the Civil War, OR
- HIST 018 - History of the United States since Reconstruction

Common Curriculum - Upper Division

JCL 120 - Theory and Inquiry in Justice, Community and Leadership

JCL 150 - Advanced Leadership Theory

JCL 190 - Senior Portfolio (.25)

JCL 196 - Senior Capstone I

Common Curriculum - Upper Division JCL Electives

Choose two from the following:

JCL 130 - Environmental Justice

JCL 140 - The Global Community

JCL 163 - Special Topics

JCL 195 - Internship

JCL Multiple Subject Teacher Education - Additional Requirements

Lower Division

- EDUC 020 - Introduction to the Teaching Profession (Transfer students may substitute JCL 129)

EITHER:

MATH 005 - Mathematics Concepts for the Elementary School Teacher I

AND

MATH 006 - Mathematics Concepts for the Elementary School Teacher II

OR *Two of the following math courses:*

MATH 003 - Finite Mathematics

MATH 004 - Introduction to Probability and Statistics

MATH 010 - The Art and Practice of Mathematics

MATH 013 - Calculus with Elementary Functions I

MATH 014 - Calculus with Elementary Functions II

Upper Division JCL Courses

JCL 125 - Text-Based Discussions in Middle School (.25)

JCL 126 - Praxis: Special Topics (.25)

Upper Division Credential Courses

MSTE 112
MSTE 123 (.25)
MSTE 142 (.25)
MSTE 163
MSTE 164
MSTE 175 (.25)
MSTE 110
MSTE 117 (.5)
MSTE 120
MSTE 128 (.5)
MSTE 145
MSTE 149
MSTE 150
EDUC 124 (.25)
SPED 191 (.5)

JCL Common Curriculum: Required Interdisciplinary Content

In addition to the above courses, JCL majors meet other program requirements from a specific menu of options:

Artistic Understanding

Two full-credit courses that meet the Artistic Analysis requirement and one (full or .25) that meets the Creative Practice requirement (please note that some courses meet both the analysis and creative practice requirements)

Artistic Understanding - Artistic Analysis and Creative Practice

ART 055 - Digital Art: Photo, Video and Sound
ART 065 - Web Design and Interactive Art
ART 070 - Printmaking
ATC 080 - Art Theory
COMM 002 - Introduction to Media and Cultural Studies
COMM 125 - Media, Technology and Culture
COMM 133 - Video Production
COMM 158 - Film
ENGL 025 - Creative Writing: Multi-Genre Studies
ENGL 102 - Creative Writing
PERFA 014 - World Music and Dance
PERFA 033 - Acting I: Principles of Performance
PERFA 050 - Theatre for Social Justice: Interactive Theatre

Artistic Understanding - Artistic Analysis only

AH 001 - Survey of World Art: Europe and the United States
AH 002 - Survey of World Arts: Africa, and the Americas
AH 144 - Issues in Non-Western Arts
ATC 180 - Seminar in Theory & Practice of Art
ENGL 023 - Voices of American Diversity
ENGL 105 - Children's Literature
ENGL 153 - American Ethnic Writers and Oral Traditions
ENGL 154 - Studies in African-American Literature
ENGL 163 - Anglophone Literatures
ENGL 173 - Women Writers
FREN 130 - Thematic and Stylistic Study of a Single French Author or Genre
MODL 186 - Culture and Civilization of Italy
MODL 126 - Film
PERFA 001 - Perceiving the Performing Arts
PERFA 010 - Introduction to Music: Rock to Bach:

PERFA 061 - World Theatre Experience
PERFA 113 - Jazz and Blues in America
PERFA 181 - Asian Dance in the Contemporary World
PERFA 184 - Dance in Performance
SPAN 011 - Introduction to Literature
SPAN 120 - Spanish Literature: Middle Ages to Eighteenth Century
SPAN 121 - Spanish Literature: Eighteenth Century to the Mid-Twentieth Century
SPAN 140 - Latin American Literature I
SPAN 141 - Latin American Literature II

Artistic Understanding - Creative Practice only

ART 001 - Studio Art
ART 102 - Advanced Painting
ART 155 - Experimental Film/Video

- ES 150

PERFA 012 - Beginning and Intermediate Piano
PERFA 019 - Performing Ensembles
PERFA 037 - Performance Lab
PERFA 070 - Commercial Dance Courses
PERFA 071 - Somatic Dance Courses
PERFA 075 - Modern/Contemporary Dance Courses
PERFA 076 - Ballet Technique Courses
PERFA 090 - Choreography I (.5) and Choreography I Lab (.5)
PERFA 132 - Play in Production
PERFA 142 - Theatre Production Practicum
PERFA 152 - Making Theatre: One Act Plays
PERFA 171 - Somatic Dance Courses
PERFA 175 - Modern/Contemporary Dance Courses
PERFA 176 - Ballet Technique Courses

Scientific Understanding: One Course, with Lab

BIOL 007 - Introduction to Biological Anthropology , with laboratory
BIOL 050 - General Biology
BIOL 051 - General Biology Laboratory
BIOL 088 - Biology of Women
BIOL 089 - Biology of Women Laboratory
EES 040 - Physical Geology , with laboratory
EES 050 - Historical Geology , with laboratory
EES 092 - Introduction to Environmental Science , with laboratory
PHYSI 040 - Revolutions in Science
PHYSI 041 - Revolutions in Science Laboratory
PHYSI 090 - Introduction to Astronomy
PHYSI 091 - Astronomy Laboratory

Social, Historical, Cultural Understanding: Two courses

Requirement satisfied by JCL 120, and HIST 017 or HIST 018

Theological Explorations: One course

PHIL 130 - Ethics
ANTH 117 - Anthropology of Religion
TRS 117 - Wealth and Poverty in the Bible
TRS 118 - Women and the Bible
TRS 125 - Theologies of Liberation

TRS 141 - Christian Ethics
TRS 142 - Medical Ethics
TRS 143 - Catholic Social Teaching
TRS 151 - Judaism
TRS 152 - Islam: Beliefs and Practices
TRS 153 - Eastern Religions
TRS 154 - Hinduism
TRS 155 - Buddhism
TRS 156 - Religions of India
TRS 171 - Gender and Religion in American Culture
TRS 174 - Sustainability, Religion, Spirituality
TRS 176 - Spirituality in Practice: Catholics in America

Justice, Community and Leadership Minor

The following courses are required:

Lower Division

Required

ECON 010 - Economics and Society
JCL 010 - Introduction to Justice, Community and Leadership

Upper Division

Required

JCL 150 - Advanced Leadership Theory
JCL 190 - Senior Portfolio (.25)

AND at least two of the following:

JCL 120 - Theory and Inquiry in Justice, Community and Leadership
JCL 130 - Environmental Justice
JCL 140 - The Global Community

Also, one more elective

(if not all three of JCL 120, JCL 130, JCL 140 are taken) from the following list:

BUSAD 181 - Business Ethics and Social Responsibility
COMM 161 - Communication and Social Justice
ECON 150 - Environmental and Natural Resources Economics
ECON 152 - Labor Economics
ECON 192 - Economic Development
HIST 136 - Immigration and Ethnic Relations in American History
HIST 138 - The Development of Modern American Culture
HIST 139 - History of Women in America
HIST 141 - African-American History: 1865 to the Present
HIST 151 - Women in Latin American History
HIST 152 - Revolution in Latin America
HIST 155 - Latin American Environmental History
HIST 163 - Ethnic Identity and Conflict in China
PHIL 130 - Ethics
POL 106 - Politics of Labor
POL 110 - Politics of Race
POL 115 - Theories of Justice

POL 125 - Human Rights
POL 126 - Food Politics
POL 135 - Environmental Politics
SOC 101 - The Sociological Imagination
SOC 114 - Urban Studies
SOC 115 - Wealth and Poverty
SOC 116 - Global Migration
SOC 120 - Social Movements
SOC 122 - Education and Society
SOC 124 - Justice and Community
SOC 128 - Crime and Delinquency

- SOC 134

TRS 117 - Wealth and Poverty in the Bible
TRS 141 - Christian Ethics
TRS 142 - Medical Ethics
TRS 143 - Catholic Social Teaching
TRS 151 - Judaism
TRS 153 - Eastern Religions
TRS 154 - Hinduism
TRS 155 - Buddhism
TRS 156 - Religions of India
TRS 171 - Gender and Religion in American Culture
TRS 174 - Sustainability, Religion, Spirituality
TRS 176 - Spirituality in Practice: Catholics in America
WGS 107 - Research Seminar in Women's and Gender Studies

Justice, Community and Leadership Minor: Single Subject 4+1

Students earn their Bachelor's degree at the end of four years in their major and a single-subject credential at the end of their fifth year. Students begin credentialing courses as undergraduate seniors.

Requirements: Students must complete 7 credits, which may be double-counted towards core curriculum requirements. Courses taken to satisfy students' major may not also count toward completion of the minor. JCL majors cannot minor in Single Subject 4+1.

Lower Division

JCL 010 - Introduction to Justice, Community and Leadership

- EDUC 020 - Introduction to the Teaching Profession

Upper Division

One of the following:

(For English it needs to meet SHCU -- JCL 120):

JCL 120 - Theory and Inquiry in Justice, Community and Leadership
JCL 130 - Environmental Justice
JCL 140 - The Global Community
JCL 150 - Advanced Leadership Theory
JCL 163 - Special Topics

All of the following:

- EDUC 122

JCL 125 - Text-Based Discussions in Middle School (.25)

- SSTE 111
- SSTE 154 (.5)
- SSTE 174
- SSTE 176 (.25)

After Completion of the BA and the minor:

In their fifth year, students will officially enter the Graduate Program in the School of Education and complete their credential.

Kinesiology

Faculty

Chi-An Emhoff, PhD, *Associate Professor, Chair*

Robin Dunn, PhD, *Assistant Professor*

Craig Johnson, PhD, *Associate Professor*

Deane Lamont, PhD, *Professor*

Derek Marks, PhD, *Associate Professor*

Steve Miller, PhD, *Associate Professor*

Claire Williams, PhD, *Associate Professor*

Learning Outcomes

Department of Kinesiology undergraduates will be able to demonstrate:

a knowledge of the field's subdisciplines, their theoretical and knowledge bases, and major research foci and implications.

the ability to analyze, interpret, synthesize, and integrate scholarly material.

critical thinking through high level written and verbal communication.

knowledge of the human body and its relevance to physical activity and health.

knowledge of and ability to effectively utilize contemporary information literacy practices.

the ability to engage in cogent, in-depth dialogue concerning the value of the field to contemporary society through analyses of historical and current issues and problems.

professional decision making skills grounded in sound philosophical and theoretical principles.

an understanding and respect for the value of individuals, communities, and perspectives of difference.

Major Requirements

The Kinesiology major at Saint Mary's College is a four-year course of study leading to either a Bachelor of Arts or a Bachelor of Science depending on the student's area of interest. The major requires rigorous study of the human being in motion. We examine the whole person-anatomically, physiologically, biomechanically, psychologically, sociologically, and historically-across the lifespan. Our domains are health, sport, and physical activity. Students select one area within which to study: Sport and Recreation Management (Bachelor of Arts), Health Promotion (Bachelor of Arts), or Exercise Science (Bachelor of Science). Students may not transfer more than two upper-division courses from another institution for credit in the Kinesiology major. Online courses are generally not accepted for credit in the major.

A minimum 2.0 GPA within the major is required for graduation.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Kinesiology, Exercise Science, BS

This emphasis provides students with a broad knowledge base, critical thinking and communication skills, and practical experience in the exercise sciences. The interdisciplinary coursework, in addition to labs, research, and practicum experiences, educates students to become effective and socially responsible contributors to the scientific community and subject population. This curriculum also prepares students to pursue professional certifications, professional and graduate programs, and advanced careers in the field. Exercise Science majors are prominent in the wellness, sport, and fitness industries; health care settings, such as injury prevention and exercise rehabilitation; and as trainers and coaches for individual and team athletes.

Students in the Exercise Science track are required to complete the following coursework:

Lower Division

KINES 010 - Introduction to Kinesiology
KINES 015 - Research Methods and Writing in Kinesiology
BIOL 010 - Introduction to Biology
BIOL 011 - Introduction to Biology Laboratory
BIOL 013 - Human Anatomy for Kinesiology
BIOL 014 - Human Anatomy Laboratory
BIOL 025 - Human Physiology
BIOL 026 - Human Physiology Laboratory
CHEM 002 - Principles of Chemistry
CHEM 003 - Principles of Chemistry Lab

MATH 004 - Introduction to Probability and Statistics
OR
MATH 013 - Calculus with Elementary Functions I
OR
MATH 027 - Calculus I

Upper Division

KINES 102 - Structural Biomechanics
KINES 107 - Nutrition for Sport and Physical Activity
KINES 012 - Fitness and Health Education
KINES 110 - Exercise Physiology
KINES 110L - Exercise Physiology Laboratory AND
KINES 117 - Motor Learning and Control

Additional Requirements

One course may be taken from another relevant academic unit such as: Anthropology, Biology, Chemistry, Communication, Politics, Psychology, or Sociology. This class should be relevant to the exercise science emphasis. Coursework samples are available from the Department of Kinesiology.

A minimum of four additional 1.0 unit upper-division courses are required, at least one of which must be:

KINES 109 - Care and Prevention of Athletic Injuries

KINES 115 - Fitness Assessment and Exercise Prescription
KINES 115L - Fitness Assessment and Exercise Prescription Laboratory

OR

KINES 122 - Principles of Strength and Conditioning
KINES 122L - Principles in Strength and Conditioning Laboratory

Kinesiology, Health Promotion, BA

This emphasis prepares students with interests in the field of public health, health education and promotion, and wellness. Course work has been designed to meet the four Critical Component Elements for undergraduate health education programs.

Students in the Health Promotion track are required to complete the following coursework:

Lower Division

KINES 010 - Introduction to Kinesiology
KINES 014 - Introduction to Health Promotion
KINES 015 - Research Methods and Writing in Kinesiology

Upper Division

KINES 108 - Legal and Administrative Issues
KINES 118 - Community Health
KINES 127 - Health Promotion: Planning and Evaluation
KINES 195 - Internship

AND two of the following:

KINES 106 - Women in Sport
KINES 111 - History of Sport
KINES 112 - Sport and Exercise Psychology
KINES 114 - Sociology of Sport and Physical Activity
TRS 142 - Medical Ethics

Note

A minimum of six additional 1.0 unit upper-division courses are required. Students will select two courses from each of the three foci: Environmental Health, Health & Human Diversity, and Health Communication & Advocacy. The courses have been identified from relevant academic units including Anthropology, Communication, Economics, Environmental & Earth Science, Political Science, Psychology, and Sociology. Coursework samples are available from the Department of Kinesiology.

Math is a Saint Mary's College core curriculum requirement. The Department of Kinesiology highly recommends that students with an emphasis in Health Promotion complete MATH 004 - Introduction to Probability and Statistics.

Kinesiology, Sport and Recreation Management, BA

This emphasis serves students interested in leadership roles in the fields of sport, fitness, and athletics. Coursework provides the philosophical grounding and administrative skills necessary for success in these domains.

Students in the Sport and Recreation Management track are required to complete the following coursework:

Lower Division

KINES 010 - Introduction to Kinesiology
KINES 012 - Fitness and Health Education
KINES 015 - Research Methods and Writing in Kinesiology
KINES 020 - Introduction to Sport and Recreation Management
ACCTG 001 - Financial Accounting
ECON 003 - Principles of Microeconomics

Upper Division

KINES 105 - Facility and Event Management
KINES 108 - Legal and Administrative Issues

KINES 111 - History of Sport
KINES 112 - Sport and Exercise Psychology
KINES 114 - Sociology of Sport and Physical Activity
KINES 132 - Sports Marketing
KINES 195 - Internship
BUSAD 120 - Business Law
BUSAD 131 - Managing and Leading in Organizations
ECON 180 - Sports Economics

Note

Math is a Saint Mary's College core curriculum requirement. The Department of Kinesiology highly recommends that students with an emphasis in Sport and Recreation Management complete MATH 004 - Introduction to Probability and Statistics.

Kinesiology, Athletic Training Minor

Minor Requirements

KINES 010 - Introduction to Kinesiology
KINES 015 - Research Methods and Writing in Kinesiology
KINES 102 - Structural Biomechanics
KINES 109 - Care and Prevention of Athletic Injuries
KINES 110 - Exercise Physiology
KINES 112 - Sport and Exercise Psychology
KINES 122 - Principles of Strength and Conditioning

Kinesiology, Health Education Minor

Minor Requirements

KINES 010 - Introduction to Kinesiology
KINES 012 - Fitness and Health Education
KINES 015 - Research Methods and Writing in Kinesiology
KINES 107 - Nutrition for Sport and Physical Activity
KINES 109 - Care and Prevention of Athletic Injuries
KINES 115 - Fitness Assessment and Exercise Prescription
KINES 118 - Community Health
KINES 127 - Health Promotion: Planning and Evaluation

Kinesiology, Sport and Recreation Management Minor

Minor Requirements

KINES 010 - Introduction to Kinesiology
KINES 015 - Research Methods and Writing in Kinesiology
KINES 020 - Introduction to Sport and Recreation Management
KINES 105 - Facility and Event Management
KINES 108 - Legal and Administrative Issues
KINES 111 - History of Sport
KINES 114 - Sociology of Sport and Physical Activity

Mathematics and Computer Science

Mathematics is a liberal art fundamental to a true education. Its study trains students in analytical thinking. Graduates of the department are active in an extraordinarily wide range of careers. The department offers a bachelor of science degree in mathematics with a pure, applied, and computer science track. A minor in mathematics is available.

Faculty

Ellen Veomett, PhD, Professor, Chair

Kristen Beck, PhD, Associate Professor

Andrew Conner, PhD, Associate Professor

Charles R. Hamaker, PhD, Professor

Chris Jones, PhD, Professor, Chair

Lidia R. Luquet, PhD, Professor Emerita

Michael Nathanson, PhD, Professor

Brother Raphael Patton, FSC, PhD, Professor Emeritus

Kathryn F. Porter, PhD, Professor

Jane R. Sangwine-Yager, PhD, Professor Emerita

Jim Sauerberg, PhD, Professor

Learning Outcomes

When they have completed a mathematics major, students will be able to:

DEMONSTRATE a mastery of the core SMC undergraduate mathematics curriculum.

COMMUNICATE mathematical ideas and concepts correctly and clearly in both oral and written forms using mathematical reasoning and terminology and symbolic representation.

UNDERTAKE scholarly investigations using appropriate mathematical resources.

INTEGRATE the use of technological tools into their investigations.

DEMONSTRATE knowledge of connections within mathematics and applications to other fields.

Major Requirements

The Department of Mathematics and Computer Science offers three tracks within the mathematics major: Pure, Applied, and Computer Science. Each is a Bachelor of Science degree.

A student wishing to major in mathematics should have a strong interest in the field and normally a background of four years of high school mathematics (two years of algebra, one year of geometry and one year of pre-calculus or equivalent).

Prerequisite Grade

Any course listed in this department with a prerequisite requires a grade of C- or better in the prerequisite course.

Suggested Four-Year Program

First-year students should take MATH 027 and MATH 038 and MA/CS 021. Failure to take these courses in the first year may make it impossible to complete the major in four years. It is also recommended for first-year students to enroll in PHYSI 001, PHYSI 002, PHYSI 003, PHYSI 004 or CHEM 008, CHEM 009, CHEM 010, CHEM 011. Those interested in developing a four-year program of study toward a major in mathematics may consult any department faculty member.

Computer Science

Courses in computer science are designed to introduce students to the design of computer systems and their current applications, and to prepare students for using the computer as a tool to solve complex problems in the future. The emphasis is on the fundamental principles and questions of computation and computer structures.

Minor Requirements

A student wishing to minor in computer science should have a strong interest in at least one area of application of computer science. Normally, a student is expected to have a background of four years of high school mathematics (two years of algebra, one year of geometry and one year of precalculus or equivalent). Students may not complete both the mathematics major and the computer science minor.

Mathematics, Pure Track, BS

The pure track is designed primarily for students considering graduate study in mathematics or secondary mathematics teaching. It consists of ten (10) upper division courses.

Lower Division

The following lower-division classes are required for all tracks in the mathematics major.

MATH 027 - Calculus I
MATH 038 - Calculus II
MATH 039 - Calculus III
MA/CS 021 - Programming I

Plus either

PHYSI 001 - Introduction to Physics I
PHYSI 002 - Introduction to Physics I Laboratory
PHYSI 003 - Introduction to Physics II
PHYSI 004 - Introduction to Physics II Laboratory

OR

CHEM 008 - General Chemistry I
CHEM 009 - General Chemistry Lab I
CHEM 010 - General Chemistry II
CHEM 011 - General Chemistry Lab II

Upper Division

MATH 103 - Introduction to Upper Division Mathematics
MATH 111 - Abstract Algebra I
MATH 120 - Linear Algebra with Applications
MATH 150 - Real Analysis
MATH 196 - Senior Seminar

Plus two additional courses from:

MATH 115 - Number Theory
MATH 131 - Topology
MATH 185 - Complex Variables

Plus three upper division mathematics electives.

Mathematics, Applied Track, BS

The applied track is designed for students planning on entering industry directly from college. It consists of nine (9) upper division courses.

Lower Division

The following lower-division classes are required for all tracks in the mathematics major.

MATH 027 - Calculus I
MATH 038 - Calculus II
MATH 039 - Calculus III
MA/CS 021 - Programming I

Plus either

PHYSI 001 - Introduction to Physics I
PHYSI 002 - Introduction to Physics I Laboratory
PHYSI 003 - Introduction to Physics II
PHYSI 004 - Introduction to Physics II Laboratory

OR

CHEM 008 - General Chemistry I
CHEM 009 - General Chemistry Lab I
CHEM 010 - General Chemistry II
CHEM 011 - General Chemistry Lab II

Upper Division

MATH 103 - Introduction to Upper Division Mathematics
MATH 120 - Linear Algebra with Applications
MATH 196 - Senior Seminar

Plus either

MATH 111 - Abstract Algebra I
OR
MATH 150 - Real Analysis

Plus three additional courses from:

MATH 113 - Probability and Statistics
MATH 114 - Mathematical Modeling
MATH 134 - Differential Equations
MA/CS 174 - Analysis of Algorithms

Plus two upper division electives at most one of which is a Computer Science course.

Mathematics, Computer Science Track, BS

The Computer Science track is designed for students interested in an emphasis in Computer Science. It consists of nine (9) upper-division courses.

Lower Division

The following lower-division classes are required for all tracks in the mathematics major.

MATH 027 - Calculus I
MATH 038 - Calculus II
MATH 039 - Calculus III
MA/CS 021 - Programming I

Plus either

PHYSI 001 - Introduction to Physics I
PHYSI 002 - Introduction to Physics I Laboratory
PHYSI 003 - Introduction to Physics II
PHYSI 004 - Introduction to Physics II Laboratory

OR

CHEM 008 - General Chemistry I

CHEM 009 - General Chemistry Lab I
CHEM 010 - General Chemistry II
CHEM 011 - General Chemistry Lab II

Upper Division

Required Upper Division Courses

MATH 103 - Introduction to Upper Division Mathematics
MATH 120 - Linear Algebra with Applications
MATH 140 - Combinatorics and Discrete Mathematics
MATH 196 - Senior Seminar
MA/CS 174 - Analysis of Algorithms

Plus either

MATH 111 - Abstract Algebra I
OR
MATH 150 - Real Analysis

Plus three upper-division electives at least two of which are Computer Science courses.

Mathematics Minor

Minor Requirements

MATH 027 - Calculus I

MATH 028 - Calculus II with Applications
OR
MATH 038 - Calculus II

MATH 103 - Introduction to Upper Division Mathematics

- And two additional upper-division courses in mathematics.

Recommended

MATH 039 - Calculus III
MATH 120 - Linear Algebra with Applications

Computer Science Minor

Minor Requirements

A student wishing to minor in computer science should have a strong interest in at least one area of application of computer science. Normally, a student is expected to have a background of four years of high school mathematics (two years of algebra, one year of geometry and one year of precalculus or equivalent). Students may not complete both the mathematics major and the computer science minor.

MATH 027 - Calculus I

MATH 028 - Calculus II with Applications
OR
MATH 038 - Calculus II

MATH 140 - Combinatorics and Discrete Mathematics

MA/CS 021 - Programming I
MA/CS 174 - Analysis of Algorithms AND

- Two additional upper division computer science courses.

Mathematics 4+1 Secondary Teaching Program

The Mathematics 4+1 Secondary Teacher's Program is designed for students at Saint Mary's College who are interested in becoming mathematics teachers at the secondary level and also earning a California Teaching Credential through the Kalmanovitz School of Education at Saint Mary's College. The student completes all courses to satisfy the mathematics major under the pure track in the Department of Mathematics and Computer Science with a few specific choices of courses, the Core Curriculum requirements, and yearly teaching experiences. In the senior year, the student take four Single Subject Teaching courses to begin the teaching credential program. The student completes the remaining requirements for the teaching credential in the fifth year at SMC. At the end of four years, the student earns their BS in mathematics and at the end of the + 1 year the successful student earns the California teaching credential.

Lower Division

The lower division mathematics and computer science courses required for this program are the same as for all mathematics majors. The required upper division mathematics courses are:

Upper Division

MATH 103 - Introduction to Upper Division Mathematics
MATH 111 - Abstract Algebra I
MATH 113 - Probability and Statistics
MATH 115 - Number Theory
MATH 120 - Linear Algebra with Applications
MATH 131 - Topology
MATH 150 - Real Analysis
MATH 196 - Senior Seminar

- Plus two more upper division mathematics courses.

In addition, the student must complete the following:

EDUC 020
EDUC 122
Two semesters of supplementary instruction, and participation in one semester of the Math Games.

Note

First year students should take MATH 027, MATH 038, and MA/CS 021. Failure to take these courses in the first year may make it impossible to complete the program in 5 years.

Secondary Teaching without Participating in the 4+1 Program

Requirements

All students in California planning to enroll in a teaching credential program in mathematics after earning their undergraduate degree are required to demonstrate subject matter competency in mathematics prior to enrolling. Students at Saint Mary's College exhibit this competency by taking and passing the CSET (California Subject Exam for Teachers) in mathematics. Students interested in becoming a secondary mathematics teacher are advised to complete the following upper-division courses to prepare for the CSET:

MATH 103 - Introduction to Upper Division Mathematics
MATH 111 - Abstract Algebra I

MATH 113 - Probability and Statistics
MATH 115 - Number Theory
MATH 120 - Linear Algebra with Applications
MATH 131 - Topology
MATH 150 - Real Analysis
MATH 196 - Senior Seminar

Pre-professional field experience

The California Commission on Teacher Credentialing (CCTC) also requires students to obtain "pre-professional field experience" before entering a credential program. This requirement is satisfied by EDUC 122: Field Experience, offered in the January Term. Students are required to contact the School of Education in September of their sophomore or junior year to meet with the faculty member teaching EDUC 122. Students should also speak with a representative of the School of Education to learn of any other requirements of the state of California for prospective secondary teachers.

Performing Arts: Dance, Music, and Theatre

The Performing Arts Department offers a unique approach to the study of dance, music and theatre within a Liberal Arts context. Students receive conservatory-calibre training that prepares them for graduate studies or a career in the performing arts, while developing the critical thinking and communication skills that are the hallmark of a liberally educated person. All majors take a sequence of courses in their chosen discipline-emphasizing performance practice, history and theory, criticism and analysis in either music, dance or theatre. Performing Arts students are also encouraged to explore interdisciplinary pathways, through classes and performance opportunities beyond their home program.

The Performing Arts Department offers five separate majors:

Dance: Choreography and Performance
Dance Studies
Music
Theatre: Performance and Theatre Studies
Theatre: Design and Technical Theatre

The Performing Arts Department builds creative artists with strong foundational skills and adventuresome spirits. A team-taught core course cultivates thoughtful perception of the arts and introduces the distinctive languages of each medium. Rigorous studio and lab courses build technique, while classes in history, theory and analysis foster critical engagement with the substance and styles of dance, music and theatre. Students learn to discuss and analyze both classic and contemporary works, and to understand the arts in the context of the history of great ideas and artistic achievements that have shaped our world.

The capstone of the Performing Arts degree is the senior project, for which students produce a substantial original research paper or creative work demonstrating their command of artistic and intellectual skills appropriate to the undertaking.

Performing Arts' signature values include:

Mentoring by faculty members who are both outstanding teachers and accomplished artists.
Frequent attendance at world-class dance, music, and theatre performances around the Bay Area.
Multiple and varied performance opportunities, beginning with the first year.
Challenging standards that help students achieve artistic excellence and professionalism.
Master classes, guest lectures and informal contact with professional artists, connecting classroom learning with the real world.
A welcoming and inclusive student cohort experience, in which students of all levels are supported and encouraged in their individual development.
Stimulating creative collaborations and intellectual exchange between programs.

Faculty

Dana Lawton, MFA, Professor, Dance, Chair (*Dance Technique, Choreography, Dance Appreciation, Dance Pedagogy*)
Rosana Barragán, MFA, Associate Professor, (Phenomenology, Choreography, Somatic Movement, Yoga, Dance Technique)

CatherineMarie Davalos, MFA, Professor, Dance Program Director (Dance Technique, Dance History and Theory, Choreography, Somatic Movement)
Rebecca Engle, MA, Professor, Head of Performance & Theatre Studies (Acting, Directing, Contemporary Theatre)
Julie Ford, D.M.A., Associate Professor, Music Program Director, Vocal/Choral Arts Director (Classical, Pop, and Jazz Choirs, Vocal Science, Private Voice, Conducting)
Rogelio Lopez, MFA, Assistant Professor, Director, MFA in Dance, Resident Dance Costume Designer (Dance Technique, Choreography, Costume and Set Design, Ballet Folklorico)
Amissa Miller, MFA., Assistant Professor, Theatre (Dramaturgy, African American Theatre, Interactive Theatre, Playwriting)
Sixto Montesinos, PhD, Assistant Professor (Music Fundamentals, Orchestration, Sports Band, Chamber Music)
Lino Rivera, D.M.A., Professor (Piano, Music History, Music Theory, Form and Analysis, Chamber Music)
Martin Rokeach, PhD, Professor Emeritus, Music
Shaunna Vella, MFA, Adjunct Assistant Professor, Director of LEAP (Dance Technique, Dance and Social Justice, Repertory)
Jia Wu, MFA, Associate Professor, (Dance Technique, Chinese Dance and Diaspora Studies, Dance for the Camera)
Deanna Zibello, MFA, Associate Professor, Theatre Program Director, Head of Design and Technical Theatre (Scenic Design)

Learning Outcomes

When they have completed the Performing Arts Program, students will be able to:

USE specific, technical terms appropriately when discussing works of dance, music or theatre.

ARTICULATE significant structural elements when analyzing a work's form and meaning, and **RECOGNIZE** structural similarities between works of music, dance and theatre.

IDENTIFY significant elements of a work's aesthetic, historical and cultural context, and **COMPARE** the work with others from within a similar context.

UTILIZE a cross-disciplinary perspective and familiarity with the Great Books/Liberal Arts traditions to identify the ways performing artists draw inspiration from nature, history, one's own imagination, and the creative ideas of others.

ENGAGE in critical discourse to explore how social identities are constructed, constrained, reinforced, and treated with inequality by systems of power, including within the field of performing arts. **ANALYZE** issues of access, representation, exclusion, and inclusion in the field and **DEVELOP** an understanding of performance-making as civic practice.

DEVELOP the artist's instrument through exploration of the whole self - i.e., seek an active imagination, sense of one's spirit, use of empathy, ensemble awareness, self-expression, open communication, receptivity, and collaboration.

ACHIEVE the capacity for sustained and focused rehearsal efforts, and for working collaboratively with different directors and performers.

DEMONSTRATE advanced performance skills in live performance to meet the technical demands of masterworks of various styles, eras, and cultures, including original/contemporary works, including the ability to use a variety of techniques within the discipline.

EXHIBIT proficiency in a variety of discipline-specific forms of writing appropriate to the writer's purpose and audience. [Examples: personal reflection; observation and description; critical analysis; evaluation; generating performance texts]

IDENTIFY, locate and evaluate discipline-specific scholarly sources, and competently select, summarize, and synthesize pertinent research findings.

ENGAGE discipline-specific skills and methods that **EXHIBIT** a capacity for goal-setting, time/ resource management, problem-solving and self-reflection in the realization of a capstone creative or research-based project.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course or the permission of the chair to waive that provision.

The Dance program also offers a concentration in Dance Science; consult the Director of the Dance Program, Professor Davalos.

Split Major Agreements

Dance and Biology

Dance and Communication

Dance and English

Dance and Kinesiology

Dance and Studio Art

Musical Theatre and Studio Art

Theatre and Studio Art

Theatre and English

Theatre and Social Justice (Sociology/Ethnic Studies)

Students considering a split major or an individualized major must have a curricular plan approved and on file with the department and the Registrar's Office by the time they have accumulated 22 graduation units. For further information on these or other split or individualized majors, contact Department Chair Dana Lawton at dlawton@stmarys-ca.edu.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course or the permission of the chair to waive that provision.

Dance Studies, BA

Requirements

PERFA 001 - Perceiving the Performing Arts

PERFA 075 - Modern/Contemporary Dance Courses Dance Company I/II (.25 x 4)

PERFA 080 - Dance Science

PERFA 090 - Choreography I (.5) and Choreography I Lab (.5)

PERFA 115 - Music in Performance

PERFA 135 - Theatre in Performance: Bay Area Theatre

PERFA 175 - Modern/Contemporary Dance Courses Dance Company III/IV (.25 x 4)

PERFA 181 - Asian Dance in the Contemporary World

PERFA 182 - Dance History I

PERFA 183 - Dance History II

PERFA 184 - Dance in Performance

PERFA 194 - Dance Production (.25 x 3 minimum)

PERFA 198 - Senior Project

Note

The Dance program also offers a concentration in Dance Science; consult the Director of the Dance Program, Professor Davalos.

Dance: Choreography and Performance, BA

Requirements

Dance Company I/II/III/IV (.25 x 8)

PERFA 075 - Modern/Contemporary Dance Courses

OR

PERFA 175 - Modern/Contemporary Dance Courses

Beginning through Advanced Ballet and Pointe (.25 x 6)

PERFA 076 - Ballet Technique Courses

OR

PERFA 176 - Ballet Technique Courses

PERFA 080 - Dance Science

PERFA 090 - Choreography I (.5) and Choreography I Lab (.5)

PERFA 180 - Laban and Bartenieff Movement Studies

PERFA 180L - Laban and Bartenieff Movement Studies Lab

PERFA 181 - Asian Dance in the Contemporary World

PERFA 182 - Dance History I

PERFA 183 - Dance History II

PERFA 184 - Dance in Performance

PERFA 185 - Dance Pedagogy

PERFA 190 - Choreography II

PERFA 194 - Dance Production (.25 x 3 and one .25 as crew)

PERFA 198 - Senior Project (must be in choreography and performance)

PERFA 143 - Production Management for Dance (.25 recommended)

PERFA 144 - Lighting Design for Dance (.25 recommended)

PERFA 191 - Advanced Choreography (.25 recommended)

Dance Minor

Minor Requirements

PERFA 001 - Perceiving the Performing Arts

Dance Company I: Ballet and Modern (.25 x 2)

PERFA 075 - Modern/Contemporary Dance Courses

- Dance Company II/III/IV: Modern (.25 x 2)
- PERFA 075 - Modern/Contemporary Dance Courses
- PERFA 175 - Modern/Contemporary Dance Courses

Ballet II/III/IV (.25 required for performance)

PERFA 076 - Ballet Technique Courses

PERFA 176 - Ballet Technique Courses

PERFA 080 - Dance Science

PERFA 090 - Choreography I (.5) and Choreography I Lab (.5) AND Lab OR Jan Term Choreography course

PERFA 177 - Technique Lab (.25 required for performance)

PERFA 182 - Dance History I

PERFA 183 - Dance History II

PERFA 184 - Dance in Performance

PERFA 194 - Dance Production

Music, BA

Requirements

All of the following:

PERFA 010 - Introduction to Music: Rock to Bach:
PERFA 011 - Music Fundamentals
PERFA 012 - Beginning and Intermediate Piano (.25)
PERFA 019 - Performing Ensembles (.25 x 6)
PERFA 112 - Private Music Instruction Lab (.25 x 5)
PERFA 116 - Keyboard Harmony(.25)
PERFA 114 - Music Theory/Ear Training
PERFA 114L - Sight Singing and Ear Training (.25)
PERFA 117 - Form and Analysis
PERFA 120 - Conducting
PERFA 121 - Orchestration
PERFA 198 - Senior Project

Choose FOUR from the following

PERFA 014 - World Music and Dance
OR
PERFA 113 - Jazz and Blues in America (can include both)

PERFA 110 - Medieval and Renaissance Music
PERFA 111 - Music and Romanticism
PERFA 119 - Music and the Enlightenment
PERFA 118 - Twentieth-Century Composers

AND EITHER of the following:

PERFA 115 - Music in Performance
PERFA 018 - Lyric Diction

Music Minor

Music

PERFA 011 - Music Fundamentals
PERFA 019 - Performing Ensembles (.25 x 4)
PERFA 112 - Private Music Instruction Lab (.25 x 3)
PERFA 114 - Music Theory/Ear Training

A choice of EITHER:

PERFA 001 - Perceiving the Performing Arts
PERFA 010 - Introduction to Music: Rock to Bach:

A choice of EITHER:

PERFA 012 - Beginning and Intermediate Piano (.25)
PERFA 116 - Keyboard Harmony (.25)

PERFA 114L - Sight Singing and Ear Training (.25)

Choose TWO of the following:

PERFA 014 - World Music and Dance
PERFA 018 - Lyric Diction
PERFA 110 - Medieval and Renaissance Music
PERFA 111 - Music and Romanticism
PERFA 113 - Jazz and Blues in America

PERFA 115 - Music in Performance
OR
PERFA 120 - Conducting

(not both)

PERFA 117 - Form and Analysis
PERFA 118 - Twentieth-Century Composers
PERFA 119 - Music and the Enlightenment
PERFA 121 - Orchestration

Theatre: Design and Technical Theatre, BA

Lower Division

PERFA 001 - Perceiving the Performing Arts
PERFA 030 - Foundations of Theatre I
PERFA 033 - Acting I: Principles of Performance
PERFA 035 - Theatre Masterpieces: Western Drama (.5)
PERFA 036 - Theatre Masterpieces: Modern Drama (.5)
PERFA 042 - Introduction to Technical Theatre (.5)
PERFA 047 - Technical Theatre/Design Lab (.25 x 4, a total of 1.0 units)

Upper Division

PERFA 130 - Foundations of Theatre II
PERFA 136 - Theatre: Special Studies
PERFA 138 - Portfolio Preparation (.25)
PERFA 142 - Theatre Production Practicum (once for 1.0 and once for .5, for a total of 1.5 credits.)

Any three of the following:

PERFA 140 - Stage Management (.5)
PERFA 147 - Costume Design (.5)
PERFA 148 - Stage Lighting Design (.5)
PERFA 149 - Scenic Design (.5)

One upper-division elective from the following options:

PERFA 115 - Music in Performance
PERFA 135 - Theatre in Performance: Bay Area Theatre
PERFA 152 - Making Theatre: One Act Plays
PERFA 160 - Special Topics in Performing Arts
PERFA 161 - Theatre and American Cultures (Multicultural Performance)
PERFA 162 - Directing for the Stage
PERFA 184 - Dance in Performance

And both:

PERFA 197 - Special Study Internship OR Special Study
PERFA 198 - Senior Project

Note

Most upper-division theatre courses are offered in alternate years only. Students must determine, prior to registration for their junior year, in a conference with their theatre advisor, which courses are offered in alternate years so that they will have an opportunity to complete all required courses in a timely manner.

Theatre: Performance and Theatre Studies, BA

Lower Division

PERFA 001 - Perceiving the Performing Arts
PERFA 030 - Foundations of Theatre I
PERFA 033 - Acting I: Principles of Performance
PERFA 035 - Theatre Masterpieces: Western Drama (.5)
PERFA 036 - Theatre Masterpieces: Modern Drama (.5)
PERFA 037 - Performance Lab (.25 x 4, a total of 1.0 units)
PERFA 042 - Introduction to Technical Theatre (.5)

Upper Division

PERFA 130 - Foundations of Theatre II
PERFA 132 - Play in Production (.25, .5 or 1.0, for a total of 1.0)
PERFA 133 - Acting II: Characterization and Scene Study
PERFA 136 - Theatre: Special Studies
PERFA 137-1 - Acting III: Advanced Acting (.5)
PERFA 137-2 - Acting III: Advanced Acting Lab (.5)
PERFA 138 - Portfolio Preparation (.25)
PERFA 142 - Theatre Production Practicum (.5)
PERFA 198 - Senior Project

Any one of the following courses:

PERFA 140 - Stage Management (.5)
PERFA 147 - Costume Design (.5)
PERFA 148 - Stage Lighting Design (.5)
PERFA 149 - Scenic Design (.5)

Two upper-division electives from the following options:

PERFA 115 - Music in Performance
PERFA 135 - Theatre in Performance: Bay Area Theatre
PERFA 152 - Making Theatre: One Act Plays
PERFA 160 - Special Topics in Performing Arts
PERFA 161 - Theatre and American Cultures (Multicultural Performance)
PERFA 162 - Directing for the Stage
PERFA 184 - Dance in Performance

Theatre Minor

Lower Division

PERFA 001 - Perceiving the Performing Arts
PERFA 030 - Foundations of Theatre I

PERFA 035 - Theatre Masterpieces: Western Drama (.5)
OR
PERFA 036 - Theatre Masterpieces: Modern Drama (.5)

PERFA 042 - Introduction to Technical Theatre (.5)

And four additional units in the following areas:

Acting (1 unit)

Production/design (1 unit)

Theatre theory/history / criticism (1 unit)

Elective (1 unit) upper division theatre course, pre-approval by Program Director required

Options for acting include:

PERFA 033 - Acting I: Principles of Performance
PERFA 037 - Performance Lab (.25) [topic varies]
PERFA 133 - Acting II: Characterization and Scene Study

Options for theory/history/criticism include:

PERFA 050 - Theatre for Social Justice: Interactive Theatre
PERFA 061 - World Theatre Experience
PERFA 130 - Foundations of Theatre II
PERFA 135 - Theatre in Performance: Bay Area Theatre [topic varies]
PERFA 136 - Theatre: Special Studies
PERFA 060 - Special Topics in Performing Arts [topic varies]
PERFA 160 - Special Topics in Performing Arts
PERFA 161 - Theatre and American Cultures (Multicultural Performance)

Options for production/design include:

PERFA 047 - Technical Theatre/Design Lab [topic varies]
PERFA 140 - Stage Management (.5)
PERFA 142 - Theatre Production Practicum (.25 x 2 or .5 x 1)
PERFA 147 - Costume Design (.5)
PERFA 148 - Stage Lighting Design (.5)
PERFA 149 - Scenic Design (.5)

Options for the elective include:

PERFA 137-1 - Acting III: Advanced Acting

AND

PERFA 137-2 - Acting III: Advanced Acting Lab

PERFA 152 - Making Theatre: One Act Plays (when taken for 1.0 full credit)

PERFA 162 - Directing for the Stage

PERFA 197 - Special Study

PERFA 198 - Senior Project (special proposal process required)

- Any upper division course listed above and not previously taken. In some cases, a Performing Arts course in Music or Dance may be appropriate.

Most upper-division theatre courses are offered in alternate years only. Students must determine, prior to registration for their junior year, in a conference with their theatre advisor, which courses are offered in alternate years so that they will have an opportunity to complete all required courses in a timely manner.

Philosophy

The Department of Philosophy provides an opportunity for every student to continue, in more structured, critical terms, the spontaneous inquiry into basic questions man has raised from the beginning of time-questions about himself, about God, about the world in which he lives, and the way in which he ought to live.

The word "philosophy" itself, love of wisdom, indicates that the search is not concerned with superficial explanations, but probes beyond appearances for fundamental principles and causes.

Hence courses are offered not only to satisfy a major but also to provide an opportunity for students who are interested in a closer examination of one or more areas of philosophical inquiry as a worthwhile supplement and broadening factor to their specialized field of study.

Faculty

Patrick Downey, PhD, *Professor, Chair*

Wayne H. Harter, PhD, *Associate Professor*

Steven Cortright, MA, *Professor*

Deepak Sawhney, PhD, *Associate Professor*

Learning Outcomes

The Philosophy Department seeks to cultivate a unique virtue in its students and faculty. This intellectual virtue we have called the Philosophical Habit of Mind. It consists, at least, of the following abilities:

An ability to situate oneself in the Western philosophical tradition of ethical and metaphysical questions and reasoning.

An ability to account to oneself and to others for the bases of one's actions.

An ability to reckon with the consequences of one's own and other's practical reasoning in various contexts, both personal and political.

An ability to raise metaphysical questions in various concrete, lived, literary and political contexts.

An ability to distinguish and relate the architectonic questions of metaphysics from and to the specialized questions of the sciences and other disciplines.

An ability to discern the interconnection between various modes of ethical and political reflection and distinct metaphysical positions.

An ability to pose to oneself the questions raised by the claims of the Christian faith on one's own ethical and metaphysical reasoning.

An ability to read new or contemporary works in the ongoing tradition of dialectical philosophy with all these abilities at one's disposal.

John F. Henning Institute

The Department of Philosophy hosts the John F. Henning Institute, a center for the study of Catholic social thought, with special emphasis on the question of human work and its centrality to the common good. Students are invited to take part in the institute's program of academic conferences and lectures, publications and seminars.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Philosophy, BA

Lower Division

Required of all students.

PHIL 010 - Plato and Philosophical Inquiry
OR
PHIL 011 - Aristotle and Philosophical Method

Upper Division

The major in philosophy requires eight upper-division courses.

Required

The following four courses are required of all majors.

PHIL 130 - Ethics
PHIL 131 - Ethics
PHIL 135 - Metaphysics
PHIL 136 - Metaphysics

Philosophical Topics

Select at least one course from:

PHIL 110 - Philosophy of Religion
PHIL 111 - Philosophy of Art
PHIL 113 - Contemporary Problems in Ethics
PHIL 114 - Philosophy of Law
PHIL 115 - Modern Legal Philosophy
PHIL 116 - Political Philosophy
PHIL 117 - Philosophy of Nature
PHIL 118 - Theory of Knowledge
PHIL 120 - The Bible and Philosophy
PHIL 133 - The Art of Logic
PHIL 161 - Philosophy of History

Authors/Texts

Select at least one course from:

PHIL 160 - A Critical Reading of the Principal Works of a Single Major Author or School of Philosophy
PHIL 170 - Contemporary Philosophy
PHIL 172 - Existentialism
PHIL 174 - Greek Philosophy
PHIL 176 - Medieval Philosophers
PHIL 178 - Renaissance Philosophers

Additional Elective

Select an additional elective from either Philosophical Topics, Authors/Texts, or:

PHIL 197 - Special Study
PHIL 199 - Special Study - Honors

Senior Thesis

Select one:

PHIL 196 - Senior Thesis

PHIL 198 - Senior Thesis - Honors

Note

Majors planning graduate study are advised to take French or German (for study in modern philosophy), Latin (for study in medieval philosophy), or Greek and Latin (for study in classical philosophy).

Philosophy Minor

Lower Division

The minor in philosophy requires one lower-division:

PHIL 010 - Plato and Philosophical Inquiry

OR

PHIL 011 - Aristotle and Philosophical Method

Upper Division

PHIL 130 - Ethics

PHIL 131 - Ethics

OR

PHIL 135 - Metaphysics

PHIL 136 - Metaphysics AND

- One course from each of the categories, Philosophical Topics and Authors/Schools.

Physics and Astronomy

Physics in this century has become a complex endeavor reflecting many centuries of experimentation and theory. It is an enterprise conducted by men and women who are stimulated by hopes and purposes that are universal: to understand and describe nature in its most elementary form. Physics and astronomy courses train students to carefully observe physical phenomena and to interpret the phenomena using synthesis, mathematical modeling and analysis. These methods represent a way of knowing that is central to the scientific method. The department is dedicated to teaching students with majors in science, as well as general science education in the liberal arts tradition.

Faculty

Mari-Anne M. Rosario, PhD, *Professor, Chair*

Brian R. Hill, PhD, *Assistant Professor*

Jessica C. Kintner, PhD, *Professor*

Aaron Lee, PhD, *Assistant Professor*

Chris M. Ray, PhD, *Professor*

Roy J. Wensley, PhD, *Professor*

Learning Outcomes

Students who graduate with a major in physics will be able to analyze complex and subtle physical phenomena and systems. The successful student will be able to identify the physical and mathematical principles relevant to a system-even principles that are addressed in separate courses and disciplines. Using the principles they identify, students will be able to carry out the necessary analysis and synthesis to model the system accurately, and will be able to effectively communicate their results.

Major Requirements

Bachelor of Science

The bachelor of science (BS) degree in physics is designed for students who wish to pursue careers or graduate study in scientific and technically intensive fields.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Physics, BA

The bachelor of arts (BA) degree provides students the flexibility to pursue additional academic interests, such as undertaking a minor, completing courses for medical school, or preparing for law school.

Lower Division

PHYSI 001 - Introduction to Physics I
PHYSI 002 - Introduction to Physics I Laboratory
PHYSI 003 - Introduction to Physics II
PHYSI 004 - Introduction to Physics II Laboratory
PHYSI 060 - Modern Physics
MATH 027 - Calculus I
MATH 038 - Calculus II
MATH 039 - Calculus III

Upper Division

PHYSI 102 - Computational Physics
PHYSI 105 - Analytical Mechanics
PHYSI 010 - General Physics I
PHYSI 115 - Thermal and Statistical Physics
PHYSI 125 - Quantum Mechanics
PHYSI 181 - Electronics and Instrumentation AND

- Two elective upper-division physics courses.

Physics, BS

Lower Division

The bachelor of science (BS) degree in physics is designed for students who wish to pursue careers or graduate study in scientific and technically intensive fields.

PHYSI 001 - Introduction to Physics I
PHYSI 002 - Introduction to Physics I Laboratory
PHYSI 003 - Introduction to Physics II
PHYSI 004 - Introduction to Physics II Laboratory
PHYSI 060 - Modern Physics
MATH 027 - Calculus I
MATH 038 - Calculus II
MATH 039 - Calculus III

Upper Division

PHYSI 102 - Computational Physics
PHYSI 105 - Analytical Mechanics
PHYSI 010 - General Physics I
PHYSI 115 - Thermal and Statistical Physics
PHYSI 125 - Quantum Mechanics
PHYSI 181 - Electronics and Instrumentation AND

- Three elective upper division physics courses
- MATH 134 - Differential Equations

Physics Minor

Minor Requirements

PHYSI 001 - Introduction to Physics I
PHYSI 002 - Introduction to Physics I Laboratory
PHYSI 003 - Introduction to Physics II
PHYSI 004 - Introduction to Physics II Laboratory
PHYSI 060 - Modern Physics
MATH 027 - Calculus I
MATH 038 - Calculus II
MATH 039 - Calculus III AND

- Three elective upper-division physics courses.

Politics

The politics major is designed to provide a systematic understanding of political power, political processes and political institutions, both in the United States and the world at large. Politics majors gain insight into public affairs; improve their conceptual, analytical, critical and communication skills; and explore normative questions concerning the relation of individuals to governments and of governments to one another. The curriculum offers courses in four fields: American government, political theory, international relations, and comparative politics. The department advises students to divide their work among the four fields, although a concentrated major may be advised in a particular case. The department also recommends substantial coursework in related disciplines such as economics, history, communication or philosophy.

The politics major provides a liberal arts education that fosters responsible civic engagement and an appreciation of diverse political cultures and identities. It prepares students for fulfilling careers in government service, international affairs, education, journalism, community service and business. It also serves the needs of students who seek postgraduate education in political science, the law, public policy and international studies. Students seeking a career in the legal profession will find that the Politics Department's law-related courses will prepare them with a broad background and specific tools with which to undertake their legal education. See also the Law and Society minor, described below.

Students who expect to pursue graduate study in politics should note that knowledge of foreign languages and/or quantitative reasoning is usually required for a graduate degree. Knowledge of world languages is also particularly important for careers in international affairs. Department faculty advisors assist students in the selection of appropriate courses.

The department participates in several off-campus programs that allow students to combine study with practical experience in public life. Students may arrange to receive academic credit for internships with local agencies, officials or political groups. Students interested in American politics can spend a semester studying at American University in Washington, D.C., which includes an internship with a government agency or interest group.

Faculty

Ronald Ahnen, PhD, *Professor, Chair*
Zahra Ahmed, PhD, *Assistant Professor*
David Alvarez, PhD, *Professor Emeritus*
Wilbur Chaffee, PhD, *Professor Emeritus*
Patrizia Longo, PhD, *Professor*
Stephen Sloane, PhD, *Associate Professor Emeritus*

Melinda R. Thomas, JD, Professor
Susan C. Weissman, PhD, Professor
Steven Woolpert, PhD, Professor

Learning Outcomes

Students who graduate with a politics major will be able to demonstrate:

knowledge of institutions, principles and theories of American constitutional democracy
knowledge of: a) political theory and structure, b) dynamics of political conflict, and c) historical and cultural contexts of political events
clear and effective analysis of significant political issues
understanding of, and proficiency in research techniques relevant to political science issues
commitment to civic engagement

Major Requirements (13 Courses)

The Politics major consists of 13 (1 credit) courses.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Law & Society Minor (6 Courses)

See end of Politics section for requirements.

Law & Society Minor

The Law & Society Minor is an interdisciplinary approach to the study of law and its impact on society. It is designed for students who wish to study how social forces influence the legal system and how the law affects society. The Law & Society minor is open to all undergraduates. Offered by the Department of Politics, the minor helps prepare students for a wide range of professional opportunities in justice-related careers in law and related professions. Courses taken to satisfy students' major requirements may not also count towards completion of this minor.

Learning Outcomes

Students who successfully complete this minor will:

DEMONSTRATE understanding of the interrelationships among legal, social, and ethical issues
DEMONSTRATE understanding of the legal process
CRITICALLY ANALYZE the role of law in its political, economic and social context;
DEMONSTRATE skill in oral and written expression and critical thinking
INTEGRATE theoretical and practical understanding of law and society concepts

Requirements: Students must complete 6 courses, which may be double-counted towards core curriculum requirements. See the list of courses at stmarys-ca.edu/politics/law-and-society-minor/the-law-and-society-minor-curriculum Courses taken to satisfy students' major requirements may not also count towards completion of this minor. At least 4 courses must be upper-division. The 6 courses shall include the Overview course, one Domestic Justice course, one Global Justice course, one Skills course, one Field Placement course, and one Elective course. The elective may be satisfied preferably by choosing an additional course in either Domestic Justice or Global Justice, or by choosing a course from the list of additional electives. Courses may be taken in any order. Some listed courses have a prerequisite or require instructor's permission. January Term courses do not count towards the minor requirements.

Politics, BA

The Politics major consists of 13 (1 credit) courses.

Lower Division

POL 001 - Introduction to Comparative Politics
POL 002 - Introduction to American Politics
POL 003 - Introduction to Political Thought
POL 004 - Introduction to International Politics

Upper Division

POL 100 - Writing, Research and Analysis for the Politics Major (students are advised to take POL 100 in their sophomore year).

- One course in American politics
- One course in political theory
- One course in international politics
- One course in comparative politics to be selected only from the corresponding lists below.
- In addition, students must take any four additional politics courses.

Group I American Politics

POL 101 - State and Urban Politics
POL 102 - Political Parties and Pressure Groups
POL 103 - Elections and Voting Behavior
POL 104 - United States Public and Constitutional Law
POL 105 - Presidency and Congress
POL 106 - Politics of Labor
POL 107 - American Legal Institutions
POL 108 - CIA and the Intelligence Community
POL 109 - Topics in American Politics
POL 110 - Politics of Race A/B
POL 130 - Introduction to Public Administration
POL 131 - Politics of Imprisonment
POL 135 - Environmental Politics
POL 136 - Environmental Law and Regulation

Group II Political Theory

POL 111 - Modern Political Thought
POL 112 - American Political Thought
POL 113 - Just and Unjust Wars
POL 114 - Topics in Political Thought
POL 115 - Theories of Justice
POL 116 - Political Polling and Survey Research
POL 117 - Theory of Law

Group III International Politics

POL 120 - International Relations
POL 121 - Governing the Global Economy

POL 122 - Topics in International Politics
POL 123 - American Foreign Policy
POL 124 - Defense Policy
POL 125 - Human Rights
POL 126 - Food Politics
POL 127 - Field Work for POL 126: Food Politics
POL 128 - Dynamics of Terrorism
POL 129 - Politics of Developing Countries

Group IV Comparative Politics

POL 140 - Gender Politics A/B
POL 141 - Contemporary Revolutions
POL 143 - Middle East Politics
POL 144 - Asian Politics
POL 145 - Latin American Politics
POL 146 - West European Politics
POL 147 - Russian Politics from Lenin to Putin
POL 148 - East European Politics
POL 149 - Topics in Comparative Politics

Note

The department faculty recommend that students taking an upper-division course in comparative politics complete POL 001 first; for international politics, POL 004 is recommended first; for American politics, POL 002 is recommended first; and for political theory, POL 003 is recommended first.

Politics Minor

The minor in politics requires six (6) courses:

Lower Division

Any two of the four lower-division politics courses

POL 001 - Introduction to Comparative Politics
POL 002 - Introduction to American Politics
POL 003 - Introduction to Political Thought
POL 004 - Introduction to International Politics

Upper Division

And four upper-division politics courses

One course in American politics;
One course in comparative politics;
One course in international politics;
One course in political theory.

Law & Society Minor

Minor Requirements

The Law & Society minor offers students a breadth of courses from which to choose.

Overview course (Required):

POL 107 - American Legal Institutions

Domestic Justice Courses (select one):

BUSAD 120 - Business Law
COMM 118 - Communication Policy and Law
ENGL 122 - Law and Literature
JCL 120 - Theory and Inquiry in Justice, Community and Leadership
KINES 108 - Legal and Administrative Issues
POL 104 - United States Public and Constitutional Law
POL 112 - American Political Thought
POL 117 - Theory of Law
POL 131 - Politics of Imprisonment
POL 136 - Environmental Law and Regulation
SOC 124 - Justice and Community
SOC 128 - Crime and Delinquency

Global Justice Courses (Select one):

BUSAD 010 - Global Perspectives in Business and Society
GRS 001 - Introduction to Global and Regional Studies
JCL 140 - The Global Community
PHIL 114 - Philosophy of Law
PHIL 115 - Modern Legal Philosophy
POL 115 - Theories of Justice
POL 125 - Human Rights
SOC 135 - Special Topics
TRS 117 - Wealth and Poverty in the Bible

Skills Courses (Select one):

COMM 010 - Rhetoric and Public Discourse
ENGL 100 - Advanced Composition
ES 050 - Creating Community: Introduction to Skills for Building a Socially Just Society
PHIL 005 - Practical Logic
PHIL 133 - The Art of Logic

Field Placement Courses (Select one):

ECON 100 - Issues and Topics in Economics *
JCL 010 - Introduction to Justice, Community and Leadership *
POL 110 - Politics of Race *
POL 140 - Gender Politics A/B *
POL 195 - Internship in Government (in a law-related public or private organization)
SOC 126 - Field Experience (in a law-related public or private organization)
SOC 195 - Special Study Internship (in a law-related public or private organization)
COMM 161 - Communication and Social Justice
TRS 143 - Catholic Social Teaching *

Elective courses (Select one):

Either a second course from the list of American or Global Justice courses, or:

BUSAD 121 - Advanced Legal Topics in Business
COMM 107 - Political Communication
COMM 100 - Communication Theory
COMM 113 - Rhetorical Criticism

COMM 116 - Advertising and Civic Engagement
ES 001 - Introduction to Ethnic Studies
POL 003 - Introduction to Political Thought
SOC 004 - Social Problems
SOC 112 - Race and Ethnicity
SOC 115 - Wealth and Poverty
SOC 123 - Ethnic Groups in the United States
SOC 125 - Gender and Society
WGS 001 - Introduction to Women's and Gender Studies

Note

* Community-engagement designated courses

Psychology

The major in psychology is a four-year program leading to a Bachelor of Science degree. Students majoring in psychology are introduced to a spectrum of psychological theories, experiments and problems within the context of a liberal arts college. Although there is considerable breadth in the Department of Psychology's course offerings, an orientation embracing both research and application is emphasized. Psychology majors having earned their Bachelor's degrees are prepared for many different endeavors. For example, they may pursue further study at the graduate level; become involved with the work of counseling centers, elementary and secondary schools, or youth authority facilities; earn a credential in early childhood education and/or in special education; or pursue a career in human resource management. Psychology is also an excellent preparation for careers in law, medicine or business.

Faculty

Emily Hause, PhD, Professor, Chair
Mark S. Barajas, PhD, Assistant Professor
Lynnyonne D. Cotton, PhD, Associate Professor
Elena A. Escalera, PhD, Professor
José A. Feito, PhD, Professor
James McCauley, PhD, Assistant Professor
Hiroko Nakano, PhD, Professor
Keith H. Ogawa, PhD, Professor
Makenzie O'Neil, PhD, Assistant Professor
Sara K. Stampp, PhD, Professor
James A. Temple, PhD, Professor
Mary True, PhD, Professor Emeritus
Hoang J. Vu, PhD, Professor
Paul Zarnoth, PhD, Associate Professor

Learning Outcomes

Upon completion of the requirements for the bachelor of science degree in psychology, students will be able to:

DEMONSTRATE knowledge of and be able to critically analyze the theoretical approaches, research findings, and historical trends in psychology.

UNDERSTAND multiple research methods and statistical tools and be able to use them to design research and collect, analyze, and interpret data, as well as proficiently write a research report using standard APA format.

DEMONSTRATE an understanding of the multiple ways gender, culture, age, and sexual orientation affect psychological processes (e.g., perception, memory, learning, affect, social behavior, and development).

APPLY psychological theory and research to real-world problems and issues.

Full Credit Course Requirement

All course requirements for the Psychology major must be met by full credit courses. In other words, .25 and .50 credit courses may not be used to fulfill course requirements in the Psychology major.

Course Prerequisites and Requirements

A minimum grade of C- in all prerequisites is required for admission to all courses. Prerequisites may be waived at the discretion of the instructor.

Transfer Credit in Psychology

Students already enrolled at Saint Mary's College who wish to transfer credit for an off-campus psychology course other than PSYCH 001 must submit a formal petition to do so to the chair of the Psychology Department before enrolling in the course.

Concentrations

In addition to general psychology, there are four major concentrations in the Department of Psychology. A student may elect to follow any one of these programs for a bachelor of science degree:

General Psychology, BS

Psychology Core Curriculum

Intended to give breadth and scope of the discipline, all psychology majors are required to fulfill the following four courses:

PSYCH 001 - Introduction to Psychology
PSYCH 003 - Psychological Methods and Analysis I
PSYCH 103 - Psychological Methods and Analysis II
PSYCH 110 - Psychobiology

Upper Division

For the student who wants a general education in psychology, a sequence of upper-division courses in addition to the psychology core curriculum is offered which must include:

One of

PSYCH 126 - Sensation and Perception
PSYCH 127 - Cognitive Science
PSYCH 128 - Neuropsychology
PSYCH 129 - Cognitive Neurolinguistics

Two of

PSYCH 140 - Human Development
PSYCH 150 - Personality Psychology
PSYCH 160 - Social Psychology

One of

PSYCH 100 - Seminar in Psychology
PSYCH 106 - Experimental Research
PSYCH 190 - Field Placement

Psychology Electives

Six Psychology electives, five of which must be upper-division courses.

Psychology, Behavioral Neuroscience Concentration, BS

Psychology Core Curriculum

Intended to give breadth and scope of the discipline, all psychology majors are required to fulfill the following four courses:

PSYCH 001 - Introduction to Psychology
PSYCH 003 - Psychological Methods and Analysis I
PSYCH 103 - Psychological Methods and Analysis II
PSYCH 110 - Psychobiology

Upper Division

For the student with an interest in the biological bases of behavior, a sequence of courses in addition to the psychology core curriculum which must include:

PSYCH 106 - Experimental Research

Two of the following:

PSYCH 126 - Sensation and Perception
PSYCH 127 - Cognitive Science
PSYCH 128 - Neuropsychology
PSYCH 129 - Cognitive Neurolinguistics

Two of the following:

PSYCH 140 - Human Development
PSYCH 150 - Personality Psychology
PSYCH 160 - Social Psychology

Additional Requirements

- One Biology course with a lab
- One Chemistry course with a lab
- MATH 027 - Calculus I OR equivalent
- Any two upper-division Psychology electives

Psychology, Child/Adolescent Development Concentration, BS

Psychology Core Curriculum

Intended to give breadth and scope of the discipline, all psychology majors are required to fulfill the following four courses:

PSYCH 001 - Introduction to Psychology
PSYCH 003 - Psychological Methods and Analysis I
PSYCH 103 - Psychological Methods and Analysis II
PSYCH 110 - Psychobiology

Upper Division

For the student interested in working with individuals in educational or social service settings, a sequence of upper-division courses in addition to the psychology core curriculum is offered which must include:

PSYCH 140 - Human Development AND
PSYCH 142 - Adolescent Development

One of the following:

PSYCH 126 - Sensation and Perception
PSYCH 127 - Cognitive Science
PSYCH 128 - Neuropsychology
PSYCH 129 - Cognitive Neurolinguistics

One of the following:

PSYCH 150 - Personality Psychology
PSYCH 160 - Social Psychology

One of the following:

PSYCH 100 - Seminar in Psychology
PSYCH 106 - Experimental Research
PSYCH 190 - Field Placement

Three of the following:

At least one of which must be PSYCH 141 or PSYCH 144

PSYCH 141 - Infancy and Childhood
PSYCH 143 - Adult Development
PSYCH 144 - Middle Childhood
PSYCH 147 - Psychology of Gender
PSYCH 148 - The Exceptional Individual
PSYCH 165 - Cross-Cultural Psychology
PSYCH 168 - Topics on Culture, Race, and Ethnicity in Psychology
PSYCH 174 - Psychology of the Family

Two additional upper-division psychology electives

Psychology, Clinical/Counseling Concentration, BS

Psychology Core Curriculum

Intended to give breadth and scope of the discipline, all psychology majors are required to fulfill the following four courses:

PSYCH 001 - Introduction to Psychology
PSYCH 003 - Psychological Methods and Analysis I
PSYCH 103 - Psychological Methods and Analysis II
PSYCH 110 - Psychobiology

Upper Division

For the student interested in clinical/counseling psychology or social work, a sequence of upper-division courses in addition to the psychology core curriculum is offered which must include:

PSYCH 140 - Human Development
PSYCH 152 - Psychopathology
PSYCH 170 - Theories of Counseling
PSYCH 174 - Psychology of the Family

- One additional upper-division psychology elective.

One of the following:

PSYCH 163 - Prejudice and Stereotyping
PSYCH 165 - Cross-Cultural Psychology
PSYCH 168 - Topics on Culture, Race, and Ethnicity in Psychology

One of the following:

PSYCH 150 - Personality Psychology
PSYCH 160 - Social Psychology

One of the following:

PSYCH 126 - Sensation and Perception
PSYCH 127 - Cognitive Science
PSYCH 128 - Neuropsychology
PSYCH 129 - Cognitive Neurolinguistics

One of the following:

PSYCH 100 - Seminar in Psychology
PSYCH 106 - Experimental Research
PSYCH 190 - Field Placement

One of the following:

The sequence must also include one of the following courses:

PSYCH 104 - Special Topics in Assessment and Testing
PSYCH 147 - Psychology of Gender
PSYCH 148 - The Exceptional Individual
PSYCH 157 - Human Sexualities

Psychology, Social Psychology Concentration, BS

Psychology Core Curriculum

Intended to give breadth and scope of the discipline, all psychology majors are required to fulfill the following four courses:

PSYCH 001 - Introduction to Psychology
PSYCH 003 - Psychological Methods and Analysis I
PSYCH 103 - Psychological Methods and Analysis II
PSYCH 110 - Psychobiology

Upper Division

For the student interested in community or organizational psychology, a sequence of upper-division courses in addition to the psychology core curriculum is offered which must include:

PSYCH 160 - Social Psychology

One of the following:

PSYCH 140 - Human Development
PSYCH 150 - Personality Psychology

One of the following:

PSYCH 126 - Sensation and Perception
PSYCH 127 - Cognitive Science
PSYCH 128 - Neuropsychology
PSYCH 129 - Cognitive Neurolinguistics

One of the following:

PSYCH 100 - Seminar in Psychology
PSYCH 106 - Experimental Research
PSYCH 190 - Field Placement

Four of the following courses:

PSYCH 105 - Advanced Psychological Statistics
PSYCH 115 - Health Psychology
PSYCH 147 - Psychology of Gender
PSYCH 157 - Human Sexualities
PSYCH 163 - Prejudice and Stereotyping
PSYCH 165 - Cross-Cultural Psychology
PSYCH 168 - Topics on Culture, Race, and Ethnicity in Psychology
PSYCH 169 - Attitudes and Attitude Change
PSYCH 172 - Groups, Organizations and Societies
PSYCH 180 - Organizational Psychology

Two of which must be:

PSYCH 163 - Prejudice and Stereotyping
PSYCH 165 - Cross-Cultural Psychology
PSYCH 168 - Topics on Culture, Race, and Ethnicity in Psychology
PSYCH 169 - Attitudes and Attitude Change
PSYCH 172 - Groups, Organizations and Societies
OR
PSYCH 180 - Organizational Psychology

Two additional full-credit psychology electives

Psychology Minor

Minor Requirements

The minor in psychology requires

PSYCH 001 - Introduction to Psychology
PSYCH 003 - Psychological Methods and Analysis I

- Four upper-division courses.

Note

Minors may fulfill only one upper-division course off-campus.

Sociology

In the Sociology Department you'll learn to better understand the sometimes confusing nature of human social life. How is social life possible? What do patterns of social life tell us about the world? What is the relationship of the individual to the social order?

In the words of sociologist C. Wright Mills, sociology requires that we exercise our "sociological imagination." That is, we must understand how the issues in the lives of individuals are also the issues of the larger society. We can't understand the individual without understanding society and we can't understand society without understanding the individual. This implies that sociology is deeply personal. We seek to understand society, but in doing so we learn much about ourselves.

Sociology addresses the most pressing social issues in contemporary society: racial and ethnic tensions, gender inequality, poverty, health and illness, social movements, crime and deviance, educational inequality, immigration, globalization and problems in urban environments, just to name a few. Sociologists study everything from the social dynamics of two people in conversation to the social dynamics of political revolutions.

Sociology provides students with a theoretical framework with which to help make sense of an increasingly complex world and the place of the individual within that world. Sociology also provides students with specific methodological tools to investigate the social world and to collect and analyze data about the world we live in.

The sociology major develops research skills, analytical skills and communication skills that are well-suited to students interested in careers in teaching, public and mental health, law, counseling, social work, the criminal justice system, public policy, marketing, journalism and the non-profit sector.

Faculty

Robert Bulman, PhD, *Professor, Chair*
Zeynep Atalay, PhD, *Associate Professor*
Nicole M. Brown, PhD, *Assistant Professor*
John Ely, PhD, *Associate Professor*
Phylis Martinelli, PhD, *Professor Emerita*

Learning Outcomes

When students have completed the sociology program they will be able to:

UNDERSTAND sociological theory and methods and be able to apply theoretical explanations to empirical examples.

RESEARCH and analyze a sociological topic using the appropriate library resources.

WRITE research papers with a clear thesis statement, sufficient support for that thesis, and in accordance with the standards of the American Sociological Association.

EXERCISE their sociological imagination in order to reflect upon questions of personal and social responsibility in a complex and changing society.

APPLY sociological knowledge as they engage with the community beyond the academy.

EMPLOY critical reading, thinking, and writing skills as they research, analyze, and report on a social issue in a way that incorporates what they have learned on a topic of their own choosing.

Prerequisite Grade

A minimum acceptable grade of C- is required for coursework to count toward a minor or the major.

Sociology, BA

The sociology major is composed of 13 lower- and upper-division courses.

Lower Division

SOC 002 - Introduction to Sociology
SOC 004 - Social Problems
MATH 004 - Introduction to Probability and Statistics

Upper Division

SOC 101 - The Sociological Imagination
SOC 130 - Sociological Theory

SOC 132 - Sociological Research Methods

- Seven additional upper-division courses.

Sociology Minor

The minor in sociology requires two lower-division courses

Lower Division

SOC 002 - Introduction to Sociology
SOC 004 - Social Problems AND

- Four upper-division sociology electives.

Theology & Religious Studies

Religion is a fundamental dimension of human life: vital, pervasive, richly complex, and multi-faceted. Its traditions, values, beliefs, and practices form the basic categories of meaning for both individuals and cultures. It helps us to ask and answer essential questions about our relationship to God, self, others, and the world.

While the discipline of Theology approaches religion from the perspective of faith, rather than fully embrace Anselm's definition of theology as "faith seeking understanding," a definition that has faith as its starting point, in the academic classroom, we invite students from all faiths and none to explore the meaning, implications, and challenges of faith. As such, one does not need to be a believer to be a theologian or to engage in the disciplined study of theology. Still, as integral to this science, all are invited to explore and wrestle with theology's perennial questions such as: What is the nature of God? How is this revealed to us? What does it mean to believe in God? And ultimately, how should we then live?

The discipline of Religious Studies approaches the human phenomenon of religion from a scholarly and critical standpoint that is more descriptive and anthropological than the normative and confessional nature of the theological quest with its focus on the divine and transcendent. It uses the tools and methods of various disciplines in the humanities and social sciences to investigate religions, separately and in comparison, as well as analyze religious phenomena in general to discover how religion and religious belief affect the fundamental experiences of meaning for cultures and persons. While many scholars of religion draw clear lines between their discipline and theology as they bracket questions of religious truth in an attempt to remain neutral and unbiased, many theologians find themselves greatly indebted to the foundational work of religious studies, and theologians often move easily between the disciplines. Both disciplines explore the challenging question: What counts as "religion"?

We offer courses that systematically and critically analyze a wide range of theological perspectives and ethical questions that are central in the formation of religious identity. As an integral part of the Catholic mission of Saint Mary's College, we strive to provide students with an opportunity to know and intimately understand the Catholic tradition in all its richness and fullness: biblically, historically, theologically, ethically and aesthetically. We also offer courses in a wide array of world religions since it is crucial that future leaders and responsible citizens have an understanding of the ideologies and faiths of their dialogue partners.

Furthermore, the exploration of these essential questions occupies an important place in a liberal arts education which seeks to expand the mind and guide students to a deeper level of understanding. Our offerings continually charge students to think for themselves, to challenge preconceived notions and to remain open to learning from the perspectives of others. As part of our Lasallian heritage and our understanding of what it means to be a person in light of God's love and grace, revealed especially in Jesus Christ, we join with the Christian Brothers in being concerned for the whole person and in fostering a genuine concern for justice in the world while integrating faith and service.

Faculty

Thomas J. Poundstone, PhD, *Associate Professor, Chair*
Michael Barram, PhD, *Professor*
Anne Carpenter, PhD, *Assistant Professor*
Father David Gentry-Akin, STD, *Professor*
David Zachariah Flanagan, PhD, *Professor*

Paul Giurlanda, PhD, Professor
Marie Pagliarini, PhD, Associate Professor
Norris Palmer, PhD, Professor

The Theology & Religious Studies (**TRS**) Department plays a key role in the educational experience at Saint Mary's College, offering not only a major and two minor courses of study, but also participating extensively in the College's core curriculum-by providing courses designed to meet the Theological Understanding goal of the core curriculum. As part of the process of serious academic study, members of the department hope that, in addition to meeting specific core requirements, students will join us in taking pleasure in the study of theology and religion as they learn to converse insightfully and respectfully about it. Moreover, we hope that students will develop an appreciation for the depth and breadth of the Christian tradition while gaining an increasing awareness both of the mystery of life and of themselves as called by that mystery.

Learning Outcomes for Theology & Religious Studies Majors

Majors in Theology & Religious Studies Will:

Core Curriculum

1. **MEET** the outcomes for both "Christian Foundations" and "Theological Explorations" of the SMC Core Curriculum.

Major Content

2. **DEMONSTRATE** an understanding of the biblical, theological, historical, and ethical components of the Christian tradition.
3. **DEMONSTRATE** an understanding of the implications of the Catholic concept of the fundamental dignity of the human person.
4. **DEMONSTRATE** an understanding of the worldview (e.g., beliefs, practices, etc.) of a non-Christian religious tradition.

Major Skills

5. **DEMONSTRATE** an ability to employ contemporary theories and methods of biblical exegesis, systematic theology, and religious studies.
6. **DEMONSTRATE** an ability to explain, analyze, and evaluate multiple informed perspectives in debates about theological and ethical issues.

Prerequisite Grade

TRS 097 (or its junior transfer equivalent, TRS 189) is a prerequisite for any upper-division theology and religious studies course; however, only a passing grade in TRS 097 (or TRS 189) is required, not a minimum grade of C-.

Theology & Religious Studies, BA

The major in Theology & Religious Studies requires a minimum of ten courses, including the following:

Lower Division

TRS 097 - The Bible and Its Interpretation OR its transfer equivalent,
TRS 189 - The Bible and Its Interpretation: Great Themes

Upper Division

TRS 129 - Foundations of Theology
TRS 179 - Theory and Method in the Study of Religion

One course, selected with guidance of one's faculty advisor, from each of the following four areas:

Christian History:

TRS 101 - Origins of Christianity
TRS 102 - Medieval Christianity
TRS 103 - Reformations

OR

TRS 180 - Intensive Inquiry in Christian History

Gospel Exegesis:

TRS 114 - The Gospel of Mark
TRS 115 - Jesus and His Teaching

OR

TRS 181 - Intensive Inquiry in Scripture (by petition when focused on the gospels)

Ethics:

TRS 141 - Christian Ethics
TRS 142 - Medical Ethics
TRS 143 - Catholic Social Teaching

OR

TRS 184 - Intensive Inquiry in Ethics

World Religions and Method:

TRS 153 - Eastern Religions
TRS 154 - Hinduism
TRS 155 - Buddhism
TRS 156 - Religions of India

OR

TRS 185 - Intensive Inquiry in World Religions

Two Intensive Inquiry courses, at least one of which must be designated as WID (Writing in the Disciplines):

TRS 180 - Intensive Inquiry in Christian History
TRS 181 - Intensive Inquiry in Scripture
TRS 182 - Intensive Inquiry in Systematic Theology
TRS 183 - Intensive Inquiry in Sacraments and Spirituality
TRS 184 - Intensive Inquiry in Ethics
TRS 185 - Intensive Inquiry in World Religions
TRS 186 - Intensive Inquiry in Religion and the Arts
TRS 187 - Intensive Inquiry in Religion and Culture

Catholic Tradition Minor

Minor Requirements

The Theology & Religious Studies Department also offers a focused minor in the "Catholic Tradition." Six courses are required:

TRS 097 - The Bible and Its Interpretation OR its transfer equivalent,
TRS 189 - The Bible and Its Interpretation: Great Themes

Two of the following three courses, preferably in sequence:

TRS 101 - Origins of Christianity
TRS 102 - Medieval Christianity
TRS 103 - Reformations
TRS 141 - Christian Ethics
OR
TRS 143 - Catholic Social Teaching AND

- Two electives from a list of classes focusing on the Catholic tradition.

Theology & Religious Studies Minor

Minor Requirements

The minor in Theology & Religious Studies requires five courses:

TRS 097 - The Bible and Its Interpretation OR its transfer equivalent,
TRS 189 - The Bible and Its Interpretation: Great Themes

TRS 129 - Foundations of Theology
OR
TRS 179 - Theory and Method in the Study of Religion

And any three upper-division courses selected with the guidance of the Chair,

one of which must be an Intensive Inquiry course (TRS 180-TRS 187).

Women's and Gender Studies

Women's and Gender Studies asks fundamental questions about human existence: Are women and men born or made? Do those categories adequately express gender identity and how do we understand femininities and masculinities throughout history? How does intersectionality-racial, ethnic, class, sexual identity-affect the experience of gender? What structures and social forces are involved in shaping our ideas about gender? An interdisciplinary program that invites students to take classes in anthropology, sociology, history, literature, politics and other disciplines, Women's and Gender Studies challenges students to question what is "natural" about gender identities and roles in society; to examine the origins of such views and how they have changed over time; and to analyze how race and class intersect with sexualities and gender to construct modern society and popular culture. The program focuses on uncovering the contributions women have made to society through history and how they have envisioned social justice and the common good. True to its roots in social movements that fought for equality, Women's and Gender Studies seeks to understand how systems of oppression function and how different groups respond to and resist injustice at home and abroad. To that end, the program teaches students to think deeply, to read critically, to write clearly, and to speak convincingly. Furthermore, Women's and Gender Studies prepares students to be agents of change who take community responsibility and social justice seriously, offering them multiple opportunities to engage in service learning and similar projects. Thus the program fulfills its mission of educating the whole person for the complexities of a globalizing world.

Women's and Gender Studies courses are interdisciplinary in nature, cross-listed with a range of departments including but not limited to anthropology, biology, communication, English, ethnic studies, history, performing arts, politics, psychology, sociology, Spanish, theology and religious studies.

Advisory Board

Myrna Santiago, PhD, *History, Women's and Gender Studies, Director*

Zeynep Atalay, PhD, *Sociology*

Monica Fitzgerald, PhD, *Justice, Community & Leadership*

Emily Klein, PhD, *English*

Jennifer Heung, PhD, *Anthropology*

Molly Metherd, PhD, *English*

David Quijada, PhD, *Ethnic Studies*
Alvaro Ramirez, PhD, *Ethnic Studies*
María Luisa Ruiz, PhD, *Global and Regional Studies*
Scott Schönfeldt-Aultman, PhD, *Communication*
Sharon Sobotta, *Director of the Women's Resource Center*
Aeleah Soine, PhD, *History*
Denise Witzig, PhD, *Women's and Gender Studies*

Faculty Affiliates

Shawny Anderson, PhD, *Communication, Associate Dean of Liberal Arts*
Catherine Davalos, MFA, *Performing Arts*
Rebecca Engle, MA, *Performing Arts*
Jose Feito, PhD, *Psychology*
Rosemary Graham, PhD, *English*
Jeannine King, PhD, *English*
Kathryn Koo, PhD, *English*
Gretchen Lemke-Santangelo, PhD, *History*
Patrizia Longo, PhD, *Politics*
Hilda Ma, PhD, *English*
Lisa Manter, PhD, *English*
Marie Pagliarini, PhD, *Theology and Religious Studies*
Cynthia Van Gilder, PhD, *Anthropology*
Claire Williams, PhD, *Kinesiology*

Learning Outcomes

When students have completed a minor or major in the Women's and Gender Studies Program, they will be able to:

IDENTIFY and understand assumptions and arguments about gender, race, class, and sexuality in scholarly, popular, public, and interpersonal discourses.

EVALUATE diverse theories of feminism and debates about gender.

DIFFERENTIATE among complex and diverse points of view regarding gender, race, class, and sexuality in a variety of academic fields.

WRITE clear and well-reasoned prose employing appropriate methods of research in the field.

ENGAGE in Social Justice Praxis, including intellectual or social advocacy locally or globally.

Split Majors

Split majors combine work in Women's and Gender Studies and another academic department or program. A split major must be approved by the chairs or directors of both departments. This major ordinarily comprises nine upper-division courses (six in one field and three in another), in addition to the lower-division prerequisites in WGS (ie., WGS 001) and the other department. All split majors in WGS must complete the four core courses (WGS 001, WGS 107, WGS 177, WGS 196).

Women's and Gender Studies, BA

The major requires 12 courses. Four are core courses in Women's and Gender Studies:

Lower Division

WGS 001 - Introduction to Women's and Gender Studies

Upper Division

Eight are upper-division electives cross-listed with Women's and Gender Studies.

WGS 107 - Research Seminar in Women's and Gender Studies

Note

WGS majors and minors satisfy degree requirements through an interdisciplinary combination of WGS core courses and courses on gender in a variety of departments and programs. Majors have two options: a) a concentration in either social sciences or humanities, with the majority of courses in one of those disciplines; or b) a balanced distribution of courses, four and four, in social sciences and humanities. Students must take at least two courses each from social sciences and humanities. At least one course must focus on gender issues from transnational perspectives or ethnically and racially diverse U.S. communities. One cross-listed January Term course may be petitioned for credit. Women's and Gender Studies students may also design a double or split major with another discipline, with the approval of the director of Women's and Gender Studies and the chair of the other department.

Women's and Gender Studies Minor

The minor requires six classes:

Minor Requirements

WGS 001 - Introduction to Women's and Gender Studies
WGS 107 - Research Seminar in Women's and Gender Studies
WGS 177 - Feminist and Gender Theories

- Three upper-division electives cross-listed with Women's and Gender Studies. No more than two courses may be in a single discipline; one must focus on non-Western, Third World, or minority U.S. women.

World Languages and Cultures

Our language programs play a fundamental role in the College's mission to educate for a global community. We encourage students to become actively engaged learners of diverse cultural traditions and global perspectives through the study of world languages, literatures, and cultures.

The programs in the Department of World Languages and Cultures emphasize language proficiency, analysis of different kinds of complex texts, cross-cultural competence, and study abroad. This preparation allows students to use their language, critical thinking skills and artistic literacy in various professional fields. Linguistic and cultural competency in a second language also allows students to participate more fully in local and international communities, enjoying a richness of life that goes beyond national boundaries.

Saint Mary's College proposes that all of its graduates should have knowledge and understanding of another culture and its language (see below, language proficiency requirement). To this end, the department has created a lower-division curriculum whose learning outcomes meet criteria established by the American Council on Teaching of Foreign Languages (ACTFL). All students will demonstrate intermediate language skills-listening, speaking reading and writing-in the target language. Instruction balances a solid grammatical foundation with practical training, including exposure to culture and geography, in both classroom and multimedia settings.

The Department of World Languages and Cultures offers courses in French, German, Italian, Japanese, and Spanish. Students can pursue a major in Spanish or French, and/or a minor in French, Spanish, East Asian Studies, German Studies or Italian Studies. Students interested in foreign language study are encouraged to explore the options of a major in Spanish or French; a double major in a foreign language and another discipline; a language minor to complement a major in another academic area; or a language studies minor. Additionally there are many natural links between the department's course offerings and those of other departments with the same goal of global learning, such as Global and Regional Studies and History.

We strongly encourage our students to study abroad for a semester or more. Students can choose from SMC sponsored programs in China, France, Germany, Italy, Japan, Mexico, and Spain, or from many other international centers through Lasallian exchanges and independent programs.

Furthermore, proficiency in a second language is the natural complement to the local and international internships described in the internship database available through the department's website. We support our students as they apply their cultural knowledge through internships related to their language of study. Students who secure an internship gain valuable work experience, enhance their professional skills, and lay the groundwork for their future careers.

We strive to prepare our students with the communicative skills necessary to participate successfully in an increasingly globalized working environment that asks for culturally knowledgeable, multilingual citizens.

Faculty

Claude-Rhéal Malary, PhD, *Associate Professor, Chair*
David Bird, PhD, *Professor*
Costanza G. Dopfel, PhD, *Professor*
Joan U. Halperin, PhD, *Professor Emerita*
Helga Lénárt-Cheng, PhD, *Associate Professor*
Brother Michael Murphy, PhD, *Visiting Associate Professor*
Alvaro Ramirez, PhD, *Professor*
María Luisa Ruiz, PhD, *Associate Professor*
Lori Spicher, PhD, *Associate Professor*
Frances Sweeney, PhD, *Professor*
Maureen Wesolowski, PhD, *Professor Emerita*

Programs Offered

The Department offers a major in French and Spanish, and a minor in East Asian Studies, French, German Studies, Italian Studies, or Spanish. In addition to a program of study for students who wish to major or minor in language, the Department of World Languages and Cultures plays a key role in the educational experience of all Saint Mary's students through the language requirement of the Core Curriculum.

Saint Mary's College Language Requirement

Learning Outcomes for the Language Requirement

After completing levels 1-3, students will be able to:

UNDERSTAND and **PRODUCE** speech in a variety of personal and social contexts; initiate and sustain conversations about multiple topics in the past, present and future tenses.

READ and **COMPREHEND** texts with varied subject matter, multiple points of view and verb tenses.

WRITE prose that includes description and narration on a variety of topics with appropriate vocabulary;

PROVIDE interpretations and supporting ideas.

EXHIBIT understanding and demonstrate knowledge of cultural, geographical, historical and sociopolitical aspects of other societies.

DEMONSTRATE an ability to see the world from multiple perspectives and become aware of themselves as members of the global community.

Language Placement Exam

Incoming students are strongly encouraged to take the Foreign Language Placement Exam unless they have successfully completed three years of the same language during high school with a grade point average of 3.0 or higher each term. The placement exam should be taken online at stmarys-ca.edu/orientation prior to attending orientation. Students should contact the Language Placement and Proficiency Coordinator who will assist them with access to the online exam. Students may take the placement exam once during each academic year and results are valid for one academic year. For placement in all other languages, students must contact the Placement and Proficiency Coordinator in the Department of World Languages and Cultures.

Advanced Placement Credit

Students who have taken the AP exam in language and had a score of 3 receive course credit for level 3. For a score of 4, a student receives credit for levels 3 and 4. For a score of 5, a student receives credit for levels 4 and 9 or 10. Native speakers of Spanish who did not take the AP language exam are required to take SPAN 009. Students who have taken the AP exam in literature should consult the Placement and Proficiency Coordinator for appropriate placement.

French Studies

Major Requirements for French Studies

The French Studies major cultivates skills in research, analysis and cross-cultural communication that are essential to a lifetime of intellectual engagement and a wide variety of careers. Students in French Studies can pursue one of two options. Option A is a program for students who wish to study French but may not plan to continue to graduate school (although it does not preclude further study at the graduate level). Option B is an Honors major program for students intending to continue the study of French at graduate level. For the Honors option, a GPA of at least 3.0 in the major is required, as is the recommendation of two instructors.

Learning Outcomes for the Major in French Studies

DEMONSTRATE career-ready proficiency in all language modalities (speaking, writing, listening, reading) for a variety of purposes and a range of content and context

DEMONSTRATE knowledge of literary texts and traditions across time, including major literary and intellectual movements, genres, writers and works, and ability to discuss and analyze literary texts from a variety of media

DEMONSTRATE knowledge of several French-speaking cultures across time and geography, and ability to articulate an understanding of global perspectives, practices and products of those cultures

ARTICULATE a critical analysis of artifacts and phenomena within the above-mentioned areas of content and cultural knowledge

Split Major with French

The split major in which French is the predominant field of study requires FREN 001, FREN 002, FREN 003, FREN 004, FREN 005, FREN 015 (.25), FREN 100, FREN 101, FREN 196 (.25) and four electives. The split major in which French is not the predominant field requires FREN 001, FREN 002, FREN 003, FREN 004, FREN 005, FREN 015 (.25), FREN 100, FREN 101, FREN 196 (.25) and three electives.

Spanish and Latin American Studies (SaLAS)

Major Requirements for Spanish and Latin American Studies (SaLAS)

In addition to preparing students for a number of careers, the major in Spanish and Latin American Studies (SaLAS), assists students who wish to pursue graduate education. The program of study is

vibrant, flexible, challenging, and engaging. The SaLAS concentration cultivates skills in communication, research, and analysis that are essential to a lifetime of intellectual engagement with the language, cultures and literatures of Spain and Latin America, and of Latinos in the United States. The courses required for the major fall into three broad categories: Hispanic Literary Studies, Hispanic Linguistic Studies, and Hispanic Cultural Studies.

The courses in Literary Studies offer students knowledge of the literatures and cultures of the Spanish-speaking world while achieving competency in the language. Students completing these courses will study the rich literary and cultural texts and traditions of Spain, the Americas, and the Caribbean. They will discuss major literary and intellectual movements, genres, and writers. As they do so, they will learn about history, politics, human rights, social activism, and gender roles through the

lens of fictional and non-fictional characters, including the voices of writers who represent diverse class, gender, and ethnic backgrounds.

The courses in Hispanic linguistics offer students who are interested in the study of the linguistic fields of the Spanish language an increased understanding of language use and change. They provide excellent preparation for those whose career goals include graduate study in language and linguistics, and those aspire to work in education, teaching, interpretation, and translation. They are also designed for those who wish to combine language study for the professions with another discipline (e.g., Education, Health Sciences and Psychology, Business, Justice, Community and Leadership).

The courses in Hispanic Cultural Studies are tailor-made for students interested in gaining a multidisciplinary understanding of the culture, languages and artistic artifacts of the Spanish-speaking world. From a variety of perspectives and through the use of diverse analytical tools, these courses provide students an understanding of the history, cultures, and contemporary issues of Latin America, including the presence of Latinos in the U.S. Literature, film, music, politics, art, and history, among others, are featured.

Learning Outcomes for SaLAS Major:

Students who complete this major will be able to:

Demonstrate a career-ready proficiency in all language modalities (speaking, writing, listening, and reading) for a variety of purposes and a range of content and contexts.

Develop an understanding of the linguistic nature of Spanish, including its primary fields (phonology, morphology, syntax, semantics, sociolinguistics and dialectology, language acquisition, second language pedagogy, and historical linguistics).

Demonstrate knowledge of Spanish and Latin American literary texts and traditions across time, including major literary and intellectual movements, genres, writers, and works; and discuss and analyze literary texts from a variety of sources.

Demonstrate knowledge of Hispanic cultures and communities across time and geography, and articulate an understanding of global perspectives, practices, and products of those cultures.

Split Major with Spanish

The split major in which Spanish is the predominant field of study requires SPAN 009/SPAN 089 or SPAN 010/SPAN 090; SPAN 011/SPAN 091; 6.25 upper-division courses which must include SPAN 101; SPAN 102; two of the following: SPAN 120, SPAN 121, SPAN 140, SPAN 141; two electives, and SPAN 196. The split major in which Spanish is not the predominant field requires SPAN 009/SPAN 089 or SPAN 010/SPAN 090; SPAN 011/SPAN 091; three upper-division courses, one of which must be SPAN 101 or SPAN 102; and SPAN 196.

Minors in World Languages and Cultures

Learning Outcomes for a Minor

Students graduating with a minor in East Asian Studies, French, Italian Studies, German Studies, or Spanish will be able to:

CONVERSE using the present, past and future tenses in everyday situations.

DEMONSTRATE satisfactory reading and writing skills.

ENGAGE the target culture through various disciplines, including politics, economics, anthropology, history, literature and art.

Prerequisite Grades

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Lower Division

FREN 001 - Elementary French
FREN 002 - Continuing Elementary French
FREN 003 - Intermediate French
FREN 004 - Continuing Intermediate French
FREN 005 - Introduction to French Studies
FREN 015 - Phonetics

Note

Students intending to major in French Studies must either take the courses mentioned above, or present evidence by examination or otherwise that their preparation includes the equivalent of said courses. FREN 015 is a .25 course in phonetics and pronunciation.

Upper Division

Upper-division course listings are rotated regularly to offer students the widest variety in the field. If needed, students may complete two of their upper-division courses in English, with the approval of a faculty member in French. A minimum of three upper-division courses/credits have to be taken on campus. One upper-division credit can be completed by taking FREN 106 - Advanced Conversation four times.

Option A:

A total of 7.25 courses distributed as follows:

FREN 100 - French Literary Perspectives
FREN 101 - Advanced French Syntax and Composition
FREN 196 - Capstone AND

- Five upper division electives

Honors Option B:

A total of 9.25 courses distributed as follows:

FREN 100 - French Literary Perspectives
FREN 101 - Advanced French Syntax and Composition
FREN 196 - Capstone
MODL 170 - Modern Critical Theory

- Six upper-division electives

Spanish and Latin American Studies, BA

Students will need 10.25 courses to complete the Spanish major. They must complete the following courses:

Lower Division

SPAN 009 - Spanish for Spanish Speakers

OR

SPAN 010 - Conversation & Composition

* Note: a student can be placed into any of these courses by placing at that level through the Avant proficiency exam (a minimum placement of intermediate low is required) or by scoring at appropriate level on the AP Spanish Language

and Culture or the AP Spanish Literature and Culture exam.

SPAN 011 - Introduction to Literature

* Note: This requirement (SPAN 011) may be satisfied by scoring a 5 on the AP Literature and Culture Exam. Please see placement coordinator for more information.

Upper Division

SPAN 102 - Advanced Writing and Research

SPAN 196 - Capstone (.25)

Two Courses in Hispanic Literary Studies

Literature Courses: SPAN 120, SPAN 121, SPAN 122, SPAN 127, SPAN 130, SPAN 140, SPAN 141, SPAN 143, SPAN 145, SPAN 150

Two Courses in Hispanic Linguistic Studies

Linguistics Courses: SPAN 100, SPAN 101, SPAN 103, SPAN 104, SPAN 131, SPAN 170

Two Courses in Hispanic Cultural Studies

Cultural Studies Courses: SPAN 132, SPAN 160, SPAN 161, SPAN 162

One additional elective course within the major.

Note: Some courses outside the SaLAS major can be petitioned for credit with approval of the chair.

East Asian Studies Minor

(Japanese Language)

The East Asian Studies Minor requires a total of 8.75 courses.

Lower Division

Lower division requirements include four full credit (1.0) courses and their partial credit (.25) praxis:

JAPAN 001 - Elementary Japanese

JAPAN 081 - Elementary Japanese Praxis (.25)

JAPAN 002 - Continuing Elementary Japanese

JAPAN 082 - Continuing Elementary Japanese Praxis (.25)

JAPAN 003 - Intermediate Japanese

JAPAN 083 - Intermediate Japanese Praxis (.25)

JAPAN 004 - Continuing Intermediate Japanese

JAPAN 084 - Continuing Intermediate Japanese Praxis (.25)

A minimum of one conversation course

JAPAN 006 - Beginning/Intermediate Conversation AND (.25)

One culture course

JAPAN 007 - Introduction to Japanese Culture (.25)

Upper Division

Upper division requirements include:

- Three full credit courses focusing on aspects of East Asian culture, literature, film, history, politics, art, music, etc. At least two upper-division courses must be taken within the Department of World Languages and Cultures.
- JAPAN 196 - Capstone (.25)

French Minor

The minor in French Studies requires a total of 10.75 courses, many of which are satisfied prior to entrance for those who have studied French prior to enrolling at Saint Mary's.

Lower Division

FREN 001 - Elementary French
FREN 002 - Continuing Elementary French
FREN 003 - Intermediate French
FREN 004 - Continuing Intermediate French
FREN 005 - Introduction to French Studies
FREN 015 - Phonetics

Upper Division

FREN 100 - French Literary Perspectives
FREN 101 - Advanced French Syntax and Composition
FREN 196 - Capstone AND

- Two upper-division electives

German Studies Minor

The German Studies minor requires a total of 8.75 courses.

Lower Division

Lower division requirements include four full credit (1.0) courses and their partial credit (.25) praxis:

GERM 001 - Elementary German
GERM 081 - Elementary German Praxis (.25)
GERM 002 - Continuing Elementary German
GERM 082 - Continuing Elementary German Praxis (.25)
GERM 003 - Intermediate German
GERM 083 - Intermediate German Praxis (.25)
GERM 004 - Continuing Intermediate German
GERM 084 - Continuing Intermediate German Praxis (.25)

AND a minimum of two conversation courses

GERM 006 - Beginning/Intermediate Conversation (.25)

Upper Division

Upper division requirements include:

Three full credit courses focusing on aspects of German culture, literature, film, history, politics, art, music, etc.
GERM 196 - Capstone(.25)

At least two upper-division courses must be taken within the Department of World Languages and Cultures.

Italian Studies Minor

The Italian Studies Minor requires a total of 8.75 courses.

Lower Division

Lower division requirements include four full credit (1.0) courses and their partial credit (.25) praxis:

ITAL 001 - Elementary Italian
ITAL 081 - Elementary Italian Praxis (.25)
ITAL 002 - Continuing Elementary Italian
ITAL 082 - Continuing Elementary Italian Praxis (.25)
ITAL 003 - Intermediate Italian
ITAL 083 - Intermediate Italian Praxis (.25)
ITAL 004 - Continuing Intermediate Italian
ITAL 084 - Continuing Intermediate Italian Praxis (.25)

And a minimum of two conversation courses

ITAL 006 - Basic Conversation (.25)
ITAL 060 - Italian Civilization for Travel Courses (.25)
ITAL 106 - Intermediate/Advanced Conversation (.25)

Upper Division

Upper division requirements include:

Three full credit courses focusing on aspects of Italian culture, literature, film, history, politics, art, music, etc.
ITAL 196 - Capstone(.25)

At least two upper-division courses must be taken within the Department of World Languages and Cultures.

Spanish Minor

Students will need 6 courses to complete the Spanish major. They must complete the following courses:

Lower Division

SPAN 009 - Spanish for Spanish Speakers

OR

SPAN 010 - Conversation & Composition

*Note: a student can be placed into any of these courses by placing at that level through the Avant proficiency exam (a minimum placement of intermediate low is required) or by scoring at appropriate level on the AP Spanish Language and Culture or the AP Spanish Literature and Culture exam.

SPAN 011 - Introduction to Literature

*Note: This requirement (SPAN 011) may be satisfied by scoring a 5 on the AP Literature and Culture Exam. Please see placement coordinator for more information.

Upper Division

SPAN 102 - Advanced Writing and Research

AND

Three upper-division 1-credit Spanish courses

To include courses in at least two areas: culture, linguistics, literature.

Literature Courses: SPAN 120, SPAN 121, SPAN 122, SPAN 127, SPAN 130, SPAN 140, SPAN 141, SPAN 150

Linguistics Courses: SPAN 100, SPAN 101, SPAN 103, SPAN 104, SPAN 131, SPAN 170

Cultural Studies Courses: SPAN 132, SPAN 160, SPAN 161, SPAN 162

Note

Note: Some courses outside the SaLAS major can be petitioned for credit with approval of the chair.

Certificate of Biliteracy: Spanish

By design, the Certificate of Biliteracy is inclusive, in that it embraces all learners and intends to provide equal access and expanded opportunity. The certificate is also designed to be consistent and accessible. It certifies attainment by students of intermediate-mid level or advanced-low level of proficiency in Spanish in addition to English. It is a recognition that promotes and validates bilingualism and biliteracy. It includes those who learned their language at home, those who learned it in a classroom, and those who did so through other experiences. It can be awarded to "Spanish as a foreign language" students who have become fluent, or to native Spanish speakers whose formal education has been in English and so seek to ensure academic recognition of the whole of their language skills. The certificate offers a flexible, accurate, and reliable standard by which to recognize language skills at levels that are meaningful for academic and workplace environments.

Who is the certificate for?

The certificate is independent from a SPAN major/minor but students who decide to be majors and minors can also receive one as they complete a major or minor.

Students from all Undergraduate majors across campus can obtain a certificate.

Students in KSOE getting multiple and single subject credential can get a certificate.

Certificate Program Requirements: Pathway to Completion

1. Take 3 courses in SaLAS, including SPAN 011 and at least one upper-division (UD) (with a grade point average of 2.8 across the three courses).
2. Take Avant proficiency exam administered by the placement and proficiency coordinator of the WLC. Exam costs 30 dollars per person.

Passing with **intermediate-mid** level proficiency (ACTFL standards) in all 4 modalities (reading, writing, speaking and listening). At this level, the candidate will receive a "FUNCTIONAL FLUENCY AWARD."

or

Passing with **advanced-low** level proficiency (ACTFL standards) in all 4 modalities (reading, writing, speaking and listening). At this level, the candidate will receive a "WORKING FLUENCY AWARD."

Qualifying test scores are valid for 12 months following the test date.

Purpose and Rationale

To recognize and value biliteracy and bilingualism as an academic outcome for our diverse population of students.

To prepare students across majors with 21st century skills in critical thinking, problem solving, and awareness of cultural diversity.

To recognize the value of Spanish language beyond the language requirement and to acknowledge the biliteracy skills of all students.

To cultivate skills in communication, research, and analysis that are essential for a lifetime of intellectual engagement in language, cultures, and literatures of Spain, Latin America, and Latinos in the United States.

To privilege and advocate for bilingual and bicultural fluidity as a societal and cultural necessity.

To certify the attainment of biliteracy, thus giving employers a way of identifying people with these skills, and hence giving students a competitive edge in the job market.

Teacher Education

The mission of the Kalmanovitz School of Education (KSOE) is to prepare teachers, administrators and counselors to be competent practitioners and agents for positive personal and social change. The Kalmanovitz School of Education is a student-centered learning community that inspires excellence and innovation in counseling, education, and leadership. Through the practice of shared inquiry, collaborative learning, and community engagement, we empower our students to lead change according to the principles of social justice and the common good.

Saint Mary's College of California was founded on the ideals of Saint John Baptist De la Salle, the patron saint of teachers. De la Salle believed that high-quality education should be made available to all, and the Teacher Education Department in the Kalmanovitz School of Education (KSOE) follows in his footsteps.

Through active and collaborative learning, we prepare students to be effective and innovative educators, to put the learner first, and to work toward the elimination of educational inequities based on race, ethnicity, culture, gender, social class, language, or disability.

For individuals who have completed a Bachelor's Degree we offer five different teaching credentials which can be completed in one year, including both college courses and student teaching (field placements).

Teaching Elementary or Middle School

Our [Preliminary Multiple Subject California Teaching Credential](#) program prepares teachers to work in K-8 schools, either as an elementary school teacher or as a teacher of core subjects in a middle school (teaching at least two subjects).

Teaching Middle School or High School

Our [Preliminary Single Subject California Teaching Credential](#) program prepares teachers for teaching in a designated subject area. We offer credentials in eight subject areas:

- Mathematics
- Science
- History-Social Science
- Art
- World Language
- Music

Teaching Students with Special Needs

Our [Preliminary Education Specialist \(Mild/Moderate\) California Teaching Credential](#) program prepares teachers to work in diverse settings with K-12 students with:

- Autism spectrum disorder
- Emotional disturbances
- Learning disabilities
- Mild-to-moderate intellectual disabilities
- Traumatic brain injury
- Other health impairments including Attention-Deficit Disorder (ADD) and Attention-Deficit/Hyperactivity Disorder (ADHD).

Teacher Education Programs

For undergraduate students, in partnership with the Justice, Community and Leadership (JCL) program, there are two undergraduate pathways leading to a teaching credential at Saint Mary's College.

JCL Integrated Special Education Teacher Education Preparation (INSTEP) The Saint Mary's College Integrated Special Education Teacher Preparation Program (INSTEP) prepares future K-12 educators in their undergraduate pathway to become educational specialists.

JCL Multiple Subject Teacher Education Concentration (MSTE) - The MSTE Integrated prepares future elementary classroom teachers. With a strong emphasis on inclusive pedagogy and social justice education, our integrated 4-year BA program emphasizes early placement experience, critical pedagogy, and research-based teaching practices.

Single Subject 4+1 Minor - Incoming first-year students and qualifying sophomores who are committed to becoming middle or high school teachers may declare this minor. This special program enables students to integrate education coursework and field experience in middle and high schools with their undergraduate course of study. With a major in the discipline they would like to teach (History, English, etc.), students will gain the critical framework and field experience necessary to be a transformative educator. Students proceed through the SS4+1 minor in a cohort with TFT and other Single Subject 4+1 minors, taking many of their minor courses and all of their field experience with other cohort members.

Please refer to the following link for more information on different pathways: stmarys-ca.edu/tft

Programs of Study

The Kalmanovitz School of Education offers coursework leading to basic teaching credentials, Master of Arts, and Master of Education.

Multiple Subject

- Preliminary Multiple Subject Credential
- Master of Arts in Teaching

Single Subject

- Preliminary Single Subject Credential
- Master of Arts in Teaching

Special Education

- Preliminary Mild/Moderate Education Specialist Credential
- Master of Education Degree
- Master of Arts in Teaching

Early Childhood Education

Master of Arts Degree
Master of Education Degree in Applied
Developmental Education

Montessori Education

Minor for undergraduate students in Montessori Thought
American Montessori Society Early Childhood Credential
American Montessori Society Elementary Education Credential
Master of Arts Degree
Master of Education Degree
Master of Arts in Teaching

The Kalmanovitz School of Education publishes a separate student handbook and catalog of courses describing its graduate programs. Please consult the KSOE website: stmarys-ca.edu/kalmanovitz-school-of-education

The Core Curriculum

The Core Curriculum

SMC Core Curriculum Requirements

Habits of Mind

Collegiate Seminar

SEM 001 - Critical Strategies and Great Questions
SEM 002 - Western Tradition I
SEM 102 - Western Tradition I for transfers * transfer students should take SEM 102 instead of SEM 001 and SEM 002.
SEM 103 - Western Tradition II
SEM 104 - The Global Conversation of the 20th and 21st centuries

English Composition

ENGL 004 - Composition
ENGL 005 - Argument and Research

Pathways to Knowledge

Artistic Understanding

2 full-credit courses designated as meeting the AA - Artistic Understanding (Analysis) learning outcomes

AND

At least .25 credits in a course designated as meeting the CP - Artistic Understanding (Creative Practice) learning outcomes

Mathematical Understanding

1 course designated as meeting the MU - Mathematical Understanding learning outcomes.

Scientific Understanding

1 course and associated laboratory designated as meeting the SU - Scientific Understanding (with Lab) learning outcomes.

Social, Historical, and Cultural Understanding

2 courses designated as meeting the SHCU - Social, Historical, and Cultural Understanding learning outcomes

Theological Understanding

1 course designated as meeting the CF - Christian Foundations learning outcomes

AND

1 course designated as meeting the TE - Theological Explorations learning outcomes

Engaging the World

American Diversity

1 course or experience designated as meeting the AD - American Diversity learning goal

Global Perspective

1 course or experience designated as meeting the GP - Global Perspectives learning goal

Community Engagement

1 course or experience designated as meeting the CE - Community Engagement learning goal

The Common Good

1 course or experience designated as meeting the TCG - The Common Good learning goal

January Term

One full-credit January Term course for each year of full-time attendance

Language Proficiency Requirement

Complete one of the following:

Successfully complete level 003 of any foreign or classical language taught at Saint Mary's
Complete three years of the same language in high school with a GPA of 3.0 (b) or higher each term
Score at least a 3 on the Advanced placement Exam in a second language
Achieve TOEFL score of 71 on the internet test or 527 on paper test (for international students who are non-native speakers of English)

School of Economics and Business Administration - Departments

School of Economics and Business Administration

Accounting

While confirming the discipline's technical content, the Department of Accounting also endeavors to present accounting as a liberal discipline. When discussing accounting rules and standards, the emphasis is given to fundamental underlying principles and the conceptual framework of the discipline. In explaining complex standards, the faculty consider the economic consequences of accounting rules and pronouncements. In all accounting courses, professors seek to strengthen students' skills of analysis, synthesis, and oral and written communication. In order to meet the 150-hour educational requirement set by California law, the department offers a Master of Science (MS) in Accounting degree program.

Faculty

Gregory Merrill, PhD, C.P.A., *Associate Professor, Chair*

Cathy Finger, PhD, *Associate Professor*

Kevin McGarry, PhD, *Associate Professor*

June Woo Park, PhD, *Assistant Professor*

Andreas Simon, PhD, *Assistant Professor*

Sankaran Venkateswar, PhD, C.P.A., *Associate Professor, Undergraduate Accounting Program Director*

Program Learning Outcomes

Graduates will be knowledgeable entry-level accountants.

Graduates will demonstrate an awareness of ethical issues.

Graduates will be effective communicators.

Internships

Students who want to combine study with practical experience in accounting should contact the program director and the SEBA internship coordinator in advance for information on a variety of opportunities available in both the private and public sectors. Academic course credit for internships may be available through enrollment in the Accounting Internship (ACCTG 195) course.

Prerequisite Grade

Any course listed in this department with a prerequisite requires a grade of C- or better in the prerequisite course.

Business Administration

The Undergraduate Business Program at Saint Mary's College is committed to preparing students for successful careers in a world of commerce that is ever-changing and increasingly complex. Students who major in Business Administration gain technical expertise in a liberal arts learning environment where intellectual inquiry, ethical sensitivity, and communication skills are nurtured by an accomplished and caring faculty. As a part of the School of Economics and Business Administration, the Undergraduate Business Program carefully adheres to the School's focus of "Think Globally, Lead Responsibly."

Saint Mary's Undergraduate Business Program offers an exciting curriculum, grounded in responsible leadership and global business. The general business program gives students an understanding of all functional areas of business. For those interested in an in-depth study of a particular discipline, the Undergraduate Business Program, also offers a variety of concentrations: Business Analytics, Digital Media, Entrepreneurship, Finance, Global Business, Intercultural-Interfaith Leadership, and Marketing. All of these programs prepare students for careers in business, including: financial analyst, business intelligence analyst, marketing manager, project manager, organizational and global business leader, social media analyst, and client services manager. Additionally, some students pursue graduate business degrees, law school or other graduate study.

Exciting opportunities for student engagement and development lie outside of the classroom. "Career Gateway" is a four-year professional development program with a wide variety of workshops including interviewing techniques, resume writing, cross-cultural skills, technologies, social media, and other seminars that prepare graduates for success.

SEBA Undergraduate Career Services offers career exploration, job search strategies, and resume/cover letter preparation for students. Internships are one of the best ways to gain valuable work experience during an undergraduate career with numerous opportunities to be pursued. Additionally, many business students engage in study abroad opportunities to expand

their global perspective and cultural awareness. Extracurricular engagement in SEBA student clubs and national honor societies give students leadership development experience and recognition.

Faculty

Ahmed Ahmadein, PhD, *Assistant Professor*
Berna Aksu, PhD, *Professor*
Marco Aponte, PhD, *Associate Professor*
Jyoti Bachani, PhD, *Associate Professor*
Norman S. Bedford, PhD, *Professor Emeritus*
David Bowen, PhD, *Professor Emeritus*

Caroline Burns, PhD, *Associate Professor, Organizational Behavior and Responsible Business Department Chair*
Kim Clark, PhD, *Associate Professor, Management Department Chair*
Jake Cowan, *Assistant Professor*
Barry Eckhouse, PhD, *Professor*
Noha Elfiky, PhD, *Assistant Professor*
Rui Guo, *Assistant Professor*
Michael Hadani, PhD, *Associate Professor*
James Hawley, PhD, *Professor Emeritus*
Linda Herkenhoff, PhD, *Professor*
Ameera Ibrahim, PhD, *Assistant Professor*
Jivendra Kale, PhD, *Professor*
Eric J. Kolhede, PhD, *Professor*
Nancy Lam, PhD, *Associate Professor*

Yuan Li, PhD, *Associate Professor*
Barbara A. McGraw, JD, PhD, *Professor*
Mary Alice McNeil, MA, *Adjunct, BUSAD Program Director*
Anh Nguyen, PhD, *Associate Professor*
Kevin Okoeguale, PhD, *Associate Professor, Finance Department Chair*
Wenting Pan, PhD, *Associate Professor, Business Analytics Department Chair*
Mina Rohani, PhD, *Assistant Professor*
Grant Rozenboom, *Assistant Professor*
Navid Sabbaghi, *Associate Professor*
Arnav Sheth, PhD, *Associate Professor*
Michal Strahelivitz, PhD, *Associate Professor*
Saroja Subrahmanyam, PhD, *Professor, Marketing Department Chair*
Jan Warhuus, PhD, *Assistant Professor*
Kelly Weidner, PhD, *Assistant Professor*
Lili Yan, PhD, *Assistant Professor*
Xiaotian Tina Zhang, PhD, *Professor*

Program Learning Outcomes

Graduates will be:

- Effective business analysts.
- Effective business communicators.
- Ethically conscious and socially responsible business people.
- Leaders who understand the impact of globalization.

Structure of the Business Programs

The business major consists of the Common Business Core plus either the requirements for General Business or the choice of one of the available Concentrations: Business Analytics, Digital Media, Entrepreneurship, Finance, Global Business, Intercultural-Interfaith Leadership, and Marketing.

Business Program in Brief

*Note: Common Business Core required courses are listed below under "Major Requirements"

Developing a Graduation Plan

Faculty Advising and Course Availability

Common Business Core courses are offered every semester and some courses are offered less frequently. Annual course offerings will be published on the website. Students must develop a graduation plan with their faculty advisors to schedule classes in order to complete their program of study.

Advising and Special Action Petitions

Successful completion of the Business major by the expected graduation date requires careful planning. Students are responsible for their own program plan, which includes meeting with their advisors to go over the students' plan for completion of their degree programs. Special accommodations to modify the program are unlikely (e.g., waiver of prerequisites or substitution of courses), but if permitted would require the approval of the Business Administration Program Director. Students may submit a Special Action Petition through the Registrar's Office for review by the BUSAD Program Director.

Prerequisites:

Students must finish all lower division Common Business Core courses before starting their general business or concentration required courses. Students must earn a C- or higher grade in all prerequisites. Also, students must pay careful attention to course prerequisites, which affect how courses must be sequenced. For example, to be eligible to take BUSAD 196, which is the Business program capstone course, students must have previously (not concurrently) completed all lower division Common Business Core courses, the SMC core curriculum math requirement (MATH 003 or MATH 027 is required), and at least BUSAD 123, BUSAD 124, and BUSAD 132.

Saint Mary's Business Program Residency Requirements:

The majority of the courses required for the major must be taken at Saint Mary's College. All concentration courses must be taken at Saint Mary's College, unless taken in conjunction with study abroad or taken as an elective and not to fulfill a concentration requirement.

Students may transfer credit for a maximum of two upper-division business courses.

Math Requirement:

Math is an SMC core requirement. The Business Department highly recommends that students complete this requirement (MATH 003, or MATH 013 and MATH 014, or MATH 027) before taking BUSAD 040; ACCTG 002; and ECON 004, and not later than the end of the sophomore year. This subject-area will provide necessary analytical tools for success in business courses and is a prerequisite for most upper- division BUSAD courses. Seniors will not be admitted into MATH 003. MATH 027 or MATH 013 and MATH 014 is required for Business Analytics concentration.

Major Requirements

Students must complete the "Common Business Core" and courses for either General Business or one of the following concentrations: Marketing, Finance, Entrepreneurship, Global Business, Business Analytics, Digital Media, or Intercultural-Interfaith Leadership.

The concentrations are designed for students motivated to explore critical business disciplines in greater depth, focus, and intensity for preparation for careers or graduate education in the field of the concentration. Students may choose to complete more than one concentration; however, doing so may require additional time beyond the usual four years.

Internships

Students who want to combine study with practical experience in business should contact the SEBA Undergraduate Career Services Office for information on a variety of opportunities available in both the private and public sectors. Course credit for internships may be available through enrollment in BUSAD 195 (1 credit or .25 credit) prior to beginning the internship.

Economics

Why do some countries prosper while others do not? Who benefit from increasing country wealth? How? These basic questions motivated the first economists some two centuries ago and continue to be at the core of what economists do. They have also gone far beyond the initial questions while seeking to explain a wide range of human behaviors. Modern economics has thereby become a practical, mature social science offering interesting career paths in business and government. The economic way of thinking about human behavior-as taught in our degree programs-also provides essential support to the College liberal arts mission and is a valued part of the educational experience offered at Saint Mary's.

The major in economics leads to either a Bachelor of Science (BS) or a Bachelor of Arts (BA) degree. The BS major is a quantitatively oriented program that provides excellent preparation for graduate studies and careers in economics or business administration. The BA major is a social science-oriented program that is ideal for students planning professional studies and/or careers in law, teaching, business or the public or nonprofit sectors.

The regular BA and BS degrees offer a wide range of choice regarding which courses to take in the junior and senior years. Under each degree option, students may, however, choose an interdisciplinary concentration focusing on international and development issues or the sustainability challenges facing growing economies. Students choosing one of these concentrations should consult their advisor as early as possible, and normally no later than the beginning of their junior year, to discuss their academic and career plans.

All degree options are based on a rigorous core of economic theory and methods and the opportunity to use these to explore a wide range of applications, which may be combined with coursework in other disciplines. Throughout, the emphasis is on developing practical skills that can be used to address real world issues.

The economics minor is an excellent complement to many majors such as politics, history, mathematics, communication, accounting and business administration. The minor provides students with a core of economic theory and a sampling of the many fields of economics.

Faculty

William C. Lee, PhD, Professor, Chair

Roy E. Allen, PhD, Professor

Jackson A. Allison, PhD, Assistant Professor

Jerry J. Bodily, PhD, Professor Emeritus

Kristine L. Chase, PhD, Professor Emerita

Andras Margitay-Becht, PhD, Associate Professor

Anna Maximova, PhD, Assistant Professor

Asbjorn Moseidjord, PhD, Professor

Vilma Sielawa, PhD, Assistant Professor

Andrew Williams, PhD, Professor Emeritus

Program Learning Goals

Graduates will be effective economic analysts.

Graduates will be able to apply economic theories.

Graduates will have well developed critical thinking skills.

Graduates will be able to analyze and interpret economic data.

Internships

Students who want to combine study with practical experience in economics should contact the department chair and the SEBA Internship Coordinator in advance for information on a variety of opportunities available in both the private and public sectors. Course credit for internships may be available through enrollment in ECON 195.

Honors

Majors and minors who maintain a GPA of 3.0 overall and 3.0 (3.25 for minors) in their economics courses will be considered for induction into and a lifetime membership in the Saint Mary's chapter of Omicron Delta Epsilon, the internationally recognized economics honors society.

Minor Requirements

A student may earn only one minor in the School of Economics and Business Administration. The minor in economics requires successful completion of seven courses: Principles of Micro and Macro Economics (ECON 003 and ECON 004); Statistics (may be satisfied by BUSAD 040, or MATH 004 or MATH 113); Micro and Macro-Economic Theory (ECON 105 and ECON 106); and two additional full-credit upper-division economics courses.

Minors desiring a research experience in economics may include in their upper-division economics electives ECON 120 or (with the appropriate math and statistics prerequisites) ECON 141-ECON 142.

Interfaith Leadership

Interfaith Leadership

Today where cross-cultural and cross-religious contacts are nearly ubiquitous, professionals in various sectors (e.g., health-care, law, business, education, NGOs, government service and public policy) are beginning to recognize the need to address the religious/spiritual dimensions of their work not only to serve more compassionately and effectively, but also to contribute to the evolution of a more inclusive and just society. The Interfaith Leadership Minor program provides students with a set of competencies and perspectives to begin to understand what is at stake in our religiously diverse world and how to make a difference in it in their own lives and in whatever careers they pursue. Those who develop the capacities of interfaith leadership understand that religion can be a source of conflict or an invitation to cooperation, and they know how to lead others toward the latter. Hence, an "Interfaith Leader" is a person with the knowledge, capacity for self-reflection and empathy, values and skills to lead inclusively and effectively in any religiously and spiritually diverse environment.

Faculty

Barbara A. McGraw, JD, PhD, *Professor of Social Ethics, Law, and Public Life and Director of the Interfaith Leadership Program*

Interfaith Leadership Advisory Board

Julie Ford, D.M.A., *Performing Arts*

Emily Hause, PhD, *Psychology*

Makiko Imamura, PhD, *Communication*

Yuan Li, PhD, *Organizations and Responsible Business*

Julie Park, PhD, *Integral and Collegiate Seminar*

Aaron Sachowitz, PhD, *Communication*

Grete Stenersen, MA, *Leadership Studies and Collegiate Seminar*

Marguerite Welch, PhD, *MA in Leadership*

Paul Zarnoth, PhD, *Psychology*

Learning Outcomes

Students who complete the program will be able to:

IDENTITY/BIAS: Reflect on students' own and others' identity formation and perspectives; articulate how religious and other identities and worldviews affect perceptions of issues that arise in various environments and situations; and articulate how such perceptions can result in bias.

COMMUNICATION/DIALOGUE: Demonstrate effective communication and dialogue facilitation skills that can be used to address interreligious conflict and promote interfaith cooperation, engagement, and understanding.

RELIGIOUS LITERACY: Demonstrate an understanding of what it means to be religiously literate; articulate ways that religions differ in thought, practice, and organization; and articulate the meaning of "pluralism" in this context.

LEADERSHIP: Identify interfaith challenges and opportunities; propose inclusive methods for addressing them; and articulate how to lead implementation of those inclusive methods.

APPLICATION: Demonstrate interfaith leadership (as defined above) in a collaborative community-based project.

Interfaith Leadership Minor

To graduate with an Interfaith Leadership Minor, students must complete courses in the following Program Core, which consists of four full credit courses and one quarter-credit project course. Students must also complete Two Electives, one from each of two elective categories.

Other Courses in the Program

Course descriptions for other courses in the Interfaith Leadership Minor can be found under their respective department/program in this catalog, e.g., in Business Administration, Anthropology, Ethnic Studies, Psychology, Communication, Politics, History, Kinesiology, Global and Regional Studies, Theology and Religious Studies, and Justice, Community and Leadership.

School of Liberal Arts - Departments

School of Liberal Arts

Anthropology

Anthropology studies human life in a comparative, cross-cultural, holistic perspective, and is the only social science to do so. The discipline traditionally has been divided into four subfields: cultural and social anthropology (the comparative study of the range and variability of cultures), archaeology (the study of the human past through material artifacts), linguistics (the origin and development of languages and their use in social contexts), and physical or biological anthropology (encompassing primatology and human evolution). Although we are a small department, we are able to offer a four-field approach and also include applied anthropology courses.

Anthropology is distinct in its insistence that the foundations for theorizing and the comparison of cultures be based on firsthand ethnographic fieldwork. Originally, the focus was on nonliterate peoples of the past and present, but anthropological theories and methods are increasingly applied to the populations of literate, complex societies. Current faculty in the department have conducted fieldwork in China, the Philippines, Hawai'i, American Samoa, Colombia, Ecuador, Peru, Bolivia, Italy, and the Napa Valley, Calif. Faculty have also led January Term study trips to China, Hawai'i, the Cook Islands, Ecuador, Guatemala, Las Vegas, Nev., and San Francisco, Calif.

From its beginning as an academic discipline in the United States in the late 19th century, anthropology has argued for the fundamental physical and psychic unity of humankind and against theories of eugenics and racial inequality. Besides its academic foci, a major emphasis of anthropology is its application in such fields as education, medicine, business, law, human rights, international development and conflict resolution. Most of our graduates enter the working world, but some join organizations such as the Peace Corps or Lasallian Volunteers, and a smaller number go on to graduate or professional schools. Our curriculum prepares all students broadly to be literate, informed, questioning, ethical and socially-aware citizens.

We offer additional academic preparation in the form of presentation of academic papers at the Santa Clara University undergraduate social science student research conference, independent study, National Science Foundation Research Opportunities for Undergraduates mentoring, grants for participation in summer archaeological field schools, field placement at local social service organizations and an honors thesis for students intending to continue their formal education. (These opportunities are open to all our students, but we encourage them for students applying to graduate and professional schools.) All students are encouraged to learn a foreign language and to study abroad.

Students also can take advantage of a course exchange program to enroll in Anthropology and Archaeology courses at Mills College, The University of California, Berkeley, and California State University East Bay.

Faculty

Dana R. Herrera, PhD, Professor, Chair

Anna Corwin, PhD, Assistant Professor

Jennifer Heung, PhD, Professor

Lynn M. Meisch, PhD, Professor Emerita

Paola Sensi-Isolani, PhD, Professor Emerita

Cynthia Van Gilder, PhD, Professor

Learning Outcomes

When students have completed the anthropology program they will be able to:

APPRECIATE the great diversity of human cultures and the interrelatedness of economic, socio-political and religious systems.

APPROACH cultural diversity with thoughtfulness and sensitivity.

EXAMINE their lives in social and cultural contexts and assess how their lives are affected by the specific time and place in which they live.

UNDERSTAND anthropological theory and methods and how they are applicable in and beyond academia.

EMPLOY critical reading, writing and thinking skills that will allow them to understand and contribute to an increasingly complex, multicultural and interdependent world.

EXPRESS themselves with confidence and clarity in both oral and written communication. This includes an understanding of the difference between primary and secondary sources and how to properly cite and reference those sources.

Major Requirements

The anthropology major comprises 13 lower- and upper-division courses. Students are exposed to all four of the traditional subdisciplines of anthropology while having the choice of majoring in anthropology or anthropology with an archaeology concentration.

A grade of C- or higher is required for coursework to count toward the major or minor.

Note: Courses are offered on a rotating basis unless otherwise noted.

Art & Art History

The Department of Art and Art History is an innovative, laboratory program focused on the practice, history, and theory of art. Courses in a variety of artistic mediums, theoretical frameworks, and historical periods inspire students to analyze, interpret, and create art in context. Students thus learn to consider art objects and practices in relation to political, psychological, religious, aesthetic, and technological formations in society. The department faculty members encourage students to embrace the liberal arts tradition with respect to critical thinking, self-discovery and personal expression, while the College's Catholic and Lasallian traditions help to deepen and broaden the student's engagement with art. Our courses also encourage the development of practical skills enhanced through internships in galleries, museums, art centers, auction houses and more.

The department currently offers three Bachelor of Arts majors: Art Practice, the History of Art, and Art Theory and Criticism.

The coursework in Art Practice ranges in approach from traditional studio work to digital, new media and other contemporary practices. The department's instruction in art practice integrates technical fundamentals and conceptualization, creative experimentation and critical thinking, personal expression and social responsibility. Students learn to engage in discussion and group-critiques as part of their professional preparation and as an integral way of participating in and benefiting from a community of shared inquiry. The coursework in History of Art, presented alongside courses in archeology, anthropology, religious studies and world languages and presents the rich tradition of art. The coursework in Art Theory and Criticism emphasizes conceptualization in modern and contemporary art practices, the asking of foundational questions about the nature and function of art in relation to human subjectivity and society, and the endeavor to link the aims of art to concerns in other disciplines.

The three departmental majors undertake an inclusive series of lower-division courses in the history, practice, theory and criticism of art. These courses are intended to give a general overview of the variety and breadth of artistic media and practices. Students in each major pursue particular emphases in their upper-division studies.

A degree from the Department of Art and Art History provides alumni with an appreciation of visual art as a way of knowing. Through personalized advising, the department prepares students to further their studies at the graduate level in curatorial studies, studio art, history of art, digital filmmaking, graphic design, critical theory, art criticism, and other related fields.

Acknowledging the importance of direct contact with diverse artistic practices, students in each major are encouraged to study abroad through the college's many art-focused travel programs. Students are provided with academic internships at museums, auction houses, artists' studios and galleries that prepare them for employment in art-related fields upon graduation.

The Art and Art History Department offers a merit-based scholarship by application for incoming Saint Mary's students. This scholarship is designed for prospective students with leadership potential who wish to pursue studies in studio or video

art production. Application guidelines are available on the department website.

Art Practice Faculty

Peter Freund, PhD, *Professor, Digital Media, Experimental Film/Video, Art Theory*

Andrew Mount, EdD, *Assistant Professor, Studio, Printmaking, Gallery Team*

Laura Miller, MFA, *Visiting Professor, Digital Media, Experimental Film/Video, Sculpture, Installation, Interactive Art*

History of Art Faculty

Costanza Dopfel, PhD, *Professor and Chair, History of Art, World Languages & Cultures, Medieval, Renaissance and Baroque Art*

Hossein Khosrowjah, PhD, *Visiting Professor, History of non-Western Art, Film, Theory and Criticism*

Anna Novakov, PhD, *Professor Emerita*

Affiliated History of Art Faculty

Thomas Poundstone, PhD, *Theology and Religious Studies, Christian Art and Baroque Art*

Cynthia Van Gilder, PhD, *Anthropology, Archeology and Art of the Pacific and the Americas*

Art Practice Learning Outcomes

When they have completed the program of study with an art practice emphasis students should be able to:

MOUNT a cohesive exhibition of their artwork and produce a comprehensive thesis document discussing the ideas, techniques and influences in their artwork.

DEMONSTRATE an understanding of and facility for the use and application of several different media, especially that of their preferred medium.

ARTICULATE their artwork's content and intention and visually manifest those ideas.

DEVELOP an ability for objective self-critique and demonstrate an understanding of their own place within a larger art historical context.

EVALUATE clearly different forms of art by other artists in their writings and class discussions.

DEMONSTRATE a foundational knowledge of contemporary and historic artists, particularly those working in their preferred medium. This is evidenced by their writings on art and during critiques and class discussions.

History of Art Learning Outcomes

Upon completion of the major, graduates must have attained the following:

A general knowledge of the monuments and principal artists of all major art periods of the past, including a broad understanding of the art of the twentieth century and acquaintance with the art history of non-western cultures.

Functional knowledge of the creative process through foundation or other studio art courses.

More specific knowledge, in greater depth and precision, of several cultures and periods in the history of art and concentration in at least one area to the upper-division level. Study at the advanced level includes theory, analysis, methodology, and criticism.

Knowledge of the tools, methodologies, and techniques of scholarship. Active research and the writing of analytical, theoretical and critical essays are reinforced throughout the program from the first lower-division survey course to the senior capstone project.

An understanding of the role that art has played and can play in encouraging positive social change.

The ability to synthesize in written essays the interconnection between various forms of artistic expression.

Successful completion of a senior thesis based on an in-depth study of a theme or issue in the history or art.

An understanding of the real-life experience and challenges of working in a museum, auction house or gallery acquired through internships.

Art Theory and Criticism Learning Outcomes

Upon successfully completing the program of study with an art theory and criticism emphasis, students should be able to:

Conduct an extended, rigorous written analysis of artworks by drawing upon concepts from established critical theory tests.

Articulate the theoretical assumptions driving specific interpretations of artworks by availing a knowledge base of art theory and criticism.

Pose and investigate theoretical questions about the nature and function of art by utilizing specific artworks as reference points.

Demonstrate a foundational knowledge of facts and accepted art historical and critical terminology in writing and discussion.

Contextualize established and contemporary artworks within a broader cultural, historical, and political framework.

Produce a work of art or curate an exhibition informed by an art-theoretical concept.

Split Major Agreements

Art Practice: Split Major Agreements

Split majors between Art Practice and other disciplines are available by arrangement. For more information, please email Professor Costanza Dopfel at cdopfel@stmarys-ca.edu.

Art Theory and Criticism: Split Major Agreements

For more information, please email Professor Costanza Dopfel at cdopfel@stmarys-ca.edu.

Note: For curriculum of the Art Theory & Criticism major offered by other departments, please see the course descriptions in those programs: Anthropology (ANTH 120 and ANTH 124); Communication (COMM 100 and COMM 109); English (ENGL 170); Performing Arts (PERFA 001, PERFA 010, PERFA 050, PERFA 118, PERFA 160 and PERFA 184); Philosophy (PHIL 005 and PHIL 111).

History of Art: Split Major Agreements

The department offers three split majors: History of Art and Italian Studies, History of Art and Archaeology, and History of Art and Communication. Other split majors are available by arrangement. For more information, please email Professor Costanza Dopfel at cdopfel@stmarys-ca.edu.

Minor in Cinematic Arts

The curriculum of the Cinematic Arts Minor combines the critical analysis and creative production of the moving image art form, ranging from time-based film and video to new media art. The courses emphasize technical fundamentals and conceptualization, creative experimentation and critical thinking, and personal expression and social responsibility. A hybrid instructional approach for several of the courses integrates critical analysis and creative production in order to encourage students to analyze as well as to produce the moving image art form as an engaged critical practice.

Students minoring in Cinematic Arts take six courses from the disciplines of Art, Communication, English, Anthropology, and World Languages and Cultures. Beyond the coursework, an internship elective (ART 195) provides hands-on experience that can include assisting with a film exhibition, working as an assistant with a faculty filmmaker or researcher, and other options.

Learning Outcomes

Students completing the Minor in Cinematic Arts will be able to:

Plan, shoot, edit a finished film or video art project.

Contextualize moving image artworks within a broader cultural, historical, and political framework.

Utilize critical-theoretical concepts as a springboard to develop a film or video art project.

Write a concept statement articulating the aims, influences, and process associated with their own production work.

Write an extended critical essay integrating research, analysis, and interpretation of cinematic works of art.

Degree Requirements and Courses

Classical Languages

The ancient Greeks and Romans left a legacy of values and ideas that continue to inform the way we view the changing world around us. The Classical Languages department enables students to go beyond the translations and engage directly with the extant Greek and Roman texts, while at the same time acquiring knowledge about their context. In this way, students can attain a clearer understanding of the Greco-Roman component in modern-day world views as they continue to reflect on the universal human condition.

Whether you major in Classics or not, the linguistic approaches and strategies you will develop with us are highly transferable. Familiarity with the etymology of the Greek and Latin roots in English makes the study of science much more effective. There is no better preparation for the pitfalls of legalese than the meticulous, logical approach to Greek and Latin texts. Students who plan to enter graduate studies in Classics, philosophy, art history, theology, archaeology, etc., will be able to satisfy one or more of the language requirements in those programs. No matter what career you choose, students tell us, the overall cultural enrichment you get along the way is one of the great benefits of Classical Studies.

Classical Languages majors write a Senior Thesis based on one of their upper division courses on a major author.

Faculty

Michael Riley, PhD, *Professor, Chair*

Learning Outcomes

Our focus is on your learning. We actively communicate with you in the course of your studies. We rely on your input as you progress toward linguistic proficiency in Greek and/or Latin.

Upon successful completion of the ELEMENTARY LATIN/GREEK SEQUENCES, you will be able to:

- Engage in simple interactions in Latin and/or ancient Greek;
- Read and understand simple texts with the help of dictionaries and textbook materials;
- Translate simple English sentences into idiomatic Latin and/or Greek;
- Develop a stable understanding of grammar as a vehicle for logic;
- Acquire reliable strategies for approaching sentences in both Latin/Greek and English;
- Begin to develop strategies for sight-reading Latin and/or Greek texts (without the help of dictionaries and textbook materials); and
- Understand the basic cultural, historical, political, philosophical and mythological background of the texts you read.

Upon successful completion of the INTERMEDIATE LATIN/GREEK SEQUENCES, you will be able to:

- Engage in more complex interactions in Latin and/or ancient Greek;
- Read relatively complex texts with occasional help from dictionaries and textbook materials;
- Sight-read basic texts;
- Distinguish between writers' styles and develop specific reading strategies for dealing with each author;
- Translate sentences into idiomatic Latin and/or Greek in a specific writer's style;
- Appreciate the metric and rhythm of Greek and Roman poetry;
- Discuss the cultural, historical, political, philosophical and mythological background of the texts you read;
- Understand the logical and rhetorical complexities of ancient texts;
- Appreciate the creative distortions inevitable in translation; and
- Perform basic evaluation of selected official translations from Latin and Greek.

UPPER-DIVISION COURSES IN LATIN AND /OR GREEK hone the intermediate skills you've acquired:

- Your reactions to the linguistic aspects of the Latin/Greek text should become more or less automatic;
- You will sight-read most Latin and Greek texts;
- You will be able to read some very difficult texts without losing sight of their non-linguistic dimensions; and
- Your proficiency in analyzing the hidden dimensions of any text-English or ancient-will increase dramatically, along with your expanded vocabulary and interpretive sophistication.

Major Requirements

Lower Division Classics Major

By arrangement.

Classical Studies Minor Requirements

The Classical Studies minor is an interdisciplinary approach to the study of the literature, history, and art of the ancient Greeks and Romans and their influence from antiquity up to the present. The minor is open to all undergraduates. The minor is rooted in the study of the texts, ranging from the Homeric poems of the archaic Greek period to the works of St. Augustine in the fourth century C.E. Offered by the Classical Languages Department the Minor provides students opportunities to be part of a large and thriving classics community, to conduct collaborative research, and study abroad through the College's programs in Rome.

Learning Outcomes

1. Understanding the basic cultural, historical, political, philosophical and mythological backgrounds of ancient literature
2. Capacity for disciplined examination and discussion of fundamental ideas and questions, as treated or suggested by some of the great written texts
3. Proficiency in analyzing the hidden dimensions of any text-English or ancient-will increase dramatically, along with expanded vocabulary and interpretive sophistication.
4. Ability for close reading and listening, for precise verbal formulations of questions, distinctions, concepts, arguments, and judgments, and facility at addressing and responding to classmates' like contributions; and
5. Well-developed competence in written formulation of questions, distinctions, concepts, arguments, and judgments.

Requirements

Students must complete 6 courses which may be double-counted towards core curriculum requirements. The lower-division entry course, a comprehensive introduction to the Greek and Roman civilization is required. At least five courses must be upper-division. Students may elect in any order five of these courses. Upper-division Greek and Latin courses can also to meet the minor requirements. Upper-division RILA courses can also be used to fulfill the requirement. Integral students can also use INTEG 113 and INTEG 133 (Ancient mathematics and mathematical cosmology) to meet these requirements. Some listed courses have a prerequisite or require instructor's permission. January Term courses do not count towards the minor requirements.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Communication

The Department of Communication embraces the mission of Saint Mary's College to instill a liberal arts, Catholic, and Lasallian character through curriculum that identifies the process of communication as a primary means by which we construct social reality, recognize and analyze social processes, and affect social change. The study of Communication is complex and interdisciplinary, incorporating rhetoric, social sciences, cultural studies, and film and media studies. Students studying communication will engage in ethical and systematic inquiry into a broad range of areas, including relational and intercultural communication, new media and digital culture, mass and alternative media, organizational communication, visual studies, ethics, and international communication. Students will also learn to express their inquiry in research, media production, and other forms of public communication such as advertising, public relations campaigns, and journalism.

The Communication curriculum is both conceptual and applied with core courses preparing students for in-depth exploration of one of two tracks centered around the kinds of communicative roles students aspire to upon graduation: Media Maker or Communication Strategist. The core courses common to both tracks highlight oral and written communication competencies, as well as research design and project management skills. The Media Maker track is for students interested in examining processes of media communication, especially media production. This track balances critical, analytical, and theoretical approaches to the study of media with hands-on media production training, culminating in a media-focused Capstone project. The Media Maker track provides students with competencies in media production, especially video and digital

media. The Communication Strategist track is for students interested in examining the processes of meaning making through communication and its impact on human psychology, emotions, and relationships in various contexts including workplace, groups and teams, and other forms of relationships. This track emphasizes the application of quantitative and qualitative data collection and analysis and communication theories to the production of ethical and strategic plans for effective communication in various contexts, and culminates in a data-driven research Capstone. The Communication Strategist track provides studies with competencies in qualitative and quantitative data analysis.

Faculty

Aaron D. Sachowitz, PhD, *Associate Professor, Chair*

Shawny Anderson, PhD, *Associate Professor*

Veronica Hefner, PhD, *Assistant Professor*

Makiko Imamura, PhD, *Associate Professor*

Jason Jakaitis, PhD, *Assistant Professor*

Samantha Joyce, *Associate Professor*

Dan Leopard, MFA, PhD, *Associate Professor*

Ellen Rigsby, PhD, *Associate Professor*

Scott Schönfeldt-Aultman, PhD, *Professor*

Edward E. Tywoniak, MFA, EdD, *Professor Emeritus*

Learning Outcomes

By the time they graduate, students should be able to:

- DESCRIBE the Communication discipline and its central questions
- EMPLOY communication theories, perspectives, principles, and concepts
- ENGAGE in communication inquiry
- CREATE messages appropriate to the audience, purpose, and context
- Critically ANALYZE messages
- DEMONSTRATE the ability to accomplish communicative goals (self-efficacy)
- APPLY ethical communication principles and practices
- UTILIZE communication to embrace difference
- INFLUENCE public discourse

Major Requirements

Students who major in communication take a total of 11 full credit courses and one quarter credit course. Five and a quarter of the courses are shared between the two tracks and the remaining six are specific to each track (two required and four electives).

Minor Requirements

Students who minor in communication take a total of six courses, three of which are required plus three electives. Of the three electives, one must be an upper-division application course denoted by the word "Application" after the title.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Minor in Cinematic Arts

The Cinematic Arts Minor combines the critical analysis and creative production of the moving image art form, ranging from time-based film and video to new media art. The courses emphasize technical fundamentals and conceptualization, creative experimentation and critical thinking, and personal expression and social responsibility. A hybrid instructional approach for several of the courses integrates critical analysis and creative production in order to encourage students to analyze as well as to produce the moving image art form as an engaged critical practice.

Students minoring in Cinematic Arts take six courses from the disciplines of Art, Communication, English, Anthropology, and World Languages and Cultures. Beyond the coursework, an internship elective (ART 193) provides a hands-on experience that can include assisting with a film exhibition, working as an assistant with a faculty filmmaker or researcher, and other options. (This program is coordinated with the Art and Art History Department and is cross-listed with their section of the course catalog).

Learning Outcomes

Students completing the Minor in Cinematic Arts will be able to:

- Plan, shoot, edit a finished film or video art project.
- Contextualize moving image artworks within a broader cultural, historical, and political framework.
- Utilize critical-theoretical concepts as a springboard to develop a film or video art project.
- Write a concept statement articulating the aims, influences, and process associated with their own production work.
- Write an extended critical essay integrating research, analysis, and interpretation of cinematic works of art.

Matriculation Pattern

Total Requirement (six courses)

Required Core (four courses)

Minor in Digital Studies

The idea for a minor in Digital Studies within the School of Liberal Arts grew out of the recognition that the dramatic change brought about by the digital revolution in areas such as communication, culture, art, commerce, and education necessitated a more formal lens of investigation of the contemporary world. Foundational to this conversation is the very question itself of the role of the liberal arts in the 21st century, including the signature hallmarks of a liberal education—critical thinking, collaborative inquiry, and the ability to effectively communicate.

The Digital Studies minor is open to all students. The program's curriculum provides the requisite tools for critical analysis of how "the digital" frames human discourse, while simultaneously developing a technical understanding of how digital media and content are produced and delivered in order to prepare students for careers in the technology sector.

Learning Outcomes

Students completing the Minor in Digital Studies will be able to:

- Ability to analyze the digital environment toward the end of becoming a digital citizen 2.
- Ability to analyze the digital environment (technically and culturally) through shared inquiry and collaborative learning
- Ability to understand and utilize digital media production tools (video, audio, images, graphics, interactivity) 4.
- Ability to understand and utilize principles of digital programming (HTML5, CSS5, and Python)
- Ability to understand and utilize project management tools and skills toward the creation of digital artifacts
- Ability to understand and utilize critical thinking for the analysis of digital information and its application in the contemporary age
- Ability to produce and conceptualize through assignments and activities digital bases art within a critical-theoretical framework
- Ability to investigate through assignments and activities digital concepts within historical cultural and societal contexts
- Ability to investigate through assignments and activities the dialogic relationships between digital culture and technology
- Ability to investigate and analyze through assignments and activities the attributes and the effects of "big data" on culture and society, and develop skills and strategies for effective data management.

Matriculation Pattern

Total Requirement (five courses and four .25 credit labs)

Required Core (three courses and four .25 credit labs)

English

Faculty

Kathryn S. Koo, PhD, *Professor, Chair*
Marilyn Abildskov, MFA, *Professor*
Carol L. Beran, PhD, *Professor Emerita*
Sunayani Bhattacharya, PhD, *Assistant Professor*
Edward Biglin, PhD, *Professor Emeritus*
Glenna Breslin, PhD, *Professor Emerita*
David J. DeRose, PhD, *Professor Emeritus*
Elisa Findlay, PhD, *Assistant Professor*
Jeanne Foster, PhD, *Professor Emerita*
Brother Ronald Gallagher, FSC, PhD, *Associate Professor*
Robert E. Gorsch, PhD, *Professor*
Rosemary Graham, PhD, *Professor*
Sandra Anne Grayson, PhD, *Professor Emerita*
Brenda L. Hillman, MFA, *Professor*
Jeannine M. King, PhD, *Professor*
Emily Klein, PhD, *Associate Professor*
Carol S. Lashof, PhD, *Professor Emerita*
Hilda H. Ma, PhD, *Associate Professor*
Lisa Manter, PhD, *Professor*
Molly Metherd, PhD, *Associate Professor*
Phyllis L. Stowell, PhD, *Professor Emerita*
Meghan A. Sweeney, PhD, *Associate Professor*
Lysley Tenorio, MFA, *Professor*
Yin Yuan, PhD, *Assistant Professor*
Ben Xu, PhD, *Professor Emeritus*
Matthew Zapruder, MFA, *Associate Professor*

Learning Outcomes

When students have completed a program of study in English, they should be able to:

ENGAGE in informed, active reading, bringing to bear a broad base of literary, historical and cultural knowledge.

READ critically a wide range of literary texts, with an awareness of the theoretical assumptions behind various interpretive strategies, and the ability to choose appropriate methods of inquiry and to formulate clear questions.

APPLY a variety of reading strategies, combining critical detachment with the intellectual, imaginative, and emotional engagement necessary for appreciation.

WRITE clear, well-reasoned prose in a variety of situations (academic, professional, social) for a variety of audiences and support their arguments with appropriate, thoughtfully analyzed evidence.

CONVERSE articulately about texts and interpretations, understanding that interpretation is often a dialogic, collaborative process.

CRITICALLY evaluate how texts engage notions of diversity and difference.

4+1 Program

English majors, including those with the SMPP concentration, may participate in the Justice, Community and Leadership (JCL) 4+1 program by declaring a Single Subject 4+1 minor in JCL. Students who successfully complete both the major and JCL 4+1 minor are permitted to enroll in the Kalmanovitz School of Education credentialing courses and work towards a Masters in Teaching by fulfilling additional coursework and research components.

Special Note:

Students who successfully complete two years in the Integral Program before declaring an English major are exempt from the department's Shakespeare and pre-1800 requirements.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Ethnic Studies

The Ethnic Studies Program at Saint Mary's College of California takes a critical multidisciplinary approach to addressing issues of power, resistance, and social justice. Ethnic Studies students learn comparative multiracial and multiethnic perspectives to examine race, ethnicity, gender, class, sexuality, legal status, Indigeneity, and other dimensions of identity and lived experience. Born from student protests from the 1960s social movements, the field of Ethnic Studies believes in the holistic understanding of the individual and their environment in order to fully analyze social problems and enact change. The Ethnic Studies approach to teaching and learning incorporates many academic fields, including the arts, communication, global studies, history, politics, psychology, queer studies, sociology, theology and religious studies, and women and gender studies.

Students critique dominant frameworks through an analysis of power and applied, community-based methods that center the perspectives and needs of historically marginalized communities. Through coursework, research, and community engagement, Ethnic Studies students explore social constructions of identity, forms of oppression, and community building within the U.S. and beyond, with particular attention paid to African American and Black, Latinx, Native American, Asian American and Pacific Islander communities.

Ethnic Studies embodies the College's Lasallian commitment to social justice, respect for all persons, and the fostering of an inclusive community.

Faculty

Loan Thi Dao, PhD, *Associate Professor, Director*

David Quijada, PhD, *Associate Professor*

Ethnic Studies Faculty Advisory Board

Nicole Brown, PhD, *Sociology*

Ynez Hirst, PhD, *Sociology*

Emily Klein, PhD, *English*

Amissa Miller, PhD, *Performing Arts*

Scott Schönfeldt-Aultman, PhD, *Communication*

Michael Viola, PhD., *Justice, Community & Leadership*

Ethnic Studies Community Advisory Board

Rebecca Aguiano, PhD, *Counseling Psychology*

Cynthia Martinez, PhD, *Counseling Psychology*

Legacy Lee, MA, *Intercultural Center*

Alvaro Ramirez, PhD, *World Languages and Cultures*

The educational goals of the Ethnic Studies Program for majors and minors include:

EXPLORING the cultural and social histories of African American, Latino, Native American and Asian American/Pacific Islander ethnic groups.

INTEGRATING Catholic social justice teaching, the Lasallian core values, and service based learning in service of these historically underrepresented groups.

CRITICALLY EXAMINING United States racial and ethnic diversities and their interrelatedness to other international socio-historic systems.

Upon completion of the Ethnic Studies major, students will be able to:

DESCRIBE the history and social theories relevant to a critical understanding of African American, Latino, Native American, and Asian American/Pacific Islander ethnic groups;

EMPLOY theoretical and analytical frameworks to understand an increasingly complex, multicultural and interdependent world;

IDENTIFY the social, historical, economic, and religious factors that have affected and continue to affect ethnic groups in the U.S.;

EXHIBIT critical thinking about issues of social injustice and the common good, and strategies for working towards social justice.

Global and Regional Studies

The Global and Regional Studies (GRS) major is designed for students preparing for an increasingly global environment through the multidisciplinary study of global processes or a major world region. The course of study integrates several academic disciplines, language proficiency, cultural literacy, independent research, and residential experience abroad.

The GRS major is geared toward students who want to focus their major on international studies writ large instead of a single academic discipline. This interdisciplinary approach best facilitates the student's gain in cultural literacy, language acquisition, and the ability to understand and analyze critically global and regional connections, processes, and development outcomes from multiple academic perspectives. The GRS major allows students to focus on a major region of the world (eg, Europe, Latin America, East Asia, etc), or broader themes and issues that cut across world regions. Students may also opt for a concentration in global justice.

Faculty Advisory Board

Jennifer D. Heung, PhD, *Professor of Anthropology*

Ronald Ahnen, PhD, *Professor of Politics*

Manisha Anantharaman, PhD, *Assistant Professor of Justice Community & Leadership*

Zeynep Atalay, PhD, *Associate Professor of Sociology*

Helga Lénárt-Cheng, PhD, *Associate Professor of World Languages and Cultures (French and German)*

María Luisa Ruiz, PhD, *Associate Professor of World Languages and Cultures (Spanish), Director, Institute for Latino and Latin American Studies*

Aeleah Soine, PhD, *Associate Professor of History*

E. Elena Songster, PhD, *Associate Professor of History*

Learning Outcomes

Graduates of the Global and Regional Studies Program will demonstrate:

APPRECIATION of their place as a citizen in global society.

UNDERSTANDING of the political, economic and cultural interconnectedness that constitutes our world today.

ABILITY TO COMMUNICATE at a basic functional level of proficiency in a language other than English specific to their geographical region of study.

ABILITY TO ANALYZE specific social aspects of a geographical region employing in a competent and creative way the appropriate conceptual and theoretical tools of the following disciplines: anthropology, economics, history, literature and art, and politics.

ABILITY TO INVESTIGATE the increasing interdependent nature and complexity of cultural, economic, environmental, political, and social processes that constitute the global experience, and to examine those processes from a global justice perspective.

Career Opportunities

Graduates will be in a position to work for the ever- growing number of international agencies, organizations and businesses. Increasingly, language proficiency and overseas experience are requirements for jobs. Employers seek persons experienced and qualified to function in another language and culture.

Other students go on to graduate school in international business, international studies, or in their minor field. Most major universities have graduate international or area studies programs that offer a natural next step for students interested in further developing their expertise.

Beyond career advancement, many students will find that the immersion in another culture expands their understanding of the human experience and permanently enriches their lives.

Major Requirements

Track Selection

Students first select between one of two tracks in the major: **Global Studies** or **Regional Studies**. Students in the Global Studies track may opt for a concentration in global justice studies. Students in the Regional studies track must select a specific region of the world in which they have a particular interest and wish to focus their studies. Four choices are available: East Asia, Europe, Latin America, or student defined (eg, North Africa, Middle East, etc). Student-defined regions must receive approval from the Director of Global and Regional Studies. Regional Studies track students must complete the requirements of a minor area of study chosen from Anthropology, Economics, History, World Languages and Cultures, or Politics.

Optional Global Justice Concentration

Global Studies track students may opt for a concentration in global justice studies. The concentration requirements are:

1. complete POL 115 - Theories of Justice
2. complete an internship with a local organization or business while focusing on a global justice issue (may be completed in conjunction with an independent study course that counts as a Group B course).
3. write the senior thesis on a global justice topic (approved by the instructor).

Language

Students in both tracks must complete the equivalent of level four (4) semesters in a foreign language (appropriate to the region if selected). Language study should correspond with the country where students wish to spend their study abroad. The interdisciplinary and language courses taken by students will prepare them for critically engaged learning experiences.

Study Abroad

Study abroad is a vital component of the GRS major and provides students with an important experience that allows them to understand more directly the cultural complexities and lived experiences of their region of study. Regional studies track majors are strongly encouraged to spend a minimum of one semester studying abroad in their selected region during their junior year in a country that corresponds with their foreign language study. Global studies track students are also strongly encouraged to study abroad for a semester in any region of their interest, or may opt for a semester long internship with an international focus.

Minimum GPA

Students must be mindful of meeting the minimum GPA requirement of the study abroad program of their choice, which range from 2.8 to 3.5.

History

As a disciplined study of the past, History focuses on change and continuity over time. Our department challenges students to read, think, and write about questions societies face in every generation-the tension between freedom and authority, reason and faith, individual agency and powerful structures. The ultimate goal: to become imaginative and resourceful human beings engaged with the world.

Our faculty cultivates understanding, not memorization. The history student becomes immersed in the study of the past and develops the skill and ability to read critically and write elegantly. The faculty welcomes budding historians who love history, as well as students from other disciplines seeking a broad view of the world, and students who might simply be curious about a specific time, country, or topic.

Our curriculum is organized in clusters of courses that allow for global or regional comparisons. Among these are: the history of women (Europe, Latin America, the United States); environmental history (Latin America, Asia, the United

States); and revolutionary movements (China, the United States, Europe, and Latin America).

As an active collaborator in the larger College community, the department regularly offers classes in the following interdisciplinary majors and minors: Women's and Gender Studies, Ethnic Studies, Environmental Studies, and Global and Regional Studies.

Faculty

Elena Songster, PhD, Professor, Department Chair

Carl J. Guarneri, PhD, Professor

Brother Charles Hilken, FSC, PhD, Professor

Myrna Santiago, PhD, Professor

Aeleah Soine, PhD, Associate Professor

Gretchen Lemke-Santangelo, PhD, Professor

Ronald Isetti, PhD, Professor Emeritus

Katherine S. Roper, PhD, Professor Emerita

Learning Outcomes

History majors develop a unique set of skills designed for research and analytical thinking in a diverse and increasingly globalized world. Upon completion of the History program, students will be able to:

- **THINK** historically, read critically, write coherently, speak persuasively, and communicate effectively.
- **SITUATE** major historical events within their proper chronological, geographical, thematic, and comparative context.
- **CONNECT** and integrate historical knowledge, grasp the ethical and moral dimensions of history, and appreciate the complex, multi-causal origins of past events.
- **IDENTIFY** and **INTERPRET** a wide variety of historical sources, both primary and secondary.
- **EXPLAIN** the value and application of historiography and various historical methods, approaches and theories.
- **EVALUATE** and critically assess the validity of historical evidence and interpretations.
- **USE** and **APPLY** primary and secondary sources to construct sophisticated, persuasive, and logical interpretations of historical problems and events.

Prerequisite Grade

All prerequisites must be passed with a grade of C- or better.

Integral

The Integral Program of liberal arts is founded on the wager that it is still possible to appreciate and to evaluate all the main kinds of human thinking. It is thought that students in the Program can learn enough of the technical languages of the natural sciences, mathematics, literary criticism, social sciences, philosophy and theology to follow arguments in those disciplines. The Integral Program is not an honors curriculum but is intended rather for anyone drawn to a comprehensive view of education, an education devoted equally to the arts of language, to the arts of pure and applied mathematics (including music), to observation and measurement, to judgment and reasoned appreciation.

The program is divided into the seminar and the tutorials: language, mathematics, laboratory and music. During the fourth year, seniors are asked to marshal their experiences from seminar and tutorials to write a major essay and then defend it before the tutors and the other students.

The program had its origin in a two-year study beginning in the fall of 1955 and financed with a grant from the Rosenberg Foundation. Brother Sixtus Robert Smith, FSC, and James L. Hagerty of the faculty joined with consultants from Saint John's College, Annapolis, the University of California Berkeley and Stanford University, to establish this "college-within-a-college." The first graduates were the class of 1960. From the beginning, a confident grasp of fundamental truths, a healthy skepticism toward passing dogma, and a reliance on reasoned deliberation has marked the graduates of the program.

Tutors

Joseph Zepeda, PhD, *History and Philosophy of Science, Director*
David Bird, PhD, *Hispanic Studies*
Steven Cortright, MA, *Philosophy*
Brother Kenneth Cardwell, FSC, PhD, *Rhetoric*
Theodora Carlile, PhD, *Emerita*
Alexis Doval, PhD, *Theology*
Elizabeth Hamm, PhD, *History and Philosophy of Science and Technology*
Felicia Martinez, PhD, *English*
Brother Raphael Patton, FSC, PhD, *Emeritus*
Gabriel Pihas, PhD, *Social Thought, on leave 2020-21*
Michael Riley, PhD, *Classical Languages*
Theodore Tsukahara, Jr. AFSC, PhD, *Economics*
Brother Martin Yribarren, FSC, PhD, *Music*

Learning Outcomes

Students who complete the program will demonstrate:

THE CAPACITY for disciplined examination and discussion of fundamental ideas and questions, as treated or suggested by some of the great written texts; and
AWARENESS of variations in the kinds and degrees of knowledge attainable in different fields of inquiry, acquired through active use of the resources employed in those fields, e.g., experience, reflection, hypothesis, experiment, measurement and inference; and
ABILITY for close reading and listening, for precise verbal formulations of questions, distinctions, concepts, arguments, and judgments, and facility at addressing and responding to classmates' like contributions; and
WELL-DEVELOPED COMPETENCE in written formulation of questions, distinctions, concepts, arguments, and judgments.

Requirements

An alternative, comprehensive curriculum, the program offers a bachelor's degree proper to it. The degree is granted for the successful completion of the eight seminars, the eight tutorials in mathematics, the eight in language, the four laboratories, a tutorial in music and the senior essay totaling 29.25 course credits. Note that the College further requires the successful completion of four January course credits, and of electives sufficient to complete Core Curriculum learning outcomes in Community Engagement, American Diversity, and Social Cultural and Historical Understanding (1 course credit), and to raise the total to 36 course credits.

Students who start in the Integral Program and move to another major are deemed to have completed the following Core Curriculum requirements:

After one semester: Mathematical Understanding, Scientific Understanding (including laboratory), SEM 001 - Critical Strategies and Great Questions
After two semesters: the above, plus ENGL 004 - Composition, SEM 002 - Western Tradition I
After three semesters: the above, plus Theological Understanding (Christian Foundations), Artistic Understanding (both Artistic Analysis and Creative Practice), the language requirement, and SEM 103 - Western Tradition II
After four semesters: the above, plus Theological Understanding (Theological Explorations) and SEM 104 - The Global Conversation of the 20th and 21st centuries

Prerequisites

Each course in the program beyond the first semester depends in an obvious way entirely on the courses taken earlier, making it impossible to join the Program later than the first year. In extraordinary cases, a remedial course in January may allow a first-year entrance in February.

Any course in this program with a prerequisite assumes a grade of C- or better in the prerequisite course.

Justice, Community, and Leadership

The mission of Justice, Community and Leadership is to prepare students through a social justice framework to be leaders who address critical challenges of our times.

Justice, Community and Leadership is an interdisciplinary program in which students learn how to analyze and engage with some of the most pressing social, educational and environmental justice issues of our times. Through training in critical theory, leadership studies, policy and education, and emphasis on humility and self-reflection, we prepare our students to participate in and lead collective endeavors to make the world a better place.

Many of our courses include working with community members and organizations to learn from their expertise on both the impact of and ideas for addressing structural inequity. Together with these community experts, we grapple with the complexity of policies, laws, and cultural practices that disadvantage some groups of people, while benefiting others and consider how we can be a part of leading for social change. Students in our program go on to work in diverse fields-such as education, the non-profit sector, law, social entrepreneurship, government, and public health-yet they share a common aim to make the world more socially just.

Faculty and Advisory Board

Monica Fitzgerald, Professor, Director

Manisha Anantharaman, PhD, Assistant Professor

Shawny Anderson, PhD, Associate Dean, Liberal Arts

Alicia Rusoja, PhD, Assistant Professor

Tamara Spencer, EdD, Associate Professor, KSOE

Michael Viola, PhD, Assistant Professor

Learning Outcomes for the Justice, Community and Leadership Major

Students who complete this program will be able to:

1. **KNOWLEDGE** Demonstrate an understanding of engaged pedagogy, critical theory, and social systems as related to justice and leadership studies and be able to apply theoretical explanations to empirical examples.
2. **RESEARCH** Use data analysis and interpretation, appropriate library and information literacy skills, and field research to articulate and interpret the complexities of significant social issues.
3. **APPLICATION** By using leadership studies and critical theory, assess a complex social or community issue and develop multiple viable strategies that contribute to a more just social order.
4. **COMMUNICATION** Effectively use oral, written, and new media formats to educate, advocate, and collaborate with multiple audiences.
5. **REFLECTION** Demonstrate, through written and oral self-assessment and reflection, an understanding of the impact of their own academic learning experience and how it prepares them for a life of active citizenship

JCL General Major and Concentrations

The Justice, Community and Leadership program offers three concentrations:

JCL General Major (13.25-13.50 courses)

JCL: Education Specialist Teacher Education (18.75 courses)

JCL: Multiple Subject Teacher Education (21.25 courses)

Undergraduate Teacher Credential Pathway

These concentrations allow students to complete their BA and earn a teaching credential in 4 years.

JCL: Education Specialist

The Education Specialist (SPED) concentration prepares individuals with a passion for teaching students with mild-to-moderate disabilities in grades K-12. We provide a balance of theory and current practice to meet the individual needs of exceptional learners.

JCL: Multiple Subject Teacher Education

The Multiple Subject Teacher Education (MSTE) concentration is built upon a student-centered learning community that inspires excellence and innovation in K-8 education. Through the practice of shared inquiry, collaborative learning and community engagement, we empower our students to lead change according to the principles of social justice and common good.

4+1 Pathway

This 4+1 single subject pathway concentration allows students to complete a BA in 4 years and a Single Subject Preliminary Teaching Credential in one additional year.

Single Subject 4+1 Minor

Incoming first-year students and qualifying sophomores who are committed to becoming middle or high school teachers may declare this minor. This special program enables students to integrate education coursework and field experience in middle and high schools with their undergraduate course of study. With a major in the discipline they would like to teach (History, English, etc.), students will gain the critical framework and field experience necessary to be transformative educators. Students proceed through the SS4+1 minor in a cohort with TFT and other Single Subject 4+1 minors, taking many of their minor courses and all of their field experience with other cohort members.

Leadership Concentration

Leadership for Social Justice 4+1

The MA in Leadership for Social Justice is a concentration in the graduate Leadership Studies program, designed for students interested in practicing leadership for social change in fields such as non-profit, community organizing, law, or public service. The Justice, Community and Leadership program has developed a 4+1 pathway for students to complete their BA in four years and their MA in one additional year. By fulfilling the 4+1 pathway requirements, students can be admitted to the Leadership for Social Justice MA program and begin graduate course work in their senior year.. Students in this concentration fulfill additional requirements. Prospective students must apply separately to the MA in Leadership.

Major Requirements

All students, regardless of concentration, must complete the JCL common curriculum. Students complete additional course requirements determined by their area of concentration. Please note that JCL students meet many requirements of the SMC Core Curriculum within the major and their chosen concentration.

Additional Requirements by Concentration

Students complete all requirements of the JCL Common Curriculum and the additional requirements of their concentration

JCL Minor Requirements

This multidisciplinary minor, housed within the Justice, Community and Leadership Program, incorporates community engagement and issues of social justice into the experiences and curriculum of students interested in learning about the principles and practices of justice, community, and leadership. The minor must consist of at least five courses outside of the student's major(s).

Kinesiology

Faculty

Chi-An Emhoff, PhD, Associate Professor, Chair

Robin Dunn, PhD, Assistant Professor

Craig Johnson, PhD, Associate Professor

Deane Lamont, PhD, Professor

Derek Marks, PhD, Associate Professor

Steve Miller, PhD, *Associate Professor*
Claire Williams, PhD, *Associate Professor*

Learning Outcomes

Department of Kinesiology undergraduates will be able to demonstrate:

- a knowledge of the field's subdisciplines, their theoretical and knowledge bases, and major research foci and implications.
- the ability to analyze, interpret, synthesize, and integrate scholarly material.
- critical thinking through high level written and verbal communication.
- knowledge of the human body and its relevance to physical activity and health.
- knowledge of and ability to effectively utilize contemporary information literacy practices.
- the ability to engage in cogent, in-depth dialogue concerning the value of the field to contemporary society through analyses of historical and current issues and problems.
- professional decision making skills grounded in sound philosophical and theoretical principles.
- an understanding and respect for the value of individuals, communities, and perspectives of difference.

Major Requirements

The Kinesiology major at Saint Mary's College is a four-year course of study leading to either a Bachelor of Arts or a Bachelor of Science depending on the student's area of interest. The major requires rigorous study of the human being in motion. We examine the whole person-anatomically, physiologically, biomechanically, psychologically, sociologically, and historically-across the lifespan. Our domains are health, sport, and physical activity. Students select one area within which to study: Sport and Recreation Management (Bachelor of Arts), Health Promotion (Bachelor of Arts), or Exercise Science (Bachelor of Science). Students may not transfer more than two upper-division courses from another institution for credit in the Kinesiology major. Online courses are generally not accepted for credit in the major.

A minimum 2.0 GPA within the major is required for graduation.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Performing Arts: Dance, Music, and Theatre

The Performing Arts Department offers a unique approach to the study of dance, music and theatre within a Liberal Arts context. Students receive conservatory-calibre training that prepares them for graduate studies or a career in the performing arts, while developing the critical thinking and communication skills that are the hallmark of a liberally educated person. All majors take a sequence of courses in their chosen discipline-emphasizing performance practice, history and theory, criticism and analysis in either music, dance or theatre. Performing Arts students are also encouraged to explore interdisciplinary pathways, through classes and performance opportunities beyond their home program.

The Performing Arts Department offers five separate majors:

- Dance: Choreography and Performance
- Dance Studies
- Music
- Theatre: Performance and Theatre Studies
- Theatre: Design and Technical Theatre

The Performing Arts Department builds creative artists with strong foundational skills and adventuresome spirits. A team-taught core course cultivates thoughtful perception of the arts and introduces the distinctive languages of each medium. Rigorous studio and lab courses build technique, while classes in history, theory and analysis foster critical engagement with the substance and styles of dance, music and theatre. Students learn to discuss and analyze both classic and contemporary works, and to understand the arts in the context of the history of great ideas and artistic achievements that have shaped our world.

The capstone of the Performing Arts degree is the senior project, for which students produce a substantial original research paper or creative work demonstrating their command of artistic and intellectual skills appropriate to the undertaking.

Performing Arts' signature values include:

Mentoring by faculty members who are both outstanding teachers and accomplished artists.

Frequent attendance at world-class dance, music, and theatre performances around the Bay Area.

Multiple and varied performance opportunities, beginning with the first year.

Challenging standards that help students achieve artistic excellence and professionalism.

Master classes, guest lectures and informal contact with professional artists, connecting classroom learning with the real world.

A welcoming and inclusive student cohort experience, in which students of all levels are supported and encouraged in their individual development.

Stimulating creative collaborations and intellectual exchange between programs.

Faculty

Dana Lawton, MFA, *Professor, Dance, Chair (Dance Technique, Choreography, Dance Appreciation, Dance Pedagogy)*

Rosana Barragán, MFA, *Associate Professor, (Phenomenology, Choreography, Somatic Movement, Yoga, Dance Technique)*

CatherineMarie Davalos, MFA, *Professor, Dance Program Director (Dance Technique, Dance History and Theory, Choreography, Somatic Movement)*

Rebecca Engle, MA, *Professor, Head of Performance & Theatre Studies (Acting, Directing, Contemporary Theatre)*

Julie Ford, D.M.A., *Associate Professor, Music Program Director, Vocal/Choral Arts Director (Classical, Pop, and Jazz Choirs, Vocal Science, Private Voice, Conducting)*

Rogelio Lopez, MFA, *Assistant Professor, Director, MFA in Dance, Resident Dance Costume Designer (Dance Technique, Choreography, Costume and Set Design, Ballet Folklorico)*

Amissa Miller, MFA., *Assistant Professor, Theatre (Dramaturgy, African American Theatre, Interactive Theatre, Playwriting)*

Sixto Montesinos, PhD, *Assistant Professor (Music Fundamentals, Orchestration, Sports Band, Chamber Music)*

Lino Rivera, D.M.A., *Professor (Piano, Music History, Music Theory, Form and Analysis, Chamber Music)*

Martin Rokeach, PhD, *Professor Emeritus, Music*

Shaunna Vella, MFA, *Adjunct Assistant Professor, Director of LEAP (Dance Technique, Dance and Social Justice, Repertory)*

Jia Wu, MFA, *Associate Professor, (Dance Technique, Chinese Dance and Diaspora Studies, Dance for the Camera)*

Deanna Zibello, MFA, *Associate Professor, Theatre Program Director, Head of Design and Technical Theatre (Scenic Design)*

Learning Outcomes

When they have completed the Performing Arts Program, students will be able to:

USE specific, technical terms appropriately when discussing works of dance, music or theatre.

ARTICULATE significant structural elements when analyzing a work's form and meaning, and **RECOGNIZE** structural similarities between works of music, dance and theatre.

IDENTIFY significant elements of a work's aesthetic, historical and cultural context, and **COMPARE** the work with others from within a similar context.

UTILIZE a cross-disciplinary perspective and familiarity with the Great Books/Liberal Arts traditions to identify the ways performing artists draw inspiration from nature, history, one's own imagination, and the creative ideas of others.

ENGAGE in critical discourse to explore how social identities are constructed, constrained, reinforced, and treated with inequality by systems of power, including within the field of performing arts. **ANALYZE** issues of access, representation, exclusion, and inclusion in the field and **DEVELOP** an understanding of performance-making as civic practice.

DEVELOP the artist's instrument through exploration of the whole self - i.e., seek an active imagination, sense of one's spirit, use of empathy, ensemble awareness, self-expression, open communication, receptivity, and collaboration.

ACHIEVE the capacity for sustained and focused rehearsal efforts, and for working collaboratively with different directors and performers.

DEMONSTRATE advanced performance skills in live performance to meet the technical demands of masterworks of various styles, eras, and cultures, including original/contemporary works, including the ability to use a variety of techniques within the discipline.

EXHIBIT proficiency in a variety of discipline-specific forms of writing appropriate to the writer's purpose and audience. [Examples: personal reflection; observation and description; critical analysis; evaluation; generating performance texts]

IDENTIFY, locate and evaluate discipline-specific scholarly sources, and competently select, summarize, and synthesize pertinent research findings.

ENGAGE discipline-specific skills and methods that **EXHIBIT** a capacity for goal-setting, time/ resource management, problem-solving and self-reflection in the realization of a capstone creative or research-based project.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course or the permission of the chair to waive that provision.

The Dance program also offers a concentration in Dance Science; consult the Director of the Dance Program, Professor Davalos.

Split Major Agreements

Dance and Biology

Dance and Communication

Dance and English

Dance and Kinesiology

Dance and Studio Art

Musical Theatre and Studio Art

Theatre and Studio Art

Theatre and English

Theatre and Social Justice (Sociology/Ethnic Studies)

Students considering a split major or an individualized major must have a curricular plan approved and on file with the department and the Registrar's Office by the time they have accumulated 22 graduation units. For further information on these or other split or individualized majors, contact Department Chair Dana Lawton at dlawton@stmarys-ca.edu.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course or the permission of the chair to waive that provision.

Philosophy

The Department of Philosophy provides an opportunity for every student to continue, in more structured, critical terms, the spontaneous inquiry into basic questions man has raised from the beginning of time-questions about himself, about God, about the world in which he lives, and the way in which he ought to live.

The word "philosophy" itself, love of wisdom, indicates that the search is not concerned with superficial explanations, but probes beyond appearances for fundamental principles and causes.

Hence courses are offered not only to satisfy a major but also to provide an opportunity for students who are interested in a closer examination of one or more areas of philosophical inquiry as a worthwhile supplement and broadening factor to their specialized field of study.

Faculty

Patrick Downey, PhD, *Professor, Chair*
Wayne H. Harter, PhD, *Associate Professor*
Steven Cortright, MA, *Professor*
Deepak Sawhney, PhD, *Associate Professor*

Learning Outcomes

The Philosophy Department seeks to cultivate a unique virtue in its students and faculty. This intellectual virtue we have called the Philosophical Habit of Mind. It consists, at least, of the following abilities:

- An ability to situate oneself in the Western philosophical tradition of ethical and metaphysical questions and reasoning.
- An ability to account to oneself and to others for the bases of one's actions.
- An ability to reckon with the consequences of one's own and other's practical reasoning in various contexts, both personal and political.
- An ability to raise metaphysical questions in various concrete, lived, literary and political contexts.
- An ability to distinguish and relate the architectonic questions of metaphysics from and to the specialized questions of the sciences and other disciplines.
- An ability to discern the interconnection between various modes of ethical and political reflection and distinct metaphysical positions.
- An ability to pose to oneself the questions raised by the claims of the Christian faith on one's own ethical and metaphysical reasoning.
- An ability to read new or contemporary works in the ongoing tradition of dialectical philosophy with all these abilities at one's disposal.

John F. Henning Institute

The Department of Philosophy hosts the John F. Henning Institute, a center for the study of Catholic social thought, with special emphasis on the question of human work and its centrality to the common good. Students are invited to take part in the institute's program of academic conferences and lectures, publications and seminars.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Politics

The politics major is designed to provide a systematic understanding of political power, political processes and political institutions, both in the United States and the world at large. Politics majors gain insight into public affairs; improve their conceptual, analytical, critical and communication skills; and explore normative questions concerning the relation of individuals to governments and of governments to one another. The curriculum offers courses in four fields: American government, political theory, international relations, and comparative politics. The department advises students to divide their work among the four fields, although a concentrated major may be advised in a particular case. The department also recommends substantial coursework in related disciplines such as economics, history, communication or philosophy.

The politics major provides a liberal arts education that fosters responsible civic engagement and an appreciation of diverse political cultures and identities. It prepares students for fulfilling careers in government service, international affairs, education, journalism, community service and business. It also serves the needs of students who seek postgraduate education in political science, the law, public policy and international studies. Students seeking a career in the legal profession will find that the Politics Department's law-related courses will prepare them with a broad background and specific tools with which to undertake their legal education. See also the Law and Society minor, described below.

Students who expect to pursue graduate study in politics should note that knowledge of foreign languages and/or quantitative reasoning is usually required for a graduate degree. Knowledge of world languages is also particularly important for careers in international affairs. Department faculty advisors assist students in the selection of appropriate courses.

The department participates in several off-campus programs that allow students to combine study with practical experience in public life. Students may arrange to receive academic credit for internships with local agencies, officials or political groups. Students interested in American politics can spend a semester studying at American University in Washington, D.C., which includes an internship with a government agency or interest group.

Faculty

Ronald Ahnen, PhD, *Professor, Chair*
Zahra Ahmed, PhD, *Assistant Professor*
David Alvarez, PhD, *Professor Emeritus*
Wilbur Chaffee, PhD, *Professor Emeritus*
Patrizia Longo, PhD, *Professor*
Stephen Sloane, PhD, *Associate Professor Emeritus*
Melinda R. Thomas, JD, *Professor*
Susan C. Weissman, PhD, *Professor*
Steven Woolpert, PhD, *Professor*

Learning Outcomes

Students who graduate with a politics major will be able to demonstrate:

- knowledge of institutions, principles and theories of American constitutional democracy
- knowledge of: a) political theory and structure, b) dynamics of political conflict, and c) historical and cultural contexts of political events
- clear and effective analysis of significant political issues
- understanding of, and proficiency in research techniques relevant to political science issues
- commitment to civic engagement

Major Requirements (13 Courses)

The Politics major consists of 13 (1 credit) courses.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Law & Society Minor (6 Courses)

See end of Politics section for requirements.

Law & Society Minor

The Law & Society Minor is an interdisciplinary approach to the study of law and its impact on society. It is designed for students who wish to study how social forces influence the legal system and how the law affects society. The Law & Society minor is open to all undergraduates. Offered by the Department of Politics, the minor helps prepare students for a wide range of professional opportunities in justice-related careers in law and related professions. Courses taken to satisfy students' major requirements may not also count towards completion of this minor.

Learning Outcomes

Students who successfully complete this minor will:

- DEMONSTRATE** understanding of the interrelationships among legal, social, and ethical issues
- DEMONSTRATE** understanding of the legal process
- CRITICALLY ANALYZE** the role of law in its political, economic and social context;
- DEMONSTRATE** skill in oral and written expression and critical thinking
- INTEGRATE** theoretical and practical understanding of law and society concepts

Requirements: Students must complete 6 courses, which may be double-counted towards core curriculum requirements. See the list of courses at stmarys-ca.edu/politics/law-and-society-minor/the-law-and-society-minor-curriculum Courses taken to satisfy students' major requirements may not also count towards completion of this minor. At least 4 courses must be upper-division. The 6 courses shall include the Overview course, one Domestic Justice course, one Global Justice course, one Skills course, one Field Placement course, and one Elective course. The elective may be satisfied preferably by choosing an additional course in either Domestic Justice or Global Justice, or by choosing a course from the list of additional electives. Courses may be taken in any order. Some listed courses have a prerequisite or require instructor's permission. January Term courses do not count towards the minor requirements.

Sociology

In the Sociology Department you'll learn to better understand the sometimes confusing nature of human social life. How is social life possible? What do patterns of social life tell us about the world? What is the relationship of the individual to the social order?

In the words of sociologist C. Wright Mills, sociology requires that we exercise our "sociological imagination." That is, we must understand how the issues in the lives of individuals are also the issues of the larger society. We can't understand the individual without understanding society and we can't understand society without understanding the individual. This implies that sociology is deeply personal. We seek to understand society, but in doing so we learn much about ourselves.

Sociology addresses the most pressing social issues in contemporary society: racial and ethnic tensions, gender inequality, poverty, health and illness, social movements, crime and deviance, educational inequality, immigration, globalization and problems in urban environments, just to name a few. Sociologists study everything from the social dynamics of two people in conversation to the social dynamics of political revolutions.

Sociology provides students with a theoretical framework with which to help make sense of an increasingly complex world and the place of the individual within that world. Sociology also provides students with specific methodological tools to investigate the social world and to collect and analyze data about the world we live in.

The sociology major develops research skills, analytical skills and communication skills that are well-suited to students interested in careers in teaching, public and mental health, law, counseling, social work, the criminal justice system, public policy, marketing, journalism and the non-profit sector.

Faculty

Robert Bulman, PhD, *Professor, Chair*
Zeynep Atalay, PhD, *Associate Professor*
Nicole M. Brown, PhD, *Assistant Professor*
John Ely, PhD, *Associate Professor*
Phylis Martinelli, PhD, *Professor Emerita*

Learning Outcomes

When students have completed the sociology program they will be able to:

UNDERSTAND sociological theory and methods and be able to apply theoretical explanations to empirical examples.
RESEARCH and analyze a sociological topic using the appropriate library resources.

WRITE research papers with a clear thesis statement, sufficient support for that thesis, and in accordance with the standards of the American Sociological Association.

EXERCISE their sociological imagination in order to reflect upon questions of personal and social responsibility in a complex and changing society.

APPLY sociological knowledge as they engage with the community beyond the academy.

EMPLOY critical reading, thinking, and writing skills as they research, analyze, and report on a social issue in a way that incorporates what they have learned on a topic of their own choosing.

Prerequisite Grade

A minimum acceptable grade of C- is required for coursework to count toward a minor or the major.

Theology & Religious Studies

Religion is a fundamental dimension of human life: vital, pervasive, richly complex, and multi-faceted. Its traditions, values, beliefs, and practices form the basic categories of meaning for both individuals and cultures. It helps us to ask and answer essential questions about our relationship to God, self, others, and the world.

While the discipline of Theology approaches religion from the perspective of faith, rather than fully embrace Anselm's definition of theology as "faith seeking understanding," a definition that has faith as its starting point, in the academic classroom, we invite students from all faiths and none to explore the meaning, implications, and challenges of faith. As such, one does not need to be a believer to be a theologian or to engage in the disciplined study of theology. Still, as integral to this science, all are invited to explore and wrestle with theology's perennial questions such as: What is the nature of God? How is this revealed to us? What does it mean to believe in God? And ultimately, how should we then live?

The discipline of Religious Studies approaches the human phenomenon of religion from a scholarly and critical standpoint that is more descriptive and anthropological than the normative and confessional nature of the theological quest with its focus on the divine and transcendent. It uses the tools and methods of various disciplines in the humanities and social sciences to investigate religions, separately and in comparison, as well as analyze religious phenomena in general to discover how religion and religious belief affect the fundamental experiences of meaning for cultures and persons. While many scholars of religion draw clear lines between their discipline and theology as they bracket questions of religious truth in an attempt to remain neutral and unbiased, many theologians find themselves greatly indebted to the foundational work of religious studies, and theologians often move easily between the disciplines. Both disciplines explore the challenging question: What counts as "religion"?

We offer courses that systematically and critically analyze a wide range of theological perspectives and ethical questions that are central in the formation of religious identity. As an integral part of the Catholic mission of Saint Mary's College, we strive to provide students with an opportunity to know and intimately understand the Catholic tradition in all its richness and fullness: biblically, historically, theologically, ethically and aesthetically. We also offer courses in a wide array of world religions since it is crucial that future leaders and responsible citizens have an understanding of the ideologies and faiths of their dialogue partners.

Furthermore, the exploration of these essential questions occupies an important place in a liberal arts education which seeks to expand the mind and guide students to a deeper level of understanding. Our offerings continually charge students to think for themselves, to challenge preconceived notions and to remain open to learning from the perspectives of others. As part of our Lasallian heritage and our understanding of what it means to be a person in light of God's love and grace, revealed especially in Jesus Christ, we join with the Christian Brothers in being concerned for the whole person and in fostering a genuine concern for justice in the world while integrating faith and service.

Faculty

Thomas J. Poundstone, PhD, *Associate Professor, Chair*

Michael Barram, PhD, *Professor*

Anne Carpenter, PhD, *Assistant Professor*

Father David Gentry-Akin, STD, *Professor*

David Zachariah Flanagan, PhD, *Professor*

Paul Giurlanda, PhD, *Professor*

Marie Pagliarini, PhD, *Associate Professor*

Norris Palmer, PhD, *Professor*

The Theology & Religious Studies (**TRS**) Department plays a key role in the educational experience at Saint Mary's College, offering not only a major and two minor courses of study, but also participating extensively in the College's core curriculum-by providing courses designed to meet the Theological Understanding goal of the core curriculum. As part of the process of serious academic study, members of the department hope that, in addition to meeting specific core requirements, students will join us in taking pleasure in the study of theology and religion as they learn to converse insightfully and respectfully about it. Moreover, we hope that students will develop an appreciation for the depth and breadth of the Christian tradition while gaining an increasing awareness both of the mystery of life and of themselves as called by that mystery.

Learning Outcomes for Theology & Religious Studies Majors

Majors in Theology & Religious Studies Will:

Core Curriculum

1. **MEET** the outcomes for both "Christian Foundations" and "Theological Explorations" of the SMC Core Curriculum.

Major Content

2. **DEMONSTRATE** an understanding of the biblical, theological, historical, and ethical components of the Christian tradition.
3. **DEMONSTRATE** an understanding of the implications of the Catholic concept of the fundamental dignity of the human person.
4. **DEMONSTRATE** an understanding of the worldview (e.g., beliefs, practices, etc.) of a non-Christian religious tradition.

Major Skills

5. **DEMONSTRATE** an ability to employ contemporary theories and methods of biblical exegesis, systematic theology, and religious studies.
6. **DEMONSTRATE** an ability to explain, analyze, and evaluate multiple informed perspectives in debates about theological and ethical issues.

Prerequisite Grade

TRS 097 (or its junior transfer equivalent, TRS 189) is a prerequisite for any upper-division theology and religious studies course; however, only a passing grade in TRS 097 (or TRS 189) is required, not a minimum grade of C-.

Women's and Gender Studies

Women's and Gender Studies asks fundamental questions about human existence: Are women and men born or made? Do those categories adequately express gender identity and how do we understand femininities and masculinities throughout history? How does intersectionality-racial, ethnic, class, sexual identity-affect the experience of gender? What structures and social forces are involved in shaping our ideas about gender? An interdisciplinary program that invites students to take classes in anthropology, sociology, history, literature, politics and other disciplines, Women's and Gender Studies challenges students to question what is "natural" about gender identities and roles in society; to examine the origins of such views and how they have changed over time; and to analyze how race and class intersect with sexualities and gender to construct modern society and popular culture. The program focuses on uncovering the contributions women have made to society through history and how they have envisioned social justice and the common good. True to its roots in social movements that fought for equality, Women's and Gender Studies seeks to understand how systems of oppression function and how different groups respond to and resist injustice at home and abroad. To that end, the program teaches students to think deeply, to read critically, to write clearly, and to speak convincingly. Furthermore, Women's and Gender Studies prepares students to be agents of change who take community responsibility and social justice seriously, offering them multiple opportunities to engage in service learning and similar projects. Thus the program fulfills its mission of educating the whole person for the complexities of a globalizing world.

Women's and Gender Studies courses are interdisciplinary in nature, cross-listed with a range of departments including but not limited to anthropology, biology, communication, English, ethnic studies, history, performing arts, politics, psychology, sociology, Spanish, theology and religious studies.

Advisory Board

Myrna Santiago, PhD, *History, Women's and Gender Studies, Director*

Zeynep Atalay, PhD, *Sociology*

Monica Fitzgerald, PhD, *Justice, Community & Leadership*

Emily Klein, PhD, *English*

Jennifer Heung, PhD, *Anthropology*

Molly Metherd, PhD, *English*

David Quijada, PhD, *Ethnic Studies*
Alvaro Ramirez, PhD, *Ethnic Studies*
María Luisa Ruiz, PhD, *Global and Regional Studies*
Scott Schönfeldt-Aultman, PhD, *Communication*
Sharon Sobotta, *Director of the Women's Resource Center*
Aeleah Soine, PhD, *History*
Denise Witzig, PhD, *Women's and Gender Studies*

Faculty Affiliates

Shawny Anderson, PhD, *Communication, Associate Dean of Liberal Arts*
Catherine Davalos, MFA, *Performing Arts*
Rebecca Engle, MA, *Performing Arts*
Jose Feito, PhD, *Psychology*
Rosemary Graham, PhD, *English*
Jeannine King, PhD, *English*
Kathryn Koo, PhD, *English*
Gretchen Lemke-Santangelo, PhD, *History*
Patrizia Longo, PhD, *Politics*
Hilda Ma, PhD, *English*
Lisa Manter, PhD, *English*
Marie Pagliarini, PhD, *Theology and Religious Studies*
Cynthia Van Gilder, PhD, *Anthropology*
Claire Williams, PhD, *Kinesiology*

Learning Outcomes

When students have completed a minor or major in the Women's and Gender Studies Program, they will be able to:

IDENTIFY and understand assumptions and arguments about gender, race, class, and sexuality in scholarly, popular, public, and interpersonal discourses.

EVALUATE diverse theories of feminism and debates about gender.

DIFFERENTIATE among complex and diverse points of view regarding gender, race, class, and sexuality in a variety of academic fields.

WRITE clear and well-reasoned prose employing appropriate methods of research in the field.

ENGAGE in Social Justice Praxis, including intellectual or social advocacy locally or globally.

Split Majors

Split majors combine work in Women's and Gender Studies and another academic department or program. A split major must be approved by the chairs or directors of both departments. This major ordinarily comprises nine upper-division courses (six in one field and three in another), in addition to the lower-division prerequisites in WGS (ie., WGS 001) and the other department. All split majors in WGS must complete the four core courses (WGS 001, WGS 107, WGS 177, WGS 196).

World Languages and Cultures

Our language programs play a fundamental role in the College's mission to educate for a global community. We encourage students to become actively engaged learners of diverse cultural traditions and global perspectives through the study of world languages, literatures, and cultures.

The programs in the Department of World Languages and Cultures emphasize language proficiency, analysis of different kinds of complex texts, cross-cultural competence, and study abroad. This preparation allows students to use their language, critical thinking skills and artistic literacy in various professional fields. Linguistic and cultural competency in a second language also allows students to participate more fully in local and international communities, enjoying a richness of life that goes beyond national boundaries.

Saint Mary's College proposes that all of its graduates should have knowledge and understanding of another culture and its language (see below, language proficiency requirement). To this end, the department has created a lower-division curriculum

whose learning outcomes meet criteria established by the American Council on Teaching of Foreign Languages (ACTFL). All students will demonstrate intermediate language skills-listening, speaking reading and writing-in the target language. Instruction balances a solid grammatical foundation with practical training, including exposure to culture and geography, in both classroom and multimedia settings.

The Department of World Languages and Cultures offers courses in French, German, Italian, Japanese, and Spanish. Students can pursue a major in Spanish or French, and/or a minor in French, Spanish, East Asian Studies, German Studies or Italian Studies. Students interested in foreign language study are encouraged to explore the options of a major in Spanish or French; a double major in a foreign language and another discipline; a language minor to complement a major in another academic area; or a language studies minor. Additionally there are many natural links between the department's course offerings and those of other departments with the same goal of global learning, such as Global and Regional Studies and History.

We strongly encourage our students to study abroad for a semester or more. Students can choose from SMC sponsored programs in China, France, Germany, Italy, Japan, Mexico, and Spain, or from many other international centers through Lasallian exchanges and independent programs.

Furthermore, proficiency in a second language is the natural complement to the local and international internships described in the internship database available through the department's website. We support our students as they apply their cultural knowledge through internships related to their language of study. Students who secure an internship gain valuable work experience, enhance their professional skills, and lay the groundwork for their future careers.

We strive to prepare our students with the communicative skills necessary to participate successfully in an increasingly globalized working environment that asks for culturally knowledgeable, multilingual citizens.

Faculty

Claude-Rhéal Malary, PhD, *Associate Professor, Chair*
David Bird, PhD, *Professor*
Costanza G. Dopfel, PhD, *Professor*
Joan U. Halperin, PhD, *Professor Emerita*
Helga Lénárt-Cheng, PhD, *Associate Professor*
Brother Michael Murphy, PhD, *Visiting Associate Professor*
Alvaro Ramirez, PhD, *Professor*
María Luisa Ruiz, PhD, *Associate Professor*
Lori Spicher, PhD, *Associate Professor*
Frances Sweeney, PhD, *Professor*
Maureen Wesolowski, PhD, *Professor Emerita*

Programs Offered

The Department offers a major in French and Spanish, and a minor in East Asian Studies, French, German Studies, Italian Studies, or Spanish. In addition to a program of study for students who wish to major or minor in language, the Department of World Languages and Cultures plays a key role in the educational experience of all Saint Mary's students through the language requirement of the Core Curriculum.

Saint Mary's College Language Requirement

Learning Outcomes for the Language Requirement

After completing levels 1-3, students will be able to:

UNDERSTAND and **PRODUCE** speech in a variety of personal and social contexts; initiate and sustain conversations about multiple topics in the past, present and future tenses.

READ and **COMPREHEND** texts with varied subject matter, multiple points of view and verb tenses.

WRITE prose that includes description and narration on a variety of topics with appropriate vocabulary;

PROVIDE interpretations and supporting ideas.

EXHIBIT understanding and demonstrate knowledge of cultural, geographical, historical and sociopolitical aspects of other societies.

DEMONSTRATE an ability to see the world from multiple perspectives and become aware of themselves as members of the global community.

Language Placement Exam

Incoming students are strongly encouraged to take the Foreign Language Placement Exam unless they have successfully completed three years of the same language during high school with a grade point average of 3.0 or higher each term. The placement exam should be taken online at stmarys-ca.edu/orientation prior to attending orientation. Students should contact the Language Placement and Proficiency Coordinator who will assist them with access to the online exam. Students may take the placement exam once during each academic year and results are valid for one academic year. For placement in all other languages, students must contact the Placement and Proficiency Coordinator in the Department of World Languages and Cultures.

Advanced Placement Credit

Students who have taken the AP exam in language and had a score of 3 receive course credit for level 3. For a score of 4, a student receives credit for levels 3 and 4. For a score of 5, a student receives credit for levels 4 and 9 or 10. Native speakers of Spanish who did not take the AP language exam are required to take SPAN 009. Students who have taken the AP exam in literature should consult the Placement and Proficiency Coordinator for appropriate placement.

French Studies

Major Requirements for French Studies

The French Studies major cultivates skills in research, analysis and cross-cultural communication that are essential to a lifetime of intellectual engagement and a wide variety of careers. Students in French Studies can pursue one of two options. Option A is a program for students who wish to study French but may not plan to continue to graduate school (although it does not preclude further study at the graduate level). Option B is an Honors major program for students intending to continue the study of French at graduate level. For the Honors option, a GPA of at least 3.0 in the major is required, as is the recommendation of two instructors.

Learning Outcomes for the Major in French Studies

DEMONSTRATE career-ready proficiency in all language modalities (speaking, writing, listening, reading) for a variety of purposes and a range of content and context

DEMONSTRATE knowledge of literary texts and traditions across time, including major literary and intellectual movements, genres, writers and works, and ability to discuss and analyze literary texts from a variety of media

DEMONSTRATE knowledge of several French-speaking cultures across time and geography, and ability to articulate an understanding of global perspectives, practices and products of those cultures

ARTICULATE a critical analysis of artifacts and phenomena within the above-mentioned areas of content and cultural knowledge

Split Major with French

The split major in which French is the predominant field of study requires FREN 001, FREN 002, FREN 003, FREN 004, FREN 005, FREN 015 (.25), FREN 100, FREN 101, FREN 196 (.25) and four electives. The split major in which French is not the predominant field requires FREN 001, FREN 002, FREN 003, FREN 004, FREN 005, FREN 015 (.25), FREN 100, FREN 101, FREN 196 (.25) and three electives.

Spanish and Latin American Studies (SaLAS)

Major Requirements for Spanish and Latin American Studies (SaLAS)

In addition to preparing students for a number of careers, the major in Spanish and Latin American Studies (SaLAS), assists students who wish to pursue graduate education. The program of study is

vibrant, flexible, challenging, and engaging. The SaLAS concentration cultivates skills in communication, research, and analysis that are essential to a lifetime of intellectual engagement with the language, cultures and literatures of Spain and Latin America, and of Latinos in the United States. The courses required for the major fall into three broad categories: Hispanic Literary Studies, Hispanic Linguistic Studies, and Hispanic Cultural Studies.

The courses in Literary Studies offer students knowledge of the literatures and cultures of the Spanish-speaking world while achieving competency in the language. Students completing these courses will study the rich literary and cultural texts and traditions of Spain, the Americas, and the Caribbean. They will discuss major literary and intellectual movements, genres, and writers. As they do so, they will learn about history, politics, human rights, social activism, and gender roles through the lens of fictional and non-fictional characters, including the voices of writers who represent diverse class, gender, and ethnic backgrounds.

The courses in Hispanic linguistics offer students who are interested in the study of the linguistic fields of the Spanish language an increased understanding of language use and change. They provide excellent preparation for those whose career goals include graduate study in language and linguistics, and those aspire to work in education, teaching, interpretation, and translation. They are also designed for those who wish to combine language study for the professions with another discipline (e.g., Education, Health Sciences and Psychology, Business, Justice, Community and Leadership).

The courses in Hispanic Cultural Studies are tailor-made for students interested in gaining a multidisciplinary understanding of the culture, languages and artistic artifacts of the Spanish-speaking world. From a variety of perspectives and through the use of diverse analytical tools, these courses provide students an understanding of the history, cultures, and contemporary issues of Latin America, including the presence of Latinos in the U.S. Literature, film, music, politics, art, and history, among others, are featured.

Learning Outcomes for SaLAS Major:

Students who complete this major will be able to:

Demonstrate a career-ready proficiency in all language modalities (speaking, writing, listening, and reading) for a variety of purposes and a range of content and contexts.

Develop an understanding of the linguistic nature of Spanish, including its primary fields (phonology, morphology, syntax, semantics, sociolinguistics and dialectology, language acquisition, second language pedagogy, and historical linguistics).

Demonstrate knowledge of Spanish and Latin American literary texts and traditions across time, including major literary and intellectual movements, genres, writers, and works; and discuss and analyze literary texts from a variety of sources.

Demonstrate knowledge of Hispanic cultures and communities across time and geography, and articulate an understanding of global perspectives, practices, and products of those cultures.

Split Major with Spanish

The split major in which Spanish is the predominant field of study requires SPAN 009/SPAN 089 or SPAN 010/SPAN 090; SPAN 011/SPAN 091; 6.25 upper-division courses which must include SPAN 101; SPAN 102; two of the following: SPAN 120, SPAN 121, SPAN 140, SPAN 141; two electives, and SPAN 196. The split major in which Spanish is not the predominant field requires SPAN 009/SPAN 089 or SPAN 010/SPAN 090; SPAN 011/SPAN 091; three upper-division courses, one of which must be SPAN 101 or SPAN 102; and SPAN 196.

Minors in World Languages and Cultures

Learning Outcomes for a Minor

Students graduating with a minor in East Asian Studies, French, Italian Studies, German Studies, or Spanish will be able to:

CONVERSE using the present, past and future tenses in everyday situations.

DEMONSTRATE satisfactory reading and writing skills.

ENGAGE the target culture through various disciplines, including politics, economics, anthropology, history, literature and art.

Prerequisite Grades

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Interdisciplinary

School of Science - Departments

School of Science

Allied Health Science

The School of Science offers an interdisciplinary major in allied health science. This program provides a strong foundation in natural science and human biology. The Allied Health Science major prepares students to pursue graduate programs in physical therapy, physician assistant, nursing, occupational therapy, public health, and other health careers that require a science background and have a service orientation (listed below). The student must meet with the Allied Health Advisor on admission to the College to design a course of study that will meet their individual needs and interests.

The AHS major is consistent with the mission of the College to offer students a diverse liberal arts curriculum that is enhanced by an area of study-in this case the biological, biochemical, chemical, psychological, and physical sciences. The courses that fulfill the AHS major allow students to acquire scientific knowledge, integrate that knowledge among different fields of science, and apply it in the professional environment. Finally, the AHS major facilitates education of a community of students with common goals to enhance the health and well-being of their communities through a variety of health service-oriented professions.

Learning Outcomes

1. **DEMONSTRATE** competence in the scientific principles of human health in all four major areas of Allied Health Science: biology, chemistry, psychology, and kinesiology including knowledge of human anatomy and physiology and its relevance to human health;
2. **UNDERSTAND** and practice scientific inquiry through observation and/or experimentation including logic of experimentation, data analysis and ethical implications;
3. **ANALYZE**, interpret, integrate and evaluate scientific literature with the ability to communicate findings in a written format;
4. **GAIN** exposure to professional environments where philosophical and theoretical principles are applied while demonstrating an understanding and respect for the value of individuals, communities, and perspectives of difference.

Career Paths

See career paths below and electives need to complete prerequisites for various degree programs:

Physical Therapy (take PHYSI 010 & PHYSI 011 and PSYCH 140, PSYCH 152, & PSYCH 160)

Occupational Therapy (take PSYCH 140, PSYCH 152, & PSYCH 160)

Physician Assistant (take PHYSI 010 & PHYSI 011, CHEM 104 & CHEM 106, BIOL 105, BIOL 130, and Anthropology/Sociology)

Medical Assisting (take PHYSI 010 & PHYSI 011 and CHEM 104 & CHEM 106)

Nursing (take AHS 101, BIOL 105, BIOL 130, and COMM 112 - also note that a 1-year Accelerated Bachelor's of Science in Nursing Degree is required after SMC graduation)

Medical and Clinical Lab Tech (take PHYSI 010 & PHYSI 011 and CHEM 104 & CHEM 106)

Sonography (take PHYSI 010 & PHYSI 011)

Nutrition (take PHYSI 010 & PHYSI 011 and CHEM 104 & CHEM 106)

Dietetics (take CHEM 104 & CHEM 106, BIOL 105, BIOL 130, BIOL 135 , AHS 101)

Genetic Counseling (take CHEM 104 & CHEM 106)

Radiologic Technology (take COMM 112, PHYSI 010 & PHYSI 011, and Medical Terminology off campus)

Nuclear Medicine (take COMM 112, PHYSI 010 & PHYSI 011, and Medical Terminology off campus)

Public Health

Health Administration

Phlebotomy

Paramedic & EMT

Major Requirements

The Allied Health Science major comprises 16 lower- and upper-division courses, many with corresponding laboratories, detailed below. To officially declare an Allied Health Science major, students must have completed CHEM 008 & CHEM 009 with a C- or better. In order to finish an Allied Health Science major within four years, it is essential that students complete CHEM 010 & CHEM 011 prior to the beginning of their sophomore year.

Biochemistry

Biochemistry is the study of biological phenomena using chemical principles. The Biology and Chemistry departments jointly offer a major in biochemistry to serve students whose scientific interests lie at the intersection between biology and chemistry. Majoring in this important interdisciplinary field will prepare students for a variety of options upon graduation: employment in the biotechnology, pharmaceutical, or similar industries; graduate work in biochemistry or many related fields; entry into professional schools such as medicine or dentistry; or teaching at the K-12 level. Using a balance of theoretical and experimental work, the curriculum attempts to provide students with a solid understanding of fundamental concepts, the ability to reason through unfamiliar problems, the tools to investigate a topic in depth, and the communication skills that are needed to share information with others.

By majoring in biochemistry, students will fulfill many learning outcomes that can be arranged under three broad categories: 1) Obtain a solid foundation in fundamental biochemical concepts; 2) Acquire the tools to independently investigate a topic; 3) Develop habits of critical thinking and communication that can reinforce many of the College's core curriculum goals.

Faculty and Steering Committee

Jeffrey A. Sigman, PhD, Professor, Director

James Berleman, PhD, Associate Professor

Vidya Chandrasekaran, PhD, Associate Professor

Jim Pesavento, PhD, Assistant Professor

Karen Ruff, PhD, Assistant Professor

Learning Outcomes

The learning outcomes for the biochemistry major are organized into three general categories. Students graduating in the biochemistry major will:

OBTAIN a solid foundation in the fundamental language and concepts of biochemistry and an understanding of issues at the forefront of the discipline

DEVELOP skills required for critical thinking and independent investigation

DEVELOP skills of communication and collaboration

Admission Requirements

Students planning a major in biochemistry must present credits in one year of chemistry, one year of physics, and four years of mathematics, and should have at least a B average in these subjects. Students with a good high school record but lacking credit in any of these subjects should remedy any deficiencies in summer school. Students majoring in a science should be particularly alert to the language proficiency requirement.

Prerequisite Grade

Any course listed in this major with a prerequisite assumes a grade of C- or better in the prerequisite course. The lower- and upper-division courses in this major are listed on the Biology and Chemistry Department pages.

Major Requirements

This major is interdisciplinary, bridging the two fields of biology and chemistry, so the lower-division requirements are nearly the same as those for the two respective major programs. The lower- and upper-division courses in this major are listed on the Biology and Chemistry Department pages.

Biology

The Biology Department offers a full range of courses designed to introduce undergraduate students to the major areas of modern biological science. The primary goals of the department are to prepare students for advanced study and research in biology and related sciences; for postgraduate study in medicine, dentistry, and the other health professions; and for careers in education, industry, agriculture, government service and veterinary medicine. Students interested in the health professions should check the Pre-Professional section of the catalog for additional information.

Faculty

Rebecca Jabbour, PhD, *Associate Professor Evolution, Anatomy, Chair*

James Berleman, PhD, *Associate Professor Microbiology, Microbial Ecology, Genetics*

Carla C. Bossard, PhD, *Professor Terrestrial Ecology, Plant Science*

Vidya Chandrasekaran, PhD, *Professor Developmental Genetics, Biochemistry, Physiology*

Jessica Coyle, PhD, *Assistant Professor, Ecology*

Margaret F. Field, PhD, *Associate Professor Emerita Physiology, Cell Biology*

Keith E. Garrison, PhD, *Professor Immunology, Genetics, Molecular Biology*

Khameeka Kitt-Hopper, PhD, *Assistant Professor Cell and Molecular Biology, Anatomy and Physiology*

Phillip Leitner, PhD, *Professor Emeritus Conservation Biology, Desert Ecology*

Jacob F. Lester, PhD, *Professor Emeritus Zoology, Parasitology*

Michael P. Marchetti, PhD, *Fletcher Jones Professor of Biology, Aquatic Ecology, Conservation Biology, Invasive Species*

James Pesavanto, PhD, *Associate Professor Biochemistry, Molecular Biology*

Sonya Schuh, PhD, *Associate Professor Cell Biology, Developmental Biology, Physiology*

Gregory R. Smith, MS, *Professor Anatomy, Physiology*

Learning Outcomes

Students who graduate with a major in biology will be able to:

DEMONSTRATE a solid knowledge in all three major areas of biology: molecular and cellular, organismal and ecology and evolutionary.

ANALYZE logically and critically scientific information.

APPLY knowledge they have already mastered from current and previous courses to the exploration of new areas of inquiry.

COMMUNICATE skillfully through written and oral reports.

USE biological methodology competently for laboratory research.

INTEGRATE an awareness of ethical issues with their understanding of and work in biology.

Suggested Biology Major Program

A suggested four-year program of study for a major in biology is available from department faculty. Faculty advisors should be consulted on a regular basis to assist in selecting courses and arranging specific curricula relating to fulfillment of major and core curriculum requirements, as well as particular career goals and personal interests. Students majoring in science should be particularly alert to the language proficiency requirement. Students may select courses of their choice for remaining electives. It is important to note that certain upper-division courses are offered in alternate years.

January Term

Frequently, faculty members in the Biology Department offer courses during the January Term. Since it is the policy of the department to provide a variety of learning experiences during this term, the following kinds of courses are often offered: (1) Seminars designed to probe special areas of current interest in the biological sciences through readings in the primary literature, preparation of reports and class discussions; (2) Field courses, based either on campus or at a field site, that provide experience in the study of natural ecosystems; (3) Directed research into topics in experimental or field biology of interest to faculty and students; (4) Independent study courses either on campus or by special arrangement at universities or research institutions. It is the general policy of the department that courses taken during the January Term cannot be used to satisfy requirements for the major.

Preparation for Medicine, Dentistry and Other Health Professions, and Veterinary Medicine

See the section in this catalog under Pre-Professional Curricula.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Chemistry

The Chemistry Department seeks to offer a versatile academic program that will prepare students for a variety of options upon graduation: employment in industry, graduate work in chemistry or related fields, entry into professional schools such as medicine or dentistry, or teaching at the K-12 level. Using a balance of theoretical and experimental work, the curriculum attempts to provide students with a solid understanding of fundamental concepts, the ability to reason through unfamiliar problems, the tools to investigate a topic in depth and the communication skills that are needed to share information with others.

The department recognizes that since chemistry is a discipline whose primary focus is the underlying substances of the universe, it is important both independently and in relation to other fields of study. For these reasons the department strives to connect the curriculum to other disciplines and real-world examples whenever possible, and to routinely offer courses to meet the needs of students who are not science majors.

Faculty

Valerie A. Burke, PhD, Associate Professor, Chair

Kenneth J. Brown, PhD, Professor

Steven J. Bachofer, PhD, Professor

Joel D. Burley, PhD, Professor

John S. Correia, PhD, Professor Emeritus

Zuleikha Kurji, PhD, Assistant Professor

Mark Lingwood, PhD, Associate Professor

Karen M. Ruff, PhD, Assistant Professor

Michelle L. Shulman, PhD, Associate Professor

Jeffrey A. Sigman, PhD, Professor
Elizabeth Valentin, PhD, Assistant Professor

Learning Outcomes

The learning outcomes for the Chemistry Department are organized into five general categories:

TOOLS for learning
FUNDAMENTAL knowledge and conceptual understanding
INVESTIGATIVE skills
COMMUNICATION skills
SOCIETAL AWARENESS and concerns

Preparation for Success

Students planning a major in chemistry should present credits for one year of chemistry, one year of physics, and four years of mathematics, and should have at least a B average in these subjects. Students with a good high school record but lacking credit in any of these subjects should remedy any deficiencies in summer school. Students planning a science major should be particularly alert to the language proficiency requirement (see Program of Study) and the math diagnostic prerequisite for entrance into CHEM 008.

Major Requirements

The Chemistry Department offers several options for the student interested in chemistry:

1. The bachelor of science (B.S.) chemistry major provides a solid foundation for students pursuing careers in technically intensive fields or graduate study. It is particularly appropriate for students with strong mathematical skills.
2. The chemistry major with an environmental concentration (B.S.) is designed for students with an interest in applying chemistry to the study of environmental systems and issues.
3. The bachelor of arts (B.A.) chemistry major provides students the flexibility to undertake a minor, prepare for a single-subject teaching credential, or complete courses for medical or professional school. It can also prepare students for employment with a number of firms in the scientific and medical arenas.
4. The biochemistry major (B.S., offered jointly with the Biology Department; see Biochemistry major for more information).

A suggested four-year program of study for any major in chemistry or biochemistry is available from any Chemistry Department faculty member.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course, unless noted otherwise in the course description.

3+2 Engineering Program

Through the 3 + 2 Engineering Program, Saint Mary's offers students the benefits of a liberal arts education while allowing them to pursue an engineering degree. Students spend their first three years at Saint Mary's taking physical science, mathematics, humanities and social science courses. The final two years are completed at an engineering school approved by the program's director. Upon completion of all academic requirements, students are granted two degrees: a bachelor of arts from Saint Mary's College and a bachelor of science in engineering from the university they have chosen for completing the final two years of the program. The full range of engineering specializations can be studied: Computer Science, Electrical Engineering, Biomedical Engineering, Aeronautical Engineering, Chemical Engineering, and Mechanical Engineering. Saint Mary's has a transfer agreement with Washington University in St. Louis which guarantees admission to our students who have a grade point average of at least 3.25.

Faculty

Jessica Kintner, PhD, Director; Professor of Physics and Astronomy

Learning Outcomes

After completing the Engineering Program at Saint Mary's, students will have a working knowledge of the physical world and mathematics, and a developed ability to reason and communicate. These gains will allow the students to succeed in the specialized engineering courses taken after transferring and to work effectively as an engineer upon graduation.

Environmental and Earth Science

The Environmental and Earth Sciences (EES) programs provide students with foundational knowledge from many disciplines. This knowledge is then applied to the study, management, and conservation of the environment and living systems around us. Students examine the structure, function and dynamics of ecosystems, the interaction between biotic and abiotic systems, and explore how human enterprise is adversely affecting our global environment. Students examine how environmental degradation and pollution can be lessened or prevented by the application of conservation and management principles derived from ecological theory. Our students work towards a deep understanding of the natural world around them, while at the same time acquiring practical skill sets useful for addressing the serious environmental issues with which we as a society are faced. Our degree programs foster deep critical thinking and scientific understanding and offer a range of heuristic approaches to addressing environmental issues that span from the natural sciences to aspects of the social sciences and humanities.

The location of Saint Mary's College, on the cusp between the urban centers of the Bay Area and the more rural setting of the coast range and the Central Valley provide unique opportunities for our students. Due to our location we have easy access to freshwater systems, (streams, wetlands, etc.), the Sacramento San Joaquin Delta, the coast range mountains, mixed oak woodland forests, and chaparral communities. Some of our students are also able to take advantage of internships in a variety of fields due to our proximity to the greater San Francisco Bay Area.

Faculty

Alice Baldrige, PhD, Director

(Geological and planetary sciences, aqueous geochemical systems)

Manisha Anantharaman, PhD

(Environmental Justice)

Steven Bachofer, PhD

(Inorganic/Environmental Chemistry)

Carla C. Bossard, PhD

(Terrestrial ecology, plant science)

Joel Burley, PhD

(Atmospheric Chemistry, pollution in national parks and forests)

Michael P. Marchetti, PhD

(Aquatic and marine ecology, conservation biology)

Asbjorn Moseidjord, PhD

(Environmental economics)

Myrna Santiago, PhD

(Environmental history)

Nekesha Williams, PhD

(Environmental Sciences, coastal and hydrological systems, GIS)

Steven Woolpert, PhD

(Environmental politics)

Learning Outcomes

When students complete the Environmental Science and Studies programs, they will be able to:

RECALL and synthesize the knowledge derived from biology, chemistry, physics, earth science, economics and political science to better understand the earth's environment.

COMPREHEND environmental problems from multiple perspectives.

EVALUATE the credibility of varying sources of information on environment.

DISPLAY cognizance of ethical considerations and be mindful of them when constructing solutions to environmental problems.

RECOGNIZE the interconnectedness of earth's ecosystems and human dependence on them.

COMMUNICATE environmental findings through seminars, written scientific reports and visual presentations.

KNOW how to access information on environmental topics from library sources, original scientific literature and the Internet.

DEMONSTRATE competence in using the basic equipment used to gather information on the environment.

RECOGNIZE processes and patterns of environmental interactions.

Curriculum and Course Requirements

Two degrees are offered. A bachelor of science (BS) in Environmental Science and a bachelor of arts (BA) in Environmental Studies. The bachelor of arts program involves less scientific rigor than the bachelor of science. Three minors are also offered in Environmental Science, Environmental Studies and Earth Sciences. All environmental science and studies majors will also be required to do either a research internship or a senior research thesis (such as the ongoing summer research program in the School of Science) or a senior project.

Mathematics and Computer Science

Mathematics is a liberal art fundamental to a true education. Its study trains students in analytical thinking. Graduates of the department are active in an extraordinarily wide range of careers. The department offers a bachelor of science degree in mathematics with a pure, applied, and computer science track. A minor in mathematics is available.

Faculty

Ellen Veomett, PhD, Professor, Chair

Kristen Beck, PhD, Associate Professor

Andrew Conner, PhD, Associate Professor

Charles R. Hamaker, PhD, Professor

Chris Jones, PhD, Professor, Chair

Lidia R. Luquet, PhD, Professor Emerita

Michael Nathanson, PhD, Professor

Brother Raphael Patton, FSC, PhD, Professor Emeritus

Kathryn F. Porter, PhD, Professor

Jane R. Sangwine-Yager, PhD, Professor Emerita

Jim Sauerberg, PhD, Professor

Learning Outcomes

When they have completed a mathematics major, students will be able to:

DEMONSTRATE a mastery of the core SMC undergraduate mathematics curriculum.

COMMUNICATE mathematical ideas and concepts correctly and clearly in both oral and written forms using mathematical reasoning and terminology and symbolic representation.

UNDERTAKE scholarly investigations using appropriate mathematical resources.

INTEGRATE the use of technological tools into their investigations.

DEMONSTRATE knowledge of connections within mathematics and applications to other fields.

Major Requirements

The Department of Mathematics and Computer Science offers three tracks within the mathematics major: Pure, Applied, and Computer Science. Each is a Bachelor of Science degree.

A student wishing to major in mathematics should have a strong interest in the field and normally a background of four years of high school mathematics (two years of algebra, one year of geometry and one year of pre-calculus or equivalent).

Prerequisite Grade

Any course listed in this department with a prerequisite requires a grade of C- or better in the prerequisite course.

Suggested Four-Year Program

First-year students should take MATH 027 and MATH 038 and MA/CS 021. Failure to take these courses in the first year may make it impossible to complete the major in four years. It is also recommended for first-year students to enroll in PHYSI 001, PHYSI 002, PHYSI 003, PHYSI 004 or CHEM 008, CHEM 009, CHEM 010, CHEM 011. Those interested in developing a four-year program of study toward a major in mathematics may consult any department faculty member.

Computer Science

Courses in computer science are designed to introduce students to the design of computer systems and their current applications, and to prepare students for using the computer as a tool to solve complex problems in the future. The emphasis is on the fundamental principles and questions of computation and computer structures.

Minor Requirements

A student wishing to minor in computer science should have a strong interest in at least one area of application of computer science. Normally, a student is expected to have a background of four years of high school mathematics (two years of algebra, one year of geometry and one year of precalculus or equivalent). Students may not complete both the mathematics major and the computer science minor.

Physics and Astronomy

Physics in this century has become a complex endeavor reflecting many centuries of experimentation and theory. It is an enterprise conducted by men and women who are stimulated by hopes and purposes that are universal: to understand and describe nature in its most elementary form. Physics and astronomy courses train students to carefully observe physical phenomena and to interpret the phenomena using synthesis, mathematical modeling and analysis. These methods represent a way of knowing that is central to the scientific method. The department is dedicated to teaching students with majors in science, as well as general science education in the liberal arts tradition.

Faculty

Mari-Anne M. Rosario, PhD, *Professor, Chair*

Brian R. Hill, PhD, *Assistant Professor*

Jessica C. Kintner, PhD, *Professor*

Aaron Lee, PhD, *Assistant Professor*

Chris M. Ray, PhD, *Professor*

Roy J. Wensley, PhD, *Professor*

Learning Outcomes

Students who graduate with a major in physics will be able to analyze complex and subtle physical phenomena and systems. The successful student will be able to identify the physical and mathematical principles relevant to a system—even principles that are addressed in separate courses and disciplines. Using the principles they identify, students will be able to carry out the necessary analysis and synthesis to model the system accurately, and will be able to effectively communicate their results.

Major Requirements

Bachelor of Science

The bachelor of science (BS) degree in physics is designed for students who wish to pursue careers or graduate study in scientific and technically intensive fields.

Prerequisite Grade

Any course listed in this department with a prerequisite assumes a grade of C- or better in the prerequisite course.

Psychology

The major in psychology is a four-year program leading to a Bachelor of Science degree. Students majoring in psychology are introduced to a spectrum of psychological theories, experiments and problems within the context of a liberal arts college. Although there is considerable breadth in the Department of Psychology's course offerings, an orientation embracing both research and application is emphasized. Psychology majors having earned their Bachelor's degrees are prepared for many different endeavors. For example, they may pursue further study at the graduate level; become involved with the work of counseling centers, elementary and secondary schools, or youth authority facilities; earn a credential in early childhood education and/or in special education; or pursue a career in human resource management. Psychology is also an excellent preparation for careers in law, medicine or business.

Faculty

Emily Hause, PhD, Professor, Chair
Mark S. Barajas, PhD, Assistant Professor
Lynnyonne D. Cotton, PhD, Associate Professor
Elena A. Escalera, PhD, Professor
José A. Feito, PhD, Professor
James McCauley, PhD, Assistant Professor
Hiroko Nakano, PhD, Professor
Keith H. Ogawa, PhD, Professor
Makenzie O'Neil, PhD, Assistant Professor
Sara K. Stampp, PhD, Professor
James A. Temple, PhD, Professor
Mary True, PhD, Professor Emeritus
Hoang J. Vu, PhD, Professor
Paul Zarnoth, PhD, Associate Professor

Learning Outcomes

Upon completion of the requirements for the bachelor of science degree in psychology, students will be able to:

DEMONSTRATE knowledge of and be able to critically analyze the theoretical approaches, research findings, and historical trends in psychology.

UNDERSTAND multiple research methods and statistical tools and be able to use them to design research and collect, analyze, and interpret data, as well as proficiently write a research report using standard APA format.

DEMONSTRATE an understanding of the multiple ways gender, culture, age, and sexual orientation affect psychological processes (e.g., perception, memory, learning, affect, social behavior, and development).

APPLY psychological theory and research to real-world problems and issues.

Full Credit Course Requirement

All course requirements for the Psychology major must be met by full credit courses. In other words, .25 and .50 credit courses may not be used to fulfill course requirements in the Psychology major.

Course Prerequisites and Requirements

A minimum grade of C- in all prerequisites is required for admission to all courses. Prerequisites may be waived at the discretion of the instructor.

Transfer Credit in Psychology

Students already enrolled at Saint Mary's College who wish to transfer credit for an off-campus psychology course other than PSYCH 001 must submit a formal petition to do so to the chair of the Psychology Department before enrolling in the course.

Concentrations

In addition to general psychology, there are four major concentrations in the Department of Psychology. A student may elect to follow any one of these programs for a bachelor of science degree: