
Undergraduate Bulletin

2006-2007

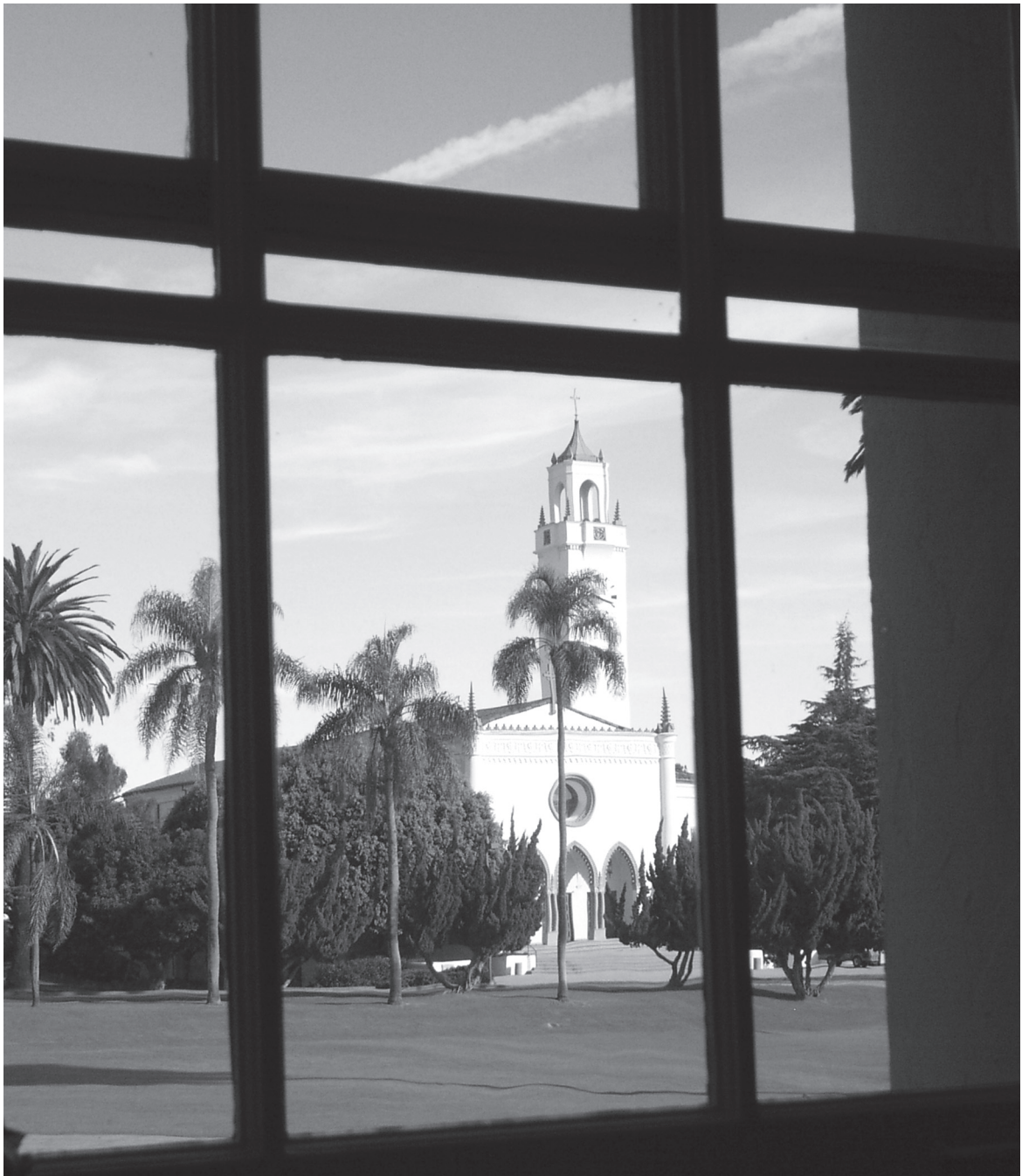


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University Phone Numbers

Westchester Campus Offices: Area Code is 310

Academic Vice President.....	338-2733
Admissions, Graduate.....	338-2721
Admission, Undergraduate	338-2750
Alumni Relations.....	338-3065
Bellarmino College of Liberal Arts.....	338-2716
Campus Ministry.....	338-2860
Chancellor's Office	338-3070
College of Business Administration	338-2731
College of Communication and Fine Arts.....	338-7430
Controller's Office.....	338-2711
Development Office	338-7545
Financial Aid Office	338-2753
Frank R. Seaver College of Science and Engineering.....	338-2834
Information	338-2700
Jesuit Community Residence	338-7445
Library.....	338-2788
LMU Extension	338-2757
Office of the Registrar	338-2740
Operations and Maintenance	338-2760
President's Office	338-2775
Public Safety	338-2893
RSHM Residence	641-4682
School of Education	338-2863
School of Film and Television.....	338-3033
Student Housing	338-2963
Vice President for Administration	338-5236
Vice President for Business and Finance	338-2738
Vice President for Student Affairs	338-2885
Vice President for University Relations	338-5127

Mailing Addresses:

LOYOLA MARYMOUNT UNIVERSITY
1 LMU Drive
Los Angeles, California 90045
(310) 338-2700
<http://www.lmu.edu/>

LOYOLA LAW SCHOOL

919 South Albany Street
P.O. Box 15019
Los Angeles, California 90015-0019
(213) 736-1000
<http://www.lls.edu/>

Academic Calendar 2006-2007

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=Saturday, U=Sunday

FALL 2006

Aug 17-18	R-F	New Faculty Orientation
Aug 23	W	Chairperson Workshop
Aug 24-25	R-F	Freshman Orientation—Group 7
Aug 24	R	Transfer Student Orientation
Aug 25	F	Residence halls and apartments open, check-in begins 8 a.m.
Aug 26	S	Welcome Day
Aug 26	S	Graduate Orientation
Aug 27	U	First Year Student Convocation
Aug 28	M	Classes begin
Sep 1	F	Last day to add a class or drop a class for a 100% tuition refund
Sep 1	F	Last day to file application for a December 31st degree
Sep 4	M	University Holiday—Labor Day
Sep 5	T	Last day to withdraw from the semester for a 90% tuition refund
Sep 12	T	Last day to withdraw from the semester for a 70% tuition refund
Sep 15	F	Last day for undergraduates to finish coursework for Spring and Summer grades of Incomplete
Sep 19	T	Last day to withdraw from the semester for a 50% tuition refund
Sep 29	F	Last day for instructors to submit Spring and Summer grades for undergraduates with grades of Incomplete
Oct 13	F	Last day to submit mid-term deficiency grades
Oct 20	F	Last day to withdraw from the semester for a 25% tuition refund (no refunds after this date)
Oct 23-24	M-T	Undergraduate holidays—administrative offices open
Nov 3	F	Last day to withdraw from a class or apply for Credit/No Credit grading
Nov 17	F	Priority registration for Spring semester begins
Nov 20	M	Registration for Spring and Summer begins
Nov 23-24	R-F	University holidays—Thanksgiving
Dec 8	F	Financial clearance due for Spring semester
Dec 11-15	M-F	Final exams
Dec 15	F	Residence halls close, 8 p.m.
Dec 20	W	Last day for instructors to submit final grades
Dec 22	F	University Christmas holidays begin (University reopens on January 2, 2007)

SPRING 2007

Jan 2	T	Administrative offices reopen after Christmas Holidays
Jan 6	S	Residence halls open, check-in begins 1 p.m.
Jan 7	U	New Student Orientation
Jan 8	M	Classes begin
Jan 12	F	Last day to add a class or drop a class for a 100% tuition refund
Jan 12	F	Last day to file application to participate in May commencement
Jan 15	M	University Holiday—Martin Luther King, Jr. Day
Jan 16	T	Last day to withdraw from the semester for a 90% tuition refund
Jan 23	T	Last day to withdraw from the semester for a 70% tuition refund
Jan 26	F	Last day for undergrads to finish coursework for Fall grades of Incomplete
Jan 30	T	Last day to withdraw from the semester for a 50% tuition refund

Feb 9	F	Last day for instructors to submit grades for undergrads with Fall grades of Incomplete
Feb 19	M	University Holiday—Presidents' Day
Feb 23	F	Last day to submit mid-term deficiency grades
Mar 2	F	Last day to withdraw from all classes for a 25% tuition refund (no refunds after this date)
Mar 5-9	M-F	Spring Break—administrative offices open
Mar 16	F	Last day to withdraw from classes or apply for Credit/No Credit grading
Mar 30	F	University Holiday—Cesar Chavez Day
Apr 6	F	Priority registration for Fall semester begins
Apr 9	M	Registration for Fall semester begins
Apr 13	F	University Holiday—Good Friday
Apr 19	R	Academic Awards Convocation
Apr 30-May 4	M-F	Final exams
May 4	F	Baccalaureate Mass, 7:30 p.m.
May 4	F	Residence halls and apartments close, 8 p.m.
May 5	S	Undergraduate Commencement Ceremony, 9:30 a.m. in Sunken Garden
May 6	U	Graduate Commencement Ceremony, 10:00 a.m.
May 7	M	Financial clearance due for Summer Session I
May 9	W	Last day for instructors to submit final grades

SUMMER 2007

May 14	M	Summer Session I classes begin
May 18	F	Last day to add Session I classes or drop Session I classes for 100% tuition refund
May 21	M	Last day to withdraw from Session I classes for a 70% tuition refund
May 25	F	Last day to withdraw from Session I classes for a 50% refund
May 28	M	University Holiday—Memorial Day
Jun 1	F	Last day to withdraw from Session I classes for a 25% refund (no refunds after this date)
Jun 4-5	M-T	Freshman Orientation—Group 1
Jun 7-8	R-F	Freshman Orientation—Group 2
Jun 8	F	Last day to withdraw from Session I classes or apply for Credit/No Credit grading
Jun 11-12	M-T	Freshman Orientation—Group 3
Jun 14-15	R-F	Freshman Orientation—Group 4
Jun 18	M	Financial clearance due for Summer Session II
Jun 18-19	M-T	Freshman Orientation—Group 5
Jun 21-22	R-F	Freshman Orientation—Group 6
Jun 22	F	Summer Session I classes end
Jun 25	M	Summer Session II classes begin
Jun 27	W	Last day for instructors to submit Summer Session I final grades
Jun 29	F	Last day to add Session II classes or drop Session II classes for 100% tuition refund
Jun 29	F	Last day to file application for an August 31st degree
Jul 2	M	Last day to withdraw from Session II classes for a 70% tuition refund
Jul 4	W	University Holiday—Independence Day
Jul 6	F	Last day to withdraw from Session II classes for a 50% refund
Jul 10	T	Transfer Student Advisement and Registration Day
Jul 11	W	Transfer Student Advisement and Registration Day
Jul 13	F	Last day to withdraw from Session II classes for a 25% refund (no refund after this day)
Jul 20	F	Last day to withdraw from Session II classes or apply for Credit/No Credit grading
Jul 27	F	Financial clearance due for Fall semester
Aug 3	F	Summer Session II classes end
Aug 8	W	Last day for instructors to submit Summer Session II final grades
Aug 14	T	Transfer Student Advisement and Registration Day
Aug 15	W	Transfer Student Advisement and Registration Day

This calendar represents the University's best judgment and projection of the course of conduct of the University during the periods addressed herein. It is subject to change due to forces beyond the University's control or as deemed necessary by the University in order to fulfill its educational objectives.

The University



The University

History

The names “Loyola” and “Marymount” have long been associated with Catholic higher education in countries around the globe. Saint Ignatius Loyola, founder of the Society of Jesus, the Jesuits, sanctioned the foundation of his order’s first school in 1548. The Religious of the Sacred Heart of Mary have conducted educational institutions since their establishment in France by Father Jean Gailhac. These two traditions of education have come together in Los Angeles as Loyola Marymount University.

The present institution is the successor to the pioneer Catholic college and first institution of higher learning in Southern California. In 1865 the Vincentian Fathers inaugurated St. Vincent’s College for Boys in Los Angeles. When this school closed in 1911, members of the Society of Jesus opened the high school division in their newly founded Los Angeles College.

Rapid growth prompted the Jesuits to commence the collegiate department that same year, seek a new campus in 1917, and incorporate as Loyola College of Los Angeles in 1918. Relocating to the present Westchester campus in 1929, the school achieved university status one year later.

Graduate instruction began in 1920 with the foundation of a separate law school. The formation of the Graduate Division occurred in June 1950, though graduate work had formed an integral part of the Teacher Education Program during the preceding two years.

The Religious of the Sacred Heart of Mary began teaching local young women in 1923. Ten years later they opened Marymount Junior College in Westwood which first granted the baccalaureate degree in 1948. The school later transferred classes to a new campus on the Palos Verdes Peninsula in 1960. Eight years later, Marymount College moved again, this time to the Westchester campus of Loyola University as an autonomous college. At this juncture, the Sisters of St. Joseph of Orange joined the Marymount Sisters as partners.

After five years of sharing faculties and facilities, Loyola University and Marymount College merged and formed Loyola Marymount University in July 1973. Through this union, the expanded school maintained the century-old mission of Catholic higher education in Los Angeles.

In articulating a vision for this unique collegiate enterprise, the Board of Trustees turned to the history of the four-century-old Jesuit educational philosophy as well as to the history and traditions of the Marymount and St. Joseph’s Sisters. They also recognized the riches of a variety of religious traditions represented among the dedicated faculty and staff that complemented and enhanced the school’s heritage of Catholic values.

The University pursues quality in:

- Curricula of All Academic Programs
- Co-curricular Programs and Support Services
- Faculty, Administration and Staff
- Students
- Campus Life, Hospitality and Services

Loyola Marymount University:

- Promotes Academic Excellence
- Lives an Institutional Commitment to Roman Catholicism and the Judeo-Christian Tradition
- Provides a Liberal Education
- Fosters a Student-centered University
- Creates a Sense of Community on Campus
- Participates Actively in the Life of the Larger Community

University Mission Statement

Founded In 1911 and located In Los Angeles, Loyola Marymount is the only Jesuit/Marymount university in the southwestern United States. It is institutionally committed to Roman Catholicism and takes its fundamental inspiration from the traditions of its sponsoring religious orders. Loyola Marymount has always been, above all, a student-centered university.

Loyola Marymount understands and declares its purpose to be:

- The encouragement of learning
- The education of the whole person
- The service of faith and the promotion of justice

Therefore, the University pursues quality in:

Curricula of All Academic Programs

Instruction in all disciplines and courses is to be challenging, intellectually stimulating, and current. It is to be conducted in an atmosphere of academic freedom and is to include discussion of the important moral and other value questions of contemporary society. Students are to acquire skills, knowledge, and the ability to use their skills and knowledge creatively now and in the future.

The undergraduate core curriculum is to be structured, integrated, and centered on the humanities, especially philosophy and Catholic theology. Students are to acquire the arts of precise and elegant expression, a sound and critical grasp of ideas, a familiarity with the modern world's ways of knowing itself, a personal understanding of this nation's history and multicultural heritage, and an appreciation of other cultures and societies around the globe.

Concentrations in the liberal arts and sciences as well as in carefully selected pre-professional programs are to give students not only technical knowledge and expertise, but also awareness of the larger human context that calls them to use their competencies for personal growth and service to others. Similarly, the university's commitment to graduate and professional education is aimed at the formation of men and women of competence and compassion.

Co-curricular Programs and Support Services

Other campus activities—resident life, clubs and organizations, recreational and sports programs, social events, and health services—are to complement academic pursuits. Students are to have opportunities, experiences, and responsibilities that will assist and guide their struggle to become fully human.

University life as a whole is to be open to the subtle presence and activity of God, God's Word, and Spirit. Students are to find a campus environment, reinforced by specific programs, that nourishes faith and contemplation, seeks the integration of reason and faith, the religious and secular, and recognizes the implications of faith for right conduct and service.

All offices of the University—academic, student life, business, university relations, facilities management, and campus ministry—are to be supportive of the university's efforts to graduate intelligent, faith-filled men and women for others.

Faculty, Administration, and Staff

The university is to recruit faculty who are supportive of its mission and goals, well-educated, well-trained in their fields, diverse, and committed to excellence in the classroom, significant scholarship, and contributions to their disciplines. The university is to assist individual faculty members with the challenge of combining in one life dedicated teaching, close relationships with students, collegiality, and scholarly activity and achievement.

The university is to recruit and develop administrators and staff, of diverse backgrounds, who are supportive of its missions and goals, skilled, dedicated to their work, and collegial.

Students are to find in all who labor on behalf of the university examples of generosity, service, and personal integrity.

Students

The university is to recruit and attract literate, capable students, as academically prepared as possible, who are comfortable with its mission and goals, eager to study and to participate in campus life, searching to discover and follow a worthwhile direction for their own lives. The mix of the student body—interests, special talents, geographic origin, socioeconomic class, and, particularly, ethnicity—is to be as varied as reasonable and possible, manifesting always the biblical option for the poor.

From admission to commencement, inside and outside the classroom, the university is to encourage and challenge students as individuals to liberate their own minds and hearts and to develop their God-given abilities for service to others and God's greater glory.

The university is always to measure and judge its success with students by their lives as alumni—the quality of their personal lives, of their careers, of their influence and leadership, and of their accomplishments.

Campus Life, Hospitality, and Service

All on campus—faculty, administration and staff, students—are to collaborate and share responsibility for the formation of an academic community based on mutual respect, friendship, and a shared commitment to the university's mission and goals. All are to expect from one another good work, disciplined behavior, and courtesy.

The university community is to be open and welcoming to others from off campus who visit for intellectual stimulation and reflection, artistic events and programs, worship, or relaxation and recreation. Those invited are to include, especially, alumni, parents and families, benefactors and friends, professional colleagues, neighbors, and church members, but also others whom the university can appropriately serve with its facilities, buildings, and grounds.

The university is to be known not only as an intellectual and cultural center which others can visit but also one that sends its members—faculty, administration and staff, students—into the community to learn, to teach, to minister, to labor, to participate in and lead efforts to create a more rational, faith-filled, just society.

Guided by this mission, Loyola Marymount has become a comprehensive university with excellent undergraduate instruction, selected graduate programs, and a distinguished law school.

Goals

Loyola Marymount University promotes academic excellence by:

- Enrolling an academically ambitious, multicultural, and socio-economically diverse student body
- Recruiting, retaining, and supporting a diverse and multicultural faculty committed to excellence in teaching and active scholarship or artistic productivity
- Sustaining an excellent staff and administration as partners with the faculty in promoting academic excellence
- Engaging students in academic programs that explore the multicultural experience of American ethnic groups
- Maintaining an academic community in which freedom of inquiry and expression enjoy the highest priority
- Emphasizing the skills and knowledge necessary for a lifetime of intellectual growth and providing strong pre-professional and professional preparation in the undergraduate curriculum
- Offering excellent graduate and legal education in a context which promotes the highest standards of personal integrity and professional responsibility
- Developing and maintaining the physical facilities, equipment, and support systems that enable the university to carry out its academic mission
- Providing library facilities and services for excellence in the university's undergraduate, graduate, and professional programs

Lives an institutional commitment to Catholicism and the Judeo-Christian tradition by:

- Ensuring that Catholic faith and tradition continue to inform and inspire the Loyola Marymount educational experience
- Encouraging collaboration between members of the founding religious communities and other members of the University to give a distinctive tone to campus life
- Welcoming students, faculty, and staff from all faith traditions
- Emphasizing the examination of the moral and ethical implications of all human actions
- Fostering a just society through a commitment to social justice and service
- Offering opportunities for religious practice and faith development for the entire Loyola Marymount community

Provides a liberal education by:

- Offering a core curriculum that provides each undergraduate with a broad education in the liberal arts and sciences as the heart of the undergraduate experience
- Emphasizing the study of philosophy and theology in the undergraduate curriculum
- Challenging all students to think critically and reflect on basic values and issues, and free themselves from prejudice
- Supporting a faculty committed to excellent teaching and scholarship in a university based on the liberal arts tradition
- Encouraging students to understand their fields of studies in a broad intellectual, ethical, and social context
- Preparing students, undergraduate and graduate, to play active roles in addressing the problems and challenges of the larger society and world in which they live

Fosters a student-centered university by:

- Maintaining the residential character and medium size of the Westchester campus to assure that each student receives personal attention
- Encouraging staff, administration, and faculty to embrace the ideal of personal care and dedication to the well-being and development of each student
- Offering co-curricular programs that complement the academic programs and produce a coherent educational experience
- Supporting the full involvement of students in campus life by offering a wide variety of activities
- Providing opportunities for students to develop their leadership skills by actively involving them in decision making
- Challenging and encouraging students to lead and serve others

Creates a sense of community on campus by:

- Introducing new members of the community to the shared values and history of the university and reinforcing a sense of belonging for all members
 - Assuring that the daily life of the campus reflects a vision of human dignity and fosters mutual understanding and caring
 - Celebrating the richness and diversity of a multicultural campus
 - Encouraging faculty, staff, administrators, and students to serve others, participate in the life of the University, and act as responsible and generous members of the academic community
-

- Providing opportunities to participate in making significant decisions through well-defined and fair procedures

All cultures can contribute to the search for knowledge and the building of communities based on the common humanity of all people. At LMU, interculturalism is an essential source of academic excellence and a defining characteristic of our campus community. We draw upon interculturalism to create a university of excellence, to serve as a model Catholic institution, and to be a catalyst for the creation of a more just society built on respect and a sense of shared destiny.

Participates actively in the life of the larger community by:

- Using the resources of Los Angeles and Southern California to expand and deepen the student's educational experience
- Developing academic programs that address the dynamics and opportunities of the nations and cultures of Latin America and the Pacific Rim
- Inspiring faculty, staff, students, and alumni to serve their communities and society by applying their skills and knowledge to critical problems
- Contributing to the intellectual and cultural life of society through scholarship and the arts
- Providing leadership in the examination and discussion of the ethical dimensions of social issues
- Recognizing a particular responsibility to serve the global Church, and especially the people of the Archdiocese of Los Angeles and the local dioceses.

We embody interculturalism in our policies, practices, and curricula. We promote personal and professional interaction, encouraging intercultural engagement to engender trust, respect, and compassion. Intercultural engagement enables us to share power and responsibility as we grow in self-knowledge, learn to value the unique qualities of diverse cultural groups, and understand the common elements of our shared humanity.

Accreditation

Loyola Marymount's academic programs have been accredited by the following organizations:

Approved by Board of Trustees December 3, 1990

Interculturalism

Interculturalism is sharing and learning across cultures with the aim of promoting understanding, equity, harmony, and justice in a diverse society. Our actions must be grounded in, and guided by, the following:

- LMU is composed of individuals and groups who continue to grow in knowledge of the historical contexts from which we emerged.
- Knowledge of self and others, inspired by a commitment to human dignity and justice, is the hallmark of interculturalism.
- Promotion of the common good requires the recognition of similarities within a common humanity, the appreciation of differences, and the willingness to share cross-cultural experiences.
- Interculturalism is a dynamic and critical endeavor that involves the acquisition of knowledge, ongoing examination of the way we view the world, and purposeful action to promote a just and harmonious society at LMU and beyond.

Vision

Grounded in the *Catholic intellectual tradition*, Loyola Marymount University affirms human dignity and promotes justice. Different cultures are unique expressions of these common aspirations.

American Art Therapy Association

American Bar Association

Association of American Law Schools

Association to Advance Collegiate Schools of Business

California Commission on Teacher Credentialing

Committee of Bar Examiners of the State Bar of California

The Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology
Address: 111 Market Place, Suite 1050
Baltimore, MD 21202-4012

Telephone: (410) 347-7700

International Association of Counseling Services

National Association of Schools of Art and Design
Commission on Accreditation

National Association of Schools of Dance

National Association of Schools of Music

National Association of Schools of Theatre

National Council for Accreditation of Teacher Education

Western Association of Schools and Colleges
Address: 985 Atlantic Avenue, Suite 100
Alameda, CA 94501
Telephone: (510) 748-9001

Membership

Loyola Marymount University is a member of the following organizations:

American Academy in Rome
 American Association of Colleges for Teacher Education
 American Association of Collegiate Registrars and Admissions Officers
 American Chemical Society
 American College Personnel Association
 American College of Physicians
 American Council on Education
 American Counseling Association
 American Mathematical Society
 American Schools of Oriental Research
 American Society for Engineering Education
 American Volleyball Coaches Association
 Association of American Colleges
 Association of College and University Housing Officers—International
 Association of Fraternity Advisors
 Association of Graduate Schools in Catholic Colleges and Universities
 Association of International Educators
 Association of Jesuit Colleges and Universities
 Association of Theological Schools
 Association of University and College Counseling Center Directors
 Association to Advance Collegiate Schools of Business
 Black Coaches Association
 California Association of Counseling and Development
 California Career Development Association
 California Council on the Education of Teachers
 California Educational Placement Association
 California Women in Higher Education
 College Entrance Examination Board
 Conference of the Registrars in Jesuit Institutions
 Consortium of Liberal Arts Small Independent Colleges
 Council of Graduate Schools in the United States
 Jesuit Association of Student Personnel Administrators
 Los Angeles Chamber of Commerce
 National Association of Advisors for the Health Professions
 National Association of Campus Activities
 National Association of College Directors of Athletics
 National Association of Colleges and Employers
 National Association of Graduate Admissions Professionals
 National Association of Schools of Art and Design
 National Association of Schools of Dance
 National Association of Schools of Music
 National Association of Schools of Theatre
 National Association of Student Employment Administrators
 National Association of Student Personnel Administrators
 National Association of Summer Sessions
 National Catholic Education Association
 National Collegiate Athletic Association
 National Collegiate Honors Council
 National Consortium on Academics and Sports
 National Intramural Recreational Sports Association
 National Society of Experiential Education
 North American Association of Summer Sessions
 NPSE—National Society of Professional Engineers
 Organization of Counseling Center Directors in Higher Education
 Pacific Association of Collegiate Registrars and Admissions Officers
 Southern California International Careers Consortium
 Western Association of College and University Housing Officers
 Western Association of Colleges and Employers
 Western Association of Graduate Schools
 Western Association of Student Employment Administration
 Western Association of Student Financial Aid Administration
 Western Association of Summer Session Administrators
 Western Regional Honors Council

University Facilities



University Facilities

Academic

A complex of four buildings, the Burns Fine Arts Center was opened in 1984. In Hogan Hall and Lemon Hall are housed the primary studios of the Dance Program, studios, and classrooms utilized by the Department of Art and Art History, the Department of Music rehearsal rooms and classrooms, as well as the offices of faculty dedicated to the various Fine Arts disciplines. The two additional buildings located here are the Laband Art Gallery and Murphy Recital Hall.

The Jerome and Elvira Doolan Building, built in 1985, houses Computer Science and Engineering faculty, classrooms, and laboratories.

Foley Building, constructed in 1962, houses the Charles H. Strub Memorial Theatre, faculty offices, seminar rooms, and computer labs.

The Hilton Center for Business opened in the Fall of 1995. It houses classrooms, meeting rooms, lecture halls, faculty offices, Information Services, and a 350-seat auditorium in a spacious, technologically advanced facility.

North Hall and South Hall, located on the east side of the campus, house the Del Rey Theatre, the Natural Science program, classrooms, Science and Engineering labs, and faculty offices.

Pereira Hall, erected in 1955, houses the Frank R. Seaver College of Science and Engineering Dean's offices, classrooms, faculty offices, computer labs, and engineering labs.

Research Annex, erected in 1970, houses faculty offices and labs for the Frank R. Seaver College of Science and Engineering.

The Frank R. Seaver Hall of Science, erected in 1962, houses the departments of Biology, Chemistry and Biochemistry and Physics and Engineering Physics. In addition to 22 undergraduate and research laboratories, the building contains faculty offices, seminar rooms, classrooms, and a computer lab.

St. Robert's Hall, erected in 1929, houses classrooms, the offices of the Dean of the College of Communication and Fine Arts, the Dean of the School of Film and Television, the Office of the Registrar, Animation facilities, and in the annex, the OneCard Office and the Student Housing Office.

The Charles Von der Ahe Library, named for its principal donor, was constructed in 1959 and doubled in size in 1977.

Wil and Mary Jane Von der Ahe Communication Arts Building, completed in 1971, houses the Louis B. Mayer Motion Picture Theatre, faculty offices, film classrooms, conference room, color television studios, and motion picture sound stage.

West Hall was erected in 1968 at the time of the Loyola Marymount affiliation. This structure houses classrooms and offices, including Environmental Health and Safety, Conference and Event Services, and Public Safety.

Administrative

The Harry & Kathleen Daum Hall, on the east side of campus, was erected in 1998 and houses Facilities Planning on the first floor. The Learning Resource Center is located on the second floor.

East Hall, the former Mail Distribution Center building, houses the Human Performance Lab, the Scene Shop, Event Operations, and storage for Operations and Maintenance.

Gracian Hall accommodates the Sinatra Opera Workshop, the PRESS program, the REU/RET program, and faculty offices for the College of Communication and Fine Arts and the Frank R. Seaver College of Science and Engineering.

Malone Memorial Student Center, named in honor of the late Fr. Lorenzo M. Malone, S.J., former Vice President of the University, was completed in August 1958. Renovation and expansion of the Center was completed in August 1996. Located in the Center are the Vice President for Student Affairs, Department of Student Life, Associated Student offices, Campus Ministry Center, student dining, bookstore, Center for Service and Action, Ethnic and Intercultural Services, and conference rooms.

Pereira Annex, located behind Pereira Hall, includes the Industrial Assessment Center and faculty offices for the Frank R. Seaver College of Science and Engineering as its residents.

University Hall, opened in 2000, houses University Administration, classrooms, faculty administration, an auditorium, dining facilities, Campus Graphics, and the following staff departments: University Relations; Human Resources; LMU Extension; Career Development Services; Distribution Center; Controller's Office; Graduate Admissions; Thomas and Dorothy Leavey Center for the Study of Los Angeles; Marymount Institute for Faith, Culture, and the Arts; the Dean's office for the Bellarmine College of Liberal Arts; University Honors Program; the Dean's office for the School of Education; the Doctoral Program for the School of Education; and Academic Grants Office.

West Hall Annex houses the Asian Business Center, the Irvine Grants office, Classroom Management, Emergency Medical Technicians, and faculty offices for the College of Communication and Fine Arts.

Xavier Hall, one of the first buildings constructed on this campus in the 1920s, is home to the Office of Financial Aid, Undergraduate Admission, and faculty offices for the School of Film and Television.

Residence Halls

Del Rey North and Del Rey South, opened in 2005, houses men and women and includes a pizza kitchen.

Desmond Hall, erected in 1958, was named in honor of the Desmond family of Los Angeles, generous benefactors of the University. This residence hall accommodates women.

Doheny Hall was completed in 1986 and houses 120 women.

Hannon Apartments, erected in 1978, were named in honor of Eugenie B. Hannon. They house 282 upperclass students, and include the Hannon Recreation Center.

Huesman, erected in 1947, houses men and has a chapel.

The Jesuit Community Residence, Ignatius Commons, built in 1999, accommodates the members of the Society of Jesus.

The Dorothy and Thomas E. Leavey Center, erected in 1968, is a women's residence hall and houses the Ignatian Center for Spirituality, a chapel, and the faculty/staff club.

Leavey 4, 5, and 6 are apartment buildings that house men and women. Leavey 4 was built in 2002, Leavey 5 in 2003, and Leavey 6 in 2005. The latter also includes offices for Student Affairs and a convenience store.

McCarthy Hall, erected 1996, was the first residence hall built on the Leavey Campus. It accommodates 247 men and women. It is named in honor of J. Thomas McCarthy, philanthropist and generous benefactor of the University.

McKay Hall, erected in 1968, accommodates men and women and contains a diner-style restaurant. It has been named for Sr. M. Raymunde McKay, R.S.H.M., former President of Marymount College.

O'Malley Student Apartments, completed in Summer 2000, accommodates 164 men and women. It has been named in honor of former LMU president Fr. Thomas P. O'Malley, S.J.

Rains Hall, on the Leavey Campus, was built in 1997. Named in honor of Lilore Green Rains, a philanthropist and generous benefactor of the University, this building houses 300 men and women.

Rosecrans Hall, erected in 1962, was named in honor of William S. Rosecrans, for many years Chairman of the Board of Regents and a generous benefactor of the University. This residence hall accommodates men and women.

Sullivan, erected in 1947, houses women.

Tenderich Apartments, completed January 1971, accommodates 143 men and women in 39 units on campus.

Whelan Hall was completed in the Summer of 1965. It has been named for the Rev. Edward J. Whelan, S.J., President of Loyola University from 1942 to 1949. Whelan Hall accommodates men and women.

The Chapel

The Chapel of the Sacred Heart was completed in 1953. It has a seating capacity of 1,000. The tower of the Chapel, donated by the Board of Regents, has become a landmark of the campus.

Athletic Facilities

The Burns Recreation Center, completed in August 2000, holds a fitness center, multipurpose center, concession stand, two gyms, and the recreation offices, plus the Student Health Center and Student Psychological Services.

The Albert Gersten Athletic Pavilion, dedicated in early 1982, expands the University's existing facilities to accommodate the intercollegiate athletic program, support facilities, Founder's Room, and Weight Room.

On Sullivan Field, adjacent to the Pavilion, are located other athletic facilities of the University. These include the swimming pool, tennis courts, Page Baseball Stadium, and soccer facilities.

Student-Managed Social and Recreation Facilities

The Bird Nest, adjacent to Del Rey North, offers a beautiful view of Marina del Rey, Santa Monica, and the Pacific Ocean. The Bird Nest sponsors and hosts a wide variety of events for the entertainment pleasure of the student body.

Hannon Loft, located in the heart of the Hannon Apartments, Tenderich Apartments, and McKay residence hall, provides the southern campus with an informal, comfortable location to host a variety of events. Hannon Loft was built in 1978 and renovated in 1994.

Adjacent to St. Robert's Hall is St. Robert's Auditorium, which plays host to hundreds of events and programs from educational conferences and panel discussions to dances, speakers, and concerts. The auditorium can accommodate up to 350 people.

The School of Law

Established in 1920, the School of Law is one of the oldest law schools in Southern California. The Law School campus is located in the Pico-Union district near downtown Los Angeles. Expansion of the Law School facilities began in 1980 under the direction of internationally acclaimed architect, Frank O. Gehry. The completed campus includes the William M. Rains Library, the Fritz B. Burns Academic Center, three lecture buildings, the Chapel of the Advocate, the Rev. Charles S. Casassa Building, the Albert H. Girardi Advocacy Center, and the Student Services Center.

University Services



University Services

Campus Ministry

Acting Director: John Flaherty

Sacred Heart Chapel, which can easily be seen from any vantage point on campus, provides a strong symbol of the University's commitment to Christianity and the Catholic tradition. The Campus Ministry Center, situated in the most active and readily accessible part of the campus, is the location for many encounters with students, chaplains, faculty, staff, and all who choose to participate in the faith life of the University community.

In addition to the large number and variety of daily and weekend Eucharistic Liturgies, Campus Ministry provides a number of weekend retreats off campus, personal and religious counseling or spiritual guidance, and a wide variety of community service programs. Faculty and students serve as music ministers, lectors, Eucharistic ministers, and liturgy planners; there are also groups which meet regularly for theological reflection. The community service and justice ministry programs provide learning and practical experiences as well as career opportunities. These experiences are coordinated with the appropriate academic and student affairs departments as well as parishes and organizations off campus. Pastoral services for Jewish, Muslim, and students of all Christian faiths are also coordinated through Campus Ministry.

The Campus Ministry programs are all voluntary and yet are an integral part of the University's life. The chaplains have a visible and explicit responsibility for leadership, but the faith life and ministry on this campus is accomplished by many groups and individuals.

Center for Ignatian Spirituality

Director: Rev. Randy Roche, S.J.

The Center for Ignatian Spirituality exists to promote the integration of Ignatian spirituality with the life of the University. It serves as a resource for those seeking to develop a personal spirituality, one rooted in an ever-deepening commitment to the service of faith and the promotion of justice. For more than four-and-a-half centuries, Ignatian spirituality has stood radically open to the diverse ways in which God enters the history of individuals and groups.

The Center has four main goals:

- To develop programs that enable the faculty and staff to grow in knowledge and experience of Ignatian education and spirituality;
- To assist those members of the faculty and staff who desire to integrate Ignatian values more deeply into their professional and personal lives;
- To encourage and support faculty and staff members to assume leadership roles in these spiritual endeavors within their college, department, and division; and
- To serve as a resource for all members of the University community interested in Ignatian values.

The Center can be reached at (310) 258-8695.

Conference and Event Services

Co-Director, Conference Services: Trish Carlson

Co-Director, Event Services: Martin Alvarez

The Department of Conference and Event Services consists of three offices:

The Conferences component oversees all aspects related to on- and off-campus use of bookable space at LMU. This includes academic year events and the Summer Conference program. This office is located in St. Robert's Annex and can be reached directly at (310) 338-2975.

LMU Event Services is comprised of the Event Operations and Event Scheduling offices.

Event Operations is responsible for the delivery, set-up, maintenance, and resetting of event equipment including tables, chairs, audio visual components, and podiums. The Event Scheduling Office is responsible for managing space allocation and confirming event meeting space locations throughout most of the campus as well as the related meeting or special event equipment. Event Scheduling is located on the first floor of University Hall, Suite 1768 and can be reached directly at (310) 338-2878.

Marymount Institute for Faith, Culture, and the Arts

Director: Theresia de Vroom

The Marymount Institute for Faith, Culture, and the Arts preserves the transformative educational tradition of the Religious of the Sacred Heart of Mary and promotes a dialogue between faith and culture as expressed in fine, performing, literary, and communication arts.

The Institute strengthens the contributions of the Marymount tradition and legacy to the Loyola Marymount University community and the larger society. It does this by encouraging interdisciplinary and intercultural scholarly and artistic activity in the form of research and publication, exhibits, performances, conferences, seminars, and lectures.

The Marymount Center is located on the third floor of University Hall, 3002, and may be reached at (310) 338-4570.

Food Services

Sodexo, the restaurant service of the LMU community, provides a program that strives to meet and exceed the dining needs of its student population. There are several locations on campus that offer flexible hours, in settings that complement and enhance the community experience, including the Lair Marketplace, the University Hall Roski Café, Jamba Juice, the Lion's Den, the Lion's Corner Café, the C-Lion convenience store, and Pete's Arena.

Call (310) 338-2977 for more information, or visit online at <http://dining.lmu.edu>.

Information Technology Services

Assistant Vice President for Information Technology:
Erin Griffin

LMU Information Technology Services (ITS) provides management and services in support of the University's information technology resources. These resources include the campus network and telecommunications systems, computer labs, computer centers, administrative information systems, and web and instructional technology services. ITS provides these services in an effort to enhance the intellectual life and experience of students and the University community and to provide for efficient technology operations.

The ITS department's services include the support of the technical infrastructure of campus networks and computer workstations, computer labs, data centers, registration systems, technical training and instructional technology, classroom management, and other academic and administrative systems.

The ITS department is located in the basement of the Hilton Center for Business. The ITS website is <http://its.lmu.edu>.

ITS Help Desk

ITS provides specialized Help Desk services to provide students, faculty, and staff with technical support.

The Student Help Desk is located in the ITS Office in the basement of the Hilton Center for Business. This service provides computing, network, and communications support for LMU students. This single point of contact is a convenient way for students to request assistance for technical issues, including network accounts, e-mail, telephone, and voicemail. ITS is unable to provide hardware support for student-owned computer equipment and recommends that students contact the original manufacturer or retailer for such support.

The Student Help Desk is open Monday-Friday from 8:00 a.m. to 5:00 p.m., with extended hours until 7:00 p.m. on Wednesdays and may be contacted via telephone at (310) 338-7777 (the on-campus extension is x87777), or via e-mail at studenthelp@lmu.edu.

Student E-Mail and Network Access

The campus-wide network is available to all LMU students. Upon enrollment and registration, an LMU student is automatically assigned an e-mail address and a network account. The network allows students to access services like PROWL (the on-line registration system), library databases, the Internet, and other services. There are no fees associated with using the campus network, and all accounts are password protected. Most systems, such as e-mail, are web-based and available from off-campus also.

Questions regarding account activation or use should be directed to the Student Help Desk, via telephone at (310) 338-7777, or via e-mail at studenthelp@lmu.edu.

Student Telecommunications

Long distance service from LMU student residence halls and apartments is provided by AT&T's ACUSTM service. Students are assigned a personal security code to access outside lines from their rooms or apartments and receive their own itemized telephone bill each month.

Computer Labs and Villages

The University provides technology access to students throughout the campus with its three general-purpose computer labs and 31 area-specific and speciality labs. Students may contact the Student Lab Coordinator at (310) 338-4489 for more information.

General Purpose Labs

Maintained by ITS, the general purpose labs have either Windows- or Mac-based workstations, offer extended hours, contain at least 20 workstations, and provide access to a variety of popular software programs. The locations of the general purpose labs include: the lower level of St. Robert's Hall, the lower level of Von der Ahe Library, and the first floor of Seaver Hall.

Specialty Labs and Computer Villages

In addition to the general purpose labs, many academic departments provide discipline-specific computer resources and training labs. These labs vary in size and function and often use specialty software for e-learning, research, and training. The computer village areas are located within academic departments in University Hall. In addition to spacious working areas, these villages provide a social dimension to workstation computing where students and faculty can interact and integrate technology into the educational experience.

Other ITS Services for Students

ManeGate Portal

ManeGate is a "one-stop" web community that provides students, faculty, and staff with access to various campus systems, online groups, e-mail, calendar, registration, forms, news, communications, and more. ManeGate is the online gateway for students to access student services and information. ManeGate is available from on and off campus at <http://manegate.lmu.edu>.

Blackboard

ITS supports the use of Blackboard, an environment for online teaching, learning, and collaboration. Blackboard is utilized by many LMU faculty and is available online through ManeGate at <http://manegate.lmu.edu>.

PROWL

The Personal Records Online Web Link (PROWL) provides faculty and students with secure web-based access to class registration, grades, and other information maintained by the Office of the Registrar. PROWL is accessed through ManeGate at <http://manegate.lmu.edu>.

Student Web Pages

In order to support the academic endeavors of LMU students, the student web server provides web server hosting space to all actively enrolled undergraduate and graduate students. Student web page hosting provides both a publicly accessible web space to publish web pages and a private file storage area for convenient access to student files. Instructions for setting up student web pages are available at <http://stu.lmu.edu>. Student club and organization websites are supported through the Associated Students of Loyola Marymount University (ASLMU) at <http://aslmu.lmu.edu>.

Loyola Marymount University Children's Center

Director: Ana Gallegos

The Loyola Marymount University Children's Center was established to address the child care needs of the University community. The LMUCC is an on-site, employer-sponsored organization dedicated to quality care for children of all those who make up the LMU and greater Westchester communities. Care is made available for children of the faculty, staff, and students, with a limited number of spaces available to alumni, qualified on-campus employees of University service contractors, and neighborhood residents. In keeping with the Jesuit and Marymount traditions, we strive to meet the needs of the community of which we are a part by incorporating diversity into a values-centered curriculum.

The Center's early childhood professionals are committed to educating the whole child—socially, emotionally, physically, and intellectually—to set the stage for life-long learning. Based on developmentally appropriate practice, the curriculum focuses on play, creativity, and hands-on discovery learning for children 6 weeks to 11 years of age. Our intention is to be a model of quality Early Childhood Education programs for the communities we serve.

The LMUCC is open year-round, providing full- and part-time enrollment for infants through preschoolers. Our School-Age program provides after-school care for K-5th grades and a full-day Summer Camp. Contact (310) 258-8900 for more information.

Public Safety

Director: Ray Hilyar

The Public Safety Office is located in West Hall and is open seven days a week, 24 hours a day. Lost and found is located here.

Public Safety may be contacted by phone at (310) 338-2893. In case of emergency, dial 222 from any on-campus phone.

For more information about Public Safety's services, go to <http://www.lmu.edu/publicsafety>.

University Bookstore

Books, sundry items, school spirit clothing, and gifts are available through the University Bookstore. The operating hours during the academic year are: Monday-Thursday, 7:45 a.m.-7:00 p.m.; Friday, 7:45 a.m.-5:00 p.m.; Saturday, 9:00 a.m.-3:00 p.m.; and closed on Sundays.

The main campus store is located on the ground floor of the Malone Student Center. There is also an annex, selling snacks and gift items, located on the first floor of University Hall.

Shop 24 hours a day at <http://www.efollett.com>.

University Media

LMU Annual Report

This annual report highlights activities and accomplishments of the past year.

Vistas

Vistas magazine is the University and alumni magazine for Loyola Marymount University. It is one of the many ways LMU keeps its alumni, faculty, staff, parents, and friends informed about what's happening on this vibrant campus. The *Vistas* mission is also to help the LMU community learn more about students, faculty, staff, and alumni; explore contemporary issues in society; find service and networking opportunities; and stay in touch with our Jesuit and Marymount traditions. For more information, contact Vistas@lmu.edu.

University Organizations

LionsFund

Focused on providing a well-rounded educational experience, LionsFund supports our student-athletes' quest for excellence through scholarships and team support. Gifts to the LionsFund assist to provide the resources needed for LMU student-athletes to achieve the highest possible level of success both athletically and academically. Supporting each of LMU's 18 intercollegiate athletic teams, LionsFund is a vital part of the University's ability to compete at the NCAA Division I level.

The LionsFund Council is a volunteer council, helping to support LMU Athletics and student-athletes through annual advancement, fundraising, and direct outreach to increase support for the LionsFund. Donor benefits include special events, personal contact, and the opportunity to purchase priority seating for home Lions games. For additional information, please contact the Annual Support Office for Athletic Giving at (310) 338-2908 or by e-mailing golions@lmu.edu.

Loyola Marymount University Parents Association

The LMU Parents Association is an informal organization of all LMU parents. Under the leadership of the Parent Ambassador Council, the Association seeks to broaden the understanding of the educational philosophy and goals of the University, act as a liaison between the administration and parents to ensure the exchange of ideas and mutual concerns, and respond to the needs of the University. For additional information or to become a Parent Ambassador, please contact the Office of Parent Relations at (310) 338-7037.

Alumni Association

The Loyola Marymount Alumni Association is composed of approximately 50,000 former students of Loyola University, Marymount College, and LMU. The Association's vision is to build and maintain lifelong relationships that add value to alumni and to the University. Through the Association, alumni and students help ensure the continued excellence of LMU and are challenged to live LMU's mission in their social, spiritual, professional, and intellectual experiences. Programs and events that promote this mission include: Alumni for Others—LMU's signature alumni service program, President's Day—when LMU's president hosts alumni as they return and learn, Alumni Grand Reunion, Alumni BBQ, and regional events in cities across the country. Guiding the Alumni Association's programs are dedicated volunteers including the Alumni Association Board of Directors, regional event planners and hosts, and student leaders. To access the Association's calendar of events, benefits, and services, or ways to become involved, visit <http://www.lmu.edu/alumni>.

Student Affairs



Student Affairs

The Division of Student Affairs is committed to providing those services and experiences which complement and enhance the educational mission and foster the total development of the student. The Office of the Vice President for Student Affairs is the central administrative office for the departments within the Division and is responsible for coordination and supervision within the Division. In addition, the Vice President assures that the student affairs program is supportive of the academic mission and goals of the University.

The Division of Student Affairs holds students as central to the Division's mission and values, which are consistent with the mission, goals, and objectives of the University.

The goals of the Division of Student Affairs are:

- To promote innovative programs and events which develop an enlivened and engaged campus community.
- To instill in students the value of service and the promotion of justice.
- To guide students through a process of reflection, self-discovery, and character development.
- To promote the balanced development of body, mind, and spirit.
- To foster students' respect for each other in an intercultural community.
- To advance the University's recruitment and retention efforts.

These goals are implemented through services and programs which are provided by the following areas:

Office of the Vice President
 Athletics
 Campus Recreation
 Career Development Services
 Center for Service and Action
 Ethnic and Intercultural Services
 First Year Programs
 Judicial Affairs
 Office for International Students and Scholars
 Student Health Services
 Student Housing
 Student Life
 Student Media
 Student Psychological Services

Student Programs and Services

Athletics

Loyola Marymount University participates in eight intercollegiate sports for men: basketball, baseball, crew, cross country, golf, soccer, tennis, and water polo; nine intercollegiate sports for women: basketball, crew, cross country, soccer, softball, swimming, tennis, water polo, and volleyball; and one coed sport: cheerleading. LMU is a member of the National Collegiate Athletic Association Division I and competes in the West Coast Conference.

Career Development Services

The vision of Career Development Services (CDS) is to empower students and alumni to achieve career success through enrichment of the whole person.

Career Development Services is committed to

- encouraging students to discover their own strengths, interests, and values
- engaging employers who present opportunities for students and alumni to use their professional work to make a positive difference
- providing meaningful services to our constituent communities

Services offered include:

Access to Career Services at Other Universities
 Career and Graduate School Fairs
 Career Counseling
 Career Development Strategies Course
 (LIBA 250/251)
 Career Resource Library
 Educational Placement File Service
 Employer Information Sessions
 Etiquette Dinner
 Internships
 Job Search Advising
 Mentoring and Networking Programs
 Mock Interviews
 On- and Off-Campus Federal Work Study Jobs
 Online Job and Internship Listings on LionJobs
 Part-Time On- and Off-Campus Jobs
 Personality and Interest Inventories
 Resume Critiques and Preparation Assistance

Medical Insurance

The University requires that all full-time undergraduate students who are not covered by personal medical insurance **MUST BE** covered by the University's Sickness Insurance Plan. If the student has adequate private sickness insurance, a waiver must be returned to the Controller's Office within the specified time. All students taking seven or more semester hours are automatically covered for accident insurance. Forms for filing insurance claims for the University's Accident and Sickness Insurance Plan may be obtained from the Controller's Office. Claims must be filed within thirty days of disability. Students should be aware of the name of their insurance company and provider numbers. Coverage by the University's Insurance Plan is not a prerequisite for use of the Student Health Center.

Student Health Services

The Student Health Service (SHS) assists students in staying healthy by promoting healthy lifestyles and by providing medical care for common health problems. The staff includes a full-time physician, nurse practitioners, registered nurses, and X-ray technologist.

The University may require immunizations and/or TB testing of incoming students. Students will be notified of the requirements by mail. Failure to fulfill the requirements may result in a hold applied to the student's registration and not being able to register.

Services offered by the Student Health Service include: treatment for minor illnesses and injuries, Pap smears and pelvic exams, dermatological care, pregnancy tests, lab work, X-rays, immunizations, and prescriptions.

The service is free. There are charges for medication, lab work, X-rays, and some medical supplies. You do not need health insurance to use Student Health Services. The Student Health Service does not bill private insurance companies. This is the responsibility of the student. Copies of all charges are available for the SHS.

Occasionally, a student may need to see a specialist. In this case, the student may be referred to a specialist by the SHS or may select her/his own specialist. The student is responsible for transportation and medical costs.

All medical records are covered by the laws of confidentiality of the State of California.

Student Housing

LMU Student Housing provides a unique opportunity for participation in community living. Knowing that the physical and social environment affects the intellectual and social development of students, every effort is made to create communities which reflect the University's educational mission.

A Resident Director (RD) and Resident Advisors (RAs), under the supervision of an Area Coordinator for Residence Life (AC), are responsible for overseeing the living environment and developing programs in each housing facility. The staff is responsible for creating an atmosphere conducive to building community and promoting scholarship. They provide opportunities for students to become acquainted with one another and involved in campus activities. They also encourage students to take full advantage of cultural and intellectual opportunities within the University and in Los Angeles.

LMU is proud of its Resident Chaplain program. Resident Chaplains (RCs) are priests, sisters, and lay ministers who live in the residence halls and apartments with the students. They assist in creating a vibrant Christian community marked by mutual respect and social responsibility. Their primary role is to provide guidance on social, moral, and spiritual issues which students face daily.

Student Psychological Services

University life provides opportunities for students' growth and development as well as challenges to their well-being. Student Psychological Services (SPS), staffed by professional psychologists and counselors, provides confidential personal counseling to facilitate students' personal, social, intellectual, and emotional development. SPS offers individual, couple, and group counseling plus workshops and educational programs on topics of interest to students. Services are available free of charge to regularly enrolled students.

Campus Recreation

The state-of-the-art Fritz B. Burns Recreation Center houses the Department of Campus Recreation. The department continually strives to meet the recreational needs of the LMU community.

The award-winning Burns Recreation Center is comprised of a 7,000 square foot fitness center containing free weights, individual weight machines, treadmills, Lifecycles, StairMasters, and elliptical machines. The Main Gym accommodates two courts of basketball or volleyball, while the upstairs gym is a single court used for recreation or special events. Two multipurpose rooms are located upstairs and provide space for aerobics, kickboxing, yoga, spinning, and more. An outdoor 50-meter pool is located steps from the men's and women's locker rooms. A games area is available for table tennis and pool. A variety of sports equipment, energy bars, and beverages is available for check-out or purchase at the conveniently located pro shop.

Intramural Sports provides a wide range of structured sports and activities such as flag football, volleyball, soccer, basketball, and more. The Intramural Sports philosophy is "play for fun," and everyone is welcome to participate regardless of ability.

Fitness and Wellness Classes are available throughout the year. These programs allow individuals to drop in for an aerobics class, learn self defense in a kickboxing class, or stretch and relax with a yoga session. Nutritional seminars, weight training clinics, and advice from personal trainers are also available.

The Aquatics program provides a variety of opportunities including swimming laps, water aerobics and exercise, and a learn-to-swim program. Whether looking to improve your technique or just to swim some laps, the 50-meter pool is the place to be.

The Club Sports program offers LMU students the chance to compete against club teams from other universities. Competitive Club Sport opportunities currently exist for Rugby, Baseball, Surfing, Cycling, Men's Lacrosse, Women's Lacrosse, Men's Volleyball, Women's Volleyball, Men's Soccer, and Women's Soccer.

Campus Recreation is the place to come for all of your recreational needs.

The Center for Service and Action

The Center for Service and Action (CSA) seeks to educate and form men and women for others, especially with and for the disadvantaged and the oppressed. Through direct personal contact between students and the marginalized in service-learning experiences, CSA fosters a solidarity with the poor that will lead to intellectual inquiry, moral reflection, and social action.

CSA is directly responsible for the Service and Action House, the Service Organization Program, Special Games, El Espejo, and the Community Relations Task Force.

Each year CSA recognizes the six most outstanding LMU undergraduate students who have excelled in their community service. These students each receive a \$1,000 Riordan Community Service Award.

Through the generosity of the Marymount Institute, CSA also recognizes outstanding graduating seniors for their commitment to community service. These students receive the Arete Award.

Ethnic and Intercultural Services

Ethnic and Intercultural Services (EIS) is a student-centered department that is grounded by LMU's intercultural values and serves as a resource for all students as they prepare for the challenges and rewards of living in a diverse society. EIS units—Asian Pacific Student Services, Chicano/Latino Student Services, Intercultural Affairs, and the Office of Black Student Services—work in concert to support students of color and promote positive interactions among diverse communities. In addition, EIS provides services such as the Peer Mentor Program that helps first-year students of color make a smooth transition to university life, and empowers them to participate fully in campus life and achieve personal success.

Asian Pacific Student Services

Asian Pacific Student Services (APSS) serves the needs of Asian Pacific American (APA) students. It strives to educate the campus about APA issues and the ethnic diversity represented within its community. APSS programs and services include an annual Cultural Welcome, a monthly Third Tuesday Series, Asian Pacific American Leadership Retreat, speakers, support for student groups, educational conferences, and community projects. APSS works closely with the Asian Pacific American community both on and off campus as well as the greater LMU community.

Chicano Latino Student Services

Chicano Latino Student Services (CLSS) provides culturally sensitive programs that foster and promote the academic and personal success of Latino/a students. In addition, it strives to educate the campus about Latino/a issues and the ethnic diversity represented within the community (i.e., Central and South America, Caribbean, and Mexico).

CLSS programs include Bienvenida Latina—the Latino Fall Welcome, Leadership Roundtable Meetings, Latin America’s Independence Days Celebration—Day of Pride!, Latino Spiritual Retreat, Latino Leadership Legacy Week, POWER TRIPS (i.e., museums, community events, entertainment/theatre, restaurants, speakers, etc.), Dia de Reconocimiento (Latino graduation ceremonies), Latino Resource Handbook, and Weekly CLSS E-Newsletter, among others. CLSS also offers student advocacy, personal support, assistance for Latino/a student groups, and transitional/beyond LMU programming. CLSS programs and services also consider gender, class, religion/spirituality, bilingual, generational, sexual orientation, and bi-racial/ethnic identities.

Intercultural Affairs

Intercultural Affairs works with students and staff to create a learning environment that encourages greater awareness, understanding, and interaction among diverse groups. Its mission is to empower all members of the campus community as agents of social change committed to a vision of justice.

Intercultural Affairs sponsors/offers programs that include Spring Festival, an intercultural retreat, intercultural leadership training, speakers, educational forums, and intercultural conversations.

Office of Black Student Services

The Office of Black Student Services (OBSS) works to promote a positive campus environment that supports the academic and personal success of African American students. OBSS programs and services include an annual Fall Welcome, Student Retreat, Kente Graduation, Black History Month events, speakers, cultural enrichment programs, community activities, support for student groups, student advocacy, and personal support. OBSS also strives to build close ties with the local African American community.

Office for International Students and Scholars

The Office for International Students and Scholars (OISS) promotes the general interest of international education, mutual understanding, and cultural exchange through the administration of international programs and services designed to promote greater collaboration among the international and domestic communities.

The OISS provides vital immigration assistance to international students and faculty, both at the Westchester Campus and Loyola Law School. OISS provides assistance in matters related to maintaining non-immigrant status under LMU’s international programs and complying with the regulations of the Department of Homeland Security, the U.S. Department of Justice, U.S. Citizenship and Immigrations Service (USCIS), and the U.S. Department of State.

Moreover, the OISS acts as a resource for the international concerns of the University community through its contacts with embassies, consulates, and other international and U.S. government agencies.

Student Life

Student Life strives to enrich the learning environment for students seeking growth outside the classroom. The staff works with ASLMU, all co-curricular clubs and organizations, Commuter Students, the Greek Community, and Special Programs such as the Student Managers and Student Workers. Student Life offers assistance with programming and planning of events and special projects, as well as assistance and support in the formation of new organizations. The department also provides advocacy and support to students throughout their academic career.

Associated Students of Loyola Marymount University (ASLMU)

All regularly enrolled full-time undergraduate students are automatically members of the Associated Students of Loyola Marymount University. ASLMU, through the Student Senate, Executive Cabinet, and Judiciary, is the voice of the student body, speaking for students on issues such as allocation of funds for clubs and organizations, academic concerns, personnel matters, and other areas affecting student life. In addition to planning on-campus activities, such as speakers, concerts, movies, and dances, ASLMU also initiates service programs in the community. Services offered by ASLMU are supported by the student fee.

First Year Programs

First Year Programs aspires to build relationships with students in order to ensure a successful transition of every first year student into the collegiate culture of Loyola Marymount University through campus activities, learning, and development opportunities. Upon completion of their first year, it is our hope to have freshmen involvement in campus organizations, clubs, and/or student groups in order to cultivate a positive sense of self and confidence and the tools necessary to educate the whole person.

By the end of the first year at LMU students will:

Value

- intellectual pursuits in higher education and begin to develop an intrinsic appreciation for life-long learning.
- the opportunities for exploration and growth created by participation in this diverse University community.

Know

- the mission and traditions of the University and how they are called to participate in the global community.
- the availability of University resources and access them when necessary to enhance their success as University students.

Act to

- become engaged members in the University community.
- develop personal accountability, good judgment, and independent thinking leading toward a balanced life.

Leadership Program

This leadership program encourages students to work toward mutual goals involving awareness and empowerment of the needs of individuals, groups and society.

Student Organizations

As a student-centered, Catholic university, Loyola Marymount University recognizes the importance of clubs, programs, and services in fostering the educational mission of the University and offers a wide variety of each appealing to the needs of the student body. There are academic and professional clubs. Their primary objective is to further interest in professional development. In addition, LMU registers a number of honorary and social clubs. Membership in the honorary societies is by invitation and is based upon scholastic achievement and requirements of individual societies. Social clubs provide the student body with a variety of activities designed to complement the academic mission of the University. Some of these activities include philanthropic, cultural, social, and educational programs.

The following is a list of registered student clubs on campus. Note: The views or positions of a registered club does not necessarily reflect the position of Loyola Marymount University.

Academic

Accounting Society
 American Society of Civil Engineers (ASCE)
 Animation Club
 Arnold Air Society
 Business Law Society
 Delta Sigma Pi
 Finance Society
 Flying Lions
 Future Teachers Association
 Institute of Electrical and Electronic Engineers
 Latino Business Student Association
 LMU TV
 Mathematics Club
 National Society of Black Engineers
 Political Science Association
 Pre-Dental Club
 Psi Chi
 Society of Hispanic Professional Engineers
 Society of Women Engineers
 Tau Beta Pi (Engineering Honor Society)
 Tri Beta (Biology Honor Society)

Cultural

Asian & Pacific Student Association
 Black Student Union
 Brothers of Consciousness
 Del Rey Players
 El Espejo
 Han Tao
 Harmony Unison of Beats
 Isang Bansa
 Kyodai
 Latin American Council
 Middle Eastern Club
 Movimiento Estudiantil Chicana/Chicano de Aztlan (MEChA)
 Muslim Student Association
 Na Kōlea—Hawaiian Club
 Nuestra Alma Latina
 Sistah Friends
 Spanish Club

Greek

Alpha Delta Gamma
Alpha Phi
Beta Theta Pi
Delta Delta Delta
Delta Gamma
Delta Sigma Theta
Delta Zeta
Kappa Alpha Theta
Lambda Chi Alpha
Pi Beta Phi
Sigma Chi
Sigma Lambda Beta
Sigma Lambda Gamma
Sigma Phi Epsilon
Greek Council
Order of Omega

Service

Belles
Best Buddies
Crimson Circle
De Colores
Emergency Medical Services
Gryphon Circle
Ignatians
Magis
Marians
Rotaract Club
Service Organization Council
Special Games
Sursum Corda
Underwings
Unite for Sight
Up Till Dawn

Social

Gay Straight Alliance
Kuumba Beats
Poker Club
Resident Housing Association
Sankofa Society
Student Alumni Association
Swing and Ballroom Club
Travel and Tourism Club

Political/Social Justice

College Democrats
Human Rights Coalition
Latino Pre-Law Society
NAACP
Respect for Life
Sierra Club

Spiritual

Campus Christian Fellowship
Christian Life Community
Friends of Jesus
Righteousness in Christ Fellowship

Sports

B-Boy Status
Boardriders Club
Cycling Club
Ice Hockey
Men's Lacrosse
Men's Soccer
Men's Volleyball
Rugby Club
Student Athlete Advisory Committee
Women's Lacrosse
Women's Soccer Club
Women's Volleyball

The University programs and services have varying membership requirements and offer an opportunity to become involved in a variety of activities geared to foster a sense of deeper understanding of people of all colors, creeds, and national origins.

The following is a list of University Programs and Services on campus.

Intramural Sports
Special Games
Student Manager Program
 Bird Nest
 Games Room—McKay
 Hannon Loft
 Lion's Den
 Malone Student Center
 St. Robert's Auditorium
Student Worker Program

Student Campus Media

The Los Angeles Loyolan

The *Los Angeles Loyolan*, written and edited by students, is the official weekly newspaper of LMU. The *Loyolan* provides a forum for discussion of higher education and serves as an information source for the campus community. It affords students an opportunity for gaining practical journalism experience and provides them with a method for improving campus awareness. The *Loyolan* is a member of the American Collegiate Press Association and the National Collegiate Press Association.

KXLU/KLMU

As one of the only opportunities in the Los Angeles market for students to experience all aspects of radio broadcasting, KXLU provides a supportive learning environment and training ground. The radio station offers an environment conducive to the creative expression of artistic freedom via musical exploration, experimentation, and interpretation. Students can also gain practical experience in all areas of station operations, including broadcasting, programming, technical engineering, production, public affairs, promotions, marketing, and management. Additionally, KXLU fosters an education in music industry knowledge and savvy regarding current musical trends, practices, and standards, as well as providing an opportunity to work with bands, record labels, venues, promoters, booking agents, and other industry professionals.

KXLU's mission is to give underrepresented artists and musical genres that do not have a voice on the traditional mainstream circuit an alternative and supportive forum in which to showcase their talent. The station offers over 25 different types of musical genres for its listeners, including progressive and independent rock, punk, classical, opera, world, country, hip hop, metal, lounge, jazz, blues, and theater and film, as well as being home to one of the most successful and longest running Latin radio programs in the country, Alma del Barrio.

KLMU-AM operates at a frequency of 840 KHz. The station, exclusively serving the LMU community, operates from 7:00 a.m. until 1:00 a.m.

Interested students, staff, and faculty are encouraged to stop by the radio station for a tour, learn more, and apply for a DJ position.

The Tower

The Tower, a student-run publication, is the official yearbook for the University. Students are responsible for all aspects of production. *The Tower* strives to include all dimensions of the University community: faculty, staff, students, graduating seniors, sports, clubs and organizations, and activities. *The Tower* is a member of the American Collegiate Press Association and the National Collegiate Press Association.

Judicial Affairs

Mission

The Judicial Affairs Office, operating within the context of the University's mission and goals, provides learning experiences for students who are found to be responsible for violating the Student Conduct Code. Judicial Affairs strives to help students grow into more responsible and community-minded persons. Loyola Marymount University provides its students with an environment conducive to the pursuit of knowledge. Such an environment is based upon respect, trust, and integrity among all members of the community.

About Judicial Affairs

The Judicial Affairs Office is committed to fostering an environment conducive to the pursuit of knowledge. Such an environment is based upon respect, trust, and integrity among all members of the LMU community: students, faculty, and staff. As members of this community, students are entitled to certain rights and privileges. In order to protect rights and privileges for all students, there are guidelines for student conduct which facilitate the educational goals of the University. It is necessary that students become familiar with their rights and responsibilities as members of the LMU community. The LMU Community Standards Publication outlines standards of behavior which are appropriate for students in the community.

Policies have been established to assist in building a learning community where the respect, consideration, and dignity of every member of the LMU community are priorities. Of course, no single policy or group of policies can anticipate every eventuality. Accordingly, LMU expressly reserves the right to revise, supplement, or withdraw any policy or portion of a policy from time to time as it deems necessary.

The Student Conduct Code is published in *Community Standards*. All students are responsible for the contents of *Community Standards*, which is available online at <http://www.lmu.edu>.

Use of University Property

No person may use University property in a manner, or for a purpose, or under circumstances forbidden by any applicable public law, ordinance, regulation, or order, or tending to interfere materially with the efficient and orderly conduct of any University business or function.

In line with this directive, any person or persons, whether students or non-students, registered student organization or other student groups, shall be required to obtain a permit from the Office of the Vice President for Student Affairs prior to any proposed march, demonstration, public meeting, etc.

Motor Vehicles

All motor vehicles used on campus must be registered. Registration is established during University registration at the opening of each term. The registered owner is responsible for displaying the University parking decal, affixed at the time of vehicle registration.

Legal Responsibility of the University

The University endeavors to safeguard students in the use of physical facilities, laboratories, athletic fields, and gymnasium, and to this end regulations concerning the use of such facilities have been established, but it is clearly understood that students who use the same do so entirely at their own risk. The University has no legal responsibility for injuries or other damages suffered by students on or off the campus, or in travel to and from school-related activities, or for any expense in connection therewith.

Admission

Loyola Marymount University welcomes applications from students who subscribe to the goals of the University and who are qualified to undertake its programs. The University makes selective and individual decisions, and the academic record is the primary consideration. Writing ability; accomplishments in academic, artistic, athletic, co-curricular, or work- or service-related endeavors; recommendations; national test scores; and relationship to the University are also given significant consideration. Each application is individually evaluated.

Candidates are considered for admission to either the Fall or Spring semester, provided ALL required documents have been received before the priority dates. The Fall priority date for freshmen applicants is January 15; transfer applications are due June 1; the Spring priority date for all applicants is December 1. Full consideration cannot be assured to applicants failing to meet these priority dates. A personal interview is not required, but individual Admission counseling appointments are encouraged. Personal appointments and campus tours can be arranged through the Office of Admission. Please call (310) 338-2750. The fax number is (310) 338- 2797, and the e-mail address is admissions@lmu.edu.

High School Subjects Recommended for Admission

The following high school course of study is recommended for admission into the University.

English	4 years
Foreign Language.....	3 years
Mathematics	3 years
Laboratory Science.....	2 years
Social Sciences.....	3 years
Academic Electives	1 year

Business students must complete a unit in each of the following: elementary algebra, geometry, and intermediate algebra/trigonometry. Engineering, computer science, mathematics, and science majors should complete four units of mathematics and one unit each of biology, chemistry, and physics.

Admission Procedure

The following procedures apply to all candidates. Transfer and international applicants should be sure to note specific additional requirements as stated below. Candidates seeking admission to Loyola Marymount University should:

1. File an application and submit a \$50 nonrefundable application fee or an appropriate fee waiver. Forms are available from the University's Admission Office.
2. Request official transcripts to be sent from the last high school attended and from each college attended. Students currently enrolled in college should submit work in progress. Advanced Placement students must submit official AP test score results in order to receive college credit.
3. Arrange for SAT I or ACT scores to be sent to the Director of Admission. Information about SAT I may be obtained from the College Board: P.O. Box 6200, Princeton, NJ 08541-6200. Information about ACT may be obtained from the American College Testing Program: ACT Records, P.O. Box 451, Iowa City, IA 52243.
4. Before school begins, entering freshmen are required to submit an official final high school transcript certifying the completion of secondary requirements and showing the high school graduation date. Transfer students are required to submit official transcripts for any courses completed since the application for admission was filed. Students failing to submit required transcripts will be prevented from registering for subsequent semesters until this requirement is satisfied.

Notification of Acceptance

Candidates will be evaluated for admission as soon as all of the required steps in the admission procedure have been completed. Notification of the candidate's eligibility for admission will be sent on a rolling basis. A final transcript is required as verification that all work in progress has been completed with a GPA equal to or greater than the student's overall grade point average at the time of acceptance. In the event that the final semester of work does not meet required criteria, acceptance may be rescinded.

Honors at Entrance

Honors at Entrance is awarded to first-time freshmen who show academic excellence as determined by their secondary school record, national test scores, letters of recommendation, and personal involvement in responsible positions of leadership. Special application is not required; all admitted applicants are considered. Students are notified in their acceptance letter. A certificate is sent to the student, and public acknowledgment is made at the student's high school graduation exercises.

Academic Scholars

Each year the Scholarship Committee carefully selects from among the Honors at Entrance candidates a small number of first-time freshmen whose achievement deserves additional recognition. These candidates are designated Academic Scholars and are awarded significant scholarships that are renewable and are not necessarily based upon financial need. Selection is based on outstanding GPA and SAT I/ACT scores, leadership potential, and school or community involvement. Academic Scholars are invited to apply to the University's Honors Program. In addition, those students awarded Academic Scholarships will be invited to participate in the Presidential Preview Weekend which offers a special opportunity to see the campus and to interview for the Presidential and Trustee Scholarships. (See the Financial Aid section for more information on these scholarships.)

Commitment Deposit

Accepted students intending to enroll are required to submit a \$250 commitment deposit to secure their seat in the class.

The commitment deposit is held by the University and is non-refundable. The commitment may be applied at the discretion of the University against any delinquent and unpaid debts. This deposit is payable from the student's own resources. It will neither be deducted from any financial aid awards nor billed as part of tuition and fees.

If the commitment deposit is not received within the stated time, the acceptance for admission may be canceled. Refund of the \$250 commitment deposit will not be made to those who fail to register and attend classes.

Housing

First-time freshmen entering in the Fall term are guaranteed University housing provided their commitment deposit and housing request are received postmarked no later than May 1 for Fall admission.

Fall term transfer students and any student entering in the Spring term are not guaranteed housing. Instead, they are offered accommodations on a space-available basis. Their housing requests will be processed on a first-come, first-served basis as they make their commitment deposits and return all requested Housing information.

Admission of Transfer Students

Each semester the University considers students for transfer, provided they are in good standing and not under academic or disciplinary probation or suspension from the last school attended. Please see the paragraph on Admission Procedure for general admission requirements above. The priority date for transfer applications is June 1 for Fall semester and December 1 for Spring semester. Transfer students are considered for admission as follows:

Students who would have been acceptable for admission as freshmen to Loyola Marymount University at the time of their graduation from high school will be considered for transfer standing if they have at least a 3.00 cumulative average for all previous college work and at least a 3.00 average for the most recent college work attempted prior to admission.

Students who, for academic reasons, were not acceptable for admission as freshmen at the time of their graduation from high school will be considered for transfer standing if they have completed at least the equivalent of 30 semester hours of transferable college work with at least a 3.00 cumulative average and at least a 3.00 average for the most recent college work attempted prior to admission.

Admission of transfer students is selective and subject to available space and enrollment limitations. The minimum transfer GPA of 3.00 may not always be sufficient to secure admission. Likewise, certain majors require that some prerequisites be completed prior to transferring (see Business Administration, Transfer Credit).

Credit for work completed at institutions accredited by one of the six regional associations of the Accrediting Commission for Senior Colleges and Universities, other than course work identified by such institutions as remedial or in other ways as being nontransferable, will be accepted toward the satisfaction of baccalaureate degree and credential requirements at the University within limitations of residence requirements. Courses with grades below C (2.0) do not transfer. A maximum of 60 semester hours from two-year colleges are transferable to the degree program of the University.

Policies regarding transfer credit for a particular degree may vary slightly among the individual colleges, depending upon degree requirements. In general, courses having comparable content and class level with those in the LMU curriculum will transfer.

Admission of International Students

International students should follow the same admission procedures and priority dates outlined above. International students are admitted as degree-seeking students only.

Further, international students are cautioned to comply with the following additional guidelines to ensure compliance with immigration authorities and avoid delay in the processing of the applications:

1. Take the Test of English as a Foreign Language (TOEFL) given by the Educational Testing Service and arrange for scores to be sent to the Director of Admission. Information about this test may be obtained by writing to: Test of English as a Foreign Language, P.O. Box 6151, Princeton, NJ 08541-6151. The University's minimum standard for undergraduate admission is 550 (paper-based TOEFL), 213 (computer-based TOEFL), or 80 (Internet-based TOEFL).
2. Submit a statement of financial responsibility for all obligations covering the full period of time for which the student is making application.
3. Submit official transcripts of previous academic training. Documents must be sent from the originating sources directly to the Admission Office and must cover all secondary schools attended and, if college study was attempted, all colleges and universities attended. Documents should include results of standard examinations administered by government or certifying agencies.

4. Transcripts from non-U.S. institutions must be submitted to an LMU-approved credential evaluation agency for translation into English and/or for evaluation of U.S. equivalent course work and corresponding grade.

It is the responsibility of the student to submit all foreign transcripts to an evaluating agency. Information on such agencies may be obtained by calling the Office of Admission.

Foreign transcripts submitted without the appropriate evaluations will not be considered eligible for transfer credit to LMU.

5. International Students attending a high school, college, or university in the United States must submit a Transfer Verification Form that will be sent to them by the Office of Admission.
6. The United States Department of Justice Immigration and Naturalization Form (I-20) will be sent after the \$250 non-refundable Commitment Deposit has been received by the Office of Admission.

Photostatic copies are acceptable only if they are notarized as true copies and bear the original seal of the notarizing authority. All documents submitted for admission become property of the University and will not be returned.

Medical Examination and Insurance

All students entering the University for the first time or re-entering the University after an absence of one year are required to return a completed Student Health Immunization Form to the Student Health Service. Immunizations must be current and documented. Students with incomplete forms will have their registration withheld for the following semester until immunization information is provided.

The Student Health Service does not fill out private insurance forms. However, copies of charges will be given to the students upon written request.

The University requires that all full-time undergraduate students who are not covered by personal medical insurance **MUST BE** covered by the University's Sickness Insurance Plan. If the student has adequate private sickness insurance, a waiver must be returned to the Controller's Office within the specified time. All students taking seven or more units are automatically covered for accident insurance. Information about filing insurance claims for the University's Accident and Sickness Insurance Plan may be obtained in the Student Health Service Office. Claims must be filed within thirty days of disability. Students should be aware of the name of their insurance company and provider numbers. Coverage by the University's Insurance Plan is not a prerequisite for the use of the Health Center.

Medical Examination for Intercollegiate Student-Athletes

New and returning students planning to participate in intercollegiate sports are required to submit a completed LMU Athletics Department Medical Clearance Form, signed by their private physician, to the Assistant to the Athletics Director prior to their participation in conditioning, practice, and/or competition.

Non-Degree Students

Students wishing to take courses at the University on a non-degree basis must file an application with the Office of Admission in accordance with regularly stated deadlines. Proof of eligibility to study at the University will be required, including transcripts or other appropriate documents.

Non-degree students will be allowed to study for a period of no more than three semesters or a total of 18 semester hours, whichever occurs first.

Accelerated Degree Options

Young Scholars

The University offers enrollment to outstanding high school students looking for an academic challenge and the opportunity to earn college credits. By attending classes at LMU, Young Scholars will attain first-hand experience of college life as well as gain semester hours that will apply toward an eventual university degree.

Young Scholars attend courses with current LMU students and are taught by LMU faculty. Integrating Young Scholars into these courses will enrich the academic experience for all enrolled. For these on-campus courses, high school students must have completed the 11th or 12th grade and carry at least a cumulative B+ (3.3) average. Students receive university level degree credit for all courses passed. Most courses are worth three semester hours of credit.

Enrollment at LMU through this program does not constitute admission to LMU. Young Scholars are classified as “non-degree” students and are held to University academic policies and standards of conduct. Campus housing is not available. Students are responsible for tuition and fees associated with their enrollment and for adhering to deadlines as published in the academic calendar.

Young Scholars are limited to two courses per semester or for summer, two courses per session. For more information, log in to <http://registrar.lmu.edu>, and follow the “Young Scholars” link.

Advanced Placement

LMU participates in the Advanced Placement Program of the College Board. Students may be granted credit at the time of entrance into the University for subjects in which they have completed the AP examinations with scores of 5 or 4. When official scores have been received from the College Board, applicants will be notified of the advanced placement and course credit in accordance with the following table. Note that an essay is required for all examinations offering optional essays.

AP Exam	Minimum AP Score Required	Number of Semester Hours Awarded	Equivalent LMU Course(s)
Art: History of Art	4	6	Art History 200 and 201
Art: Studio Art—Drawing, General*	4	6	no specific course
Art: Studio Art—2D Design*	4	3	no specific course
Art: Studio Art—3D Design*	4	3	no specific course
Biology	4	6	no specific course
Chemistry	4	8	Chemistry 110, 111, 112, and 113
Computer Science A	4	3	Computer Science 182
Computer Science AB	4	3	Computer Science 182
Economics: Macroeconomics	4	3	Economics 120
Economics: Microeconomics	4	3	Economics 110
English Language and Composition	4	3	English 110
English Literature and Composition	4	3	English 140
Environmental Science	4	3	Natural Science 101
European History	4	3	History 101
French Language**	4	9	French 101, 102, and 203
French Literature**	4	9	no specific course
German Language**	4	9	German 101, 102, and 203
Government and Politics: Comparative	4	3	Political Science 155
Government and Politics: United States	4	3	Political Science 135
History, U.S.	4	6	History 161 and 162
Human Geography	4	3	Geography 100
Latin: Literature	4	3	Latin 311
Latin: Virgil	4	3	Latin 312
Mathematics: Calculus AB	4	4	Mathematics 131
Mathematics: Calculus BC	4	8	Mathematics 131 and 132
Music Theory***	4	3	Music 104
Physics B	4	10	Physics 253 and 254
Physics C: Mechanics	4	4	Physics 101
Physics C: Electricity and Magnetism	4	4	Physics 201
Psychology	4	3	Psychology 100
Spanish Language**	4	9	Spanish 101, 102, and 203
Spanish Literature**	4	9	no specific course
Statistics	4	3	Mathematics 104
World History	4	6	no specific course

* Credit subject to final review by Art faculty.

** Maximum of 9 semester hours of language credit may be granted, whether for language or literature on both exams.

*** Credit subject to final review by Music faculty.

Financial Aid

The Financial Aid Office assists those students who require financial aid to attend Loyola Marymount University. Financial Aid is awarded in the form of grants, endowed scholarships, work, and loans. To be eligible for federal and state programs, students must be U.S. citizens or eligible non-citizens enrolled in an LMU degree or credential program. LMU-funded financial aid requires full-time (12-18 semester hours) enrollment in an LMU degree or credential program. Federal and state financial aid is available for students enrolled part-time. Qualified students must not be in default or owe a refund to any federal program to receive any type of financial aid.

Federal and state funded financial aid is available for qualified study abroad programs. To qualify, the program must be approved to receive federal funds, and students must receive approval from their Dean's Office to transfer the units to their LMU academic record. LMU-funded financial aid, including endowed and donated scholarships awarded through the Financial Aid Office, can only be used towards study abroad programs approved for transfer credit and grades.

Counseling and information are available to students, prospective students, and parents on a walk-in or appointment basis. Information and application forms are available in the Financial Aid Office.

FINANCIAL AID OFFICE
Xavier Hall
1 LMU Drive, MS 8330
Los Angeles, California 90045-2659
(310) 338-2753 - Fax (310) 338-2793
E-mail: finaid@lmu.edu
www.lmu.edu/financialaid

Office Hours

Monday through Friday
8:00 a.m.-5:00 p.m.

Rights and Responsibilities

Financial Aid and Enrollment: All financial aid programs assume the student will enroll full-time in coursework at LMU and will maintain satisfactory academic progress. Student aid applicants who will enroll in fewer than 12 semester hours should notify the Financial Aid Office. Undergraduates are eligible for aid from federal funds if they are enrolled in at least 6 semester hours. Students who will enroll in fewer than 6 semester hours are not eligible for most types of financial aid.

Those students receiving financial aid who drop all coursework during a semester or summer term are required to notify the Financial Aid Office and officially withdraw or take a leave of absence through the Office of the Registrar.

Refund Calculations: When students receiving financial aid are eligible for a refund or a cancellation of LMU charges, their financial aid will also be adjusted. The Financial Aid Office will calculate the adjustment and notify the Controller's Office/Student Accounts. Any resulting refund, due to a federal financial aid program, will be made by LMU for the student. Any resulting charge will be added to the student's account. Specific information is available from the Financial Aid Office.

Satisfactory Progress Standards and Financial Aid Probation: Financial Aid probation is more rigorous than academic probation, which is described later in the section on "Academic Policies."

Undergraduate Students receiving financial aid must:

Complete the required number of units as outlined below.

Minimum Units that Must Be Completed If:

<u>Term</u>	<u>Full-Time</u>	<u>3/4 Time</u>	<u>1/2 Time</u>
Fall Semester	12	9	6
Spring Semester	12	9	6
Summer Sessions	6	4	3
(Combined)			

For financial aid purposes, the grades of F, NC, AU, and W will not be counted toward meeting the minimum term hours requirement. Grades of A, B, C, D, and CR will be counted. Grades of I or NR temporarily will not be counted until the final grade is posted. Hours for repeat coursework **do not** count towards the minimum semester hours required for satisfactory progress.

NOTE: All LMU-funded sources of financial aid as well as California state grants are available for a maximum of eight semesters if all other eligibility requirements are met. Please refer to the **Academic Degree Requirements and Policies** section of this Bulletin for information on the recommended course load required to complete degree requirements in eight semesters (4 years).

All undergraduate students must also maintain a semester and cumulative grade point average of 2.0.

If a student repeats a course, the course is counted only once, both in the computation of total hours completed and in the cumulative GPA. In this case, the most recent grade received is the one used to determine the student's status. In determining the cumulative grade point average, only courses completed at Loyola Marymount will be considered.

Students failing to meet the above conditions (completion of minimum term hours and minimum term and cumulative grade point average) are placed on Financial Aid Probation and given two terms from the beginning of the subsequent semester to rectify the deficiency. Students failing to do so are not eligible to receive financial aid.

Appeals: The University has established an appeal procedure to insure equitable treatment of all financial aid applicants and recipients. Appeal forms are available in the Financial Aid Office.

Any fraudulent use of financial aid funds is cause for immediate suspension or dismissal, as well as discontinuance of future financial aid. This includes, but is not limited to, fraudulent statements on Financial Aid forms, inaccurate tax returns, and Student Time Cards for both hours worked and signatures obtained.

Applying for Financial Assistance

Consideration for financial aid begins when the student is admitted to the University. Thus, a student applying for financial aid should also apply for admission and financial aid at the same time.

To apply for financial assistance, it is necessary to file the following forms and information:

New freshmen, transfer students, and continuing LMU students applying for financial aid for the first time:

By March 2, 2006:

1. A **2006-2007 Free Application for Federal Student Aid (FAFSA)** must be filed by all students. The FAFSA form is available from high schools or from financial aid offices around the country, or you can apply online at <http://www.fafsa.ed.gov>.

2. The **2006-2007 CSS PROFILE**, which requires a fee, must be filed by all new applicants, which includes students new to LMU and continuing LMU students applying for financial aid for the first time. The CSS PROFILE registration form is available from high schools or from financial aid offices around the country, or you can apply online at <http://www.collegeboard.org/profile>.

3. **CALIFORNIA RESIDENTS ONLY:** To apply for a new Cal Grant A or B (see Grants), students must complete the GPA Verification form.

By April 1:

4. All new applicants **must submit signed copies of student and parents' federal tax forms, all schedules and W-2s** to the Financial Aid Office.

Continuing Applicants:

By March 2, 2006:

1. A **Renewal Free Application for Federal Student Aid (FAFSA)** must be filed by all continuing LMU students. The Renewal FAFSA is available in January online at <http://www.fafsa.ed.gov> for those students who completed a FAFSA in the prior year using their federal PIN. Other students will have their renewal FAFSA mailed to them in January.

2. The **Undergraduate Financial Aid Application for Continuing Students** must be filed by all continuing applicants and is available to download at <http://www.lmu.edu/financialaid>.

By May 1, 2006:

3. All students **must submit signed copies of their and their parents' federal tax forms, all schedules, and W-2s** to the Financial Aid Office by May 1, 2006. If the student or parent is not required to file a 2005 tax return, they must submit an LMU Student Non-File form or a Parent Non-File form. These forms are available to download from the Financial Aid Office website.

Programs of Assistance

Academic Scholars

Each year the Scholarship Committee recommends to the President of the University a number of students whose achievements merit exceptional recognition. Recommendations are based upon the potential for academic accomplishment and leadership which is demonstrated in outstanding academic records, GPA and SAT/ACT scores, and in demonstrated leadership in school or community. Academic Scholars receive grants worth \$5,000, renewable with a 3.0 cumulative LMU GPA for a total of eight semesters. These awards are made possible by annual contributions as well as by eight endowment funds:

Bernard and Catherine Bannan Presidential Scholarship Fund
Loretta Clougherty Dodd '61 Memorial Presidential Scholarship Fund
Cyril and Edith Nigg Presidential Scholarship Fund
Rains Presidential Scholarship Fund
Seaver Institute Presidential Scholarship Fund
Joseph M. Sexton Presidential Scholarship Fund
John A. Teske Presidential Scholarship Fund
Yerkes/Exxon Presidential Scholarship Fund

Trustee and Presidential Scholars

From among the Academic Scholars, the President will select a very limited number of entering freshmen each year for LMU's top academic scholarship, the Trustee Scholarship, and an additional number to receive the Presidential Scholarship. In addition to the academic and leadership criteria used to select the Academic Scholars, Trustee and Presidential candidates will interview with the Scholarship Committee at LMU. Trustee Scholars receive grants equal to full tuition, room, and board, renewable with a 3.0 cumulative LMU GPA for four years. Presidential Scholars receive \$17,000 per year, renewable with a 3.0 cumulative GPA for four years.

Thomas P. O'Malley, S.J., Jesuit High School Scholarships

The University will select one graduate from each Jesuit high school each year for special recognition, based upon superior academic achievement, demonstration of community leadership, and commitment to the ideals of Jesuit education. Scholarship winners will receive renewable grants of \$17,000 per year for eight semesters, provided the student maintains a 3.2 grade point average at LMU.

Marymount High School Scholarships

The University will select one graduate from each Marymount secondary school each year for special recognition, based upon superior academic achievement, demonstration of community leadership, and commitment to the ideals of Marymount education. Scholarship winners will receive renewable grants of \$17,000 per year for eight semesters, provided the student maintains a 3.2 grade point average at LMU.

Jesuit Community Scholarships

The Jesuit Community at LMU supports a scholarship fund designed to assist students from Jesuit high schools or other Catholic high schools. Criteria for selection include scholarship, leadership, and Christian service.

Scholarship winners receive grants worth \$5,000, renewable with a 3.0 cumulative LMU GPA for a total of eight semesters.

Leadership Scholars

The Scholarship Committee recommends to the Academic Vice President each year an additional number of students characterized by notable contributions to their school or community. While these recommendations presume an excellent academic record, special consideration is given to students who demonstrate exceptional promise as campus or community leaders. The Committee also gives special consideration to students from economically-disadvantaged circumstances.

Recommendations are based upon excellent academic records, active involvement in school and community, and demonstrated potential for leadership on campus and in the community. Leadership scholars receive grants worth \$11,500, renewable with a 3.0 cumulative LMU GPA for a total of eight semesters.

Deans' Scholarships

A total of 15 Deans' Scholarships, distributed across LMU's five undergraduate schools and colleges, will be awarded to students with strong academic records and demonstrated potential to contribute to the academic life of the specific school or college. This scholarship is worth \$50,000 (\$12,500 per year for four years).

Los Angeles County Scholarships

Instituted in 2001, the Los Angeles County Scholarship is awarded to selected entering freshmen from Los Angeles County who demonstrate distinguished academic achievement and determination to excel in the face of educational and economic disadvantage. Awards range to full tuition and may be combined with federal and state grants.

California Scholastic Federation

Loyola Marymount sponsors four scholarships for CSF Sealbearers. To apply, students must send a copy of their CSF Certificate to the Financial Aid Office by March 1.

Grants

University Grants

Loyola Marymount University funds and administers grants of its own. They include academic scholarships and Loyola Marymount University (LMU) grants. LMU grant eligibility is based on financial need and limited to eight semesters. **Transfer students** are evaluated individually to determine the number of semesters for which they can receive LMU grants.

The Pell Grant program is a federal aid program designed to provide financial assistance to eligible students for postsecondary studies. The amount of the Pell Grant is determined based on the financial resources of the student and parents. Grants range from \$200 to \$4,050.

The Supplemental Educational Opportunity Grant program is designed to assist those students who would not otherwise be financially able to pursue an undergraduate course of study. The amount of the grant is determined by reviewing the student's financial resources and also the resources of the parents. The amount of the award varies based on the student's Pell Grant and, like other grants, does not have to be repaid.

Cal Grant A is a grant awarded by the State of California to California residents and may be used to pay tuition at approved institutions within California. Normally, the grant is awarded to freshmen students; however, many transfer students and upperclassmen who apply also receive this grant. The grant is normally renewable each year once it has been obtained. Information on how to apply for this grant may be obtained from either the high school counselor's office, www.csac.edu.gov, or the Financial Aid Office.

Cal Grant B, which is funded through the State of California, is another way students who are California residents may finance their education at Loyola Marymount University. This program in many cases allows for payment of tuition, books and supplies, and other educational expenses. Information on how to apply for the Cal Grant B is available at high schools, www.csac.edu.gov, and at the Financial Aid Office.

Student Employment

The Student Employment Service provides employment assistance to the students of Loyola Marymount University including part-time jobs ranging from 10 to 20 hours a week, part-time/full-time seasonal work during the Christmas and summer vacations, temporary jobs on an hourly basis, and tutoring positions within the student's major field of study. These services are for all students regardless of their financial need. They are primarily off-campus positions.

The Federal Work Study program is another source of employment for students who qualify based on financial need. This program is funded jointly by the Federal Government and the University. It is designed to create jobs for students at the University, such as library researchers, teaching assistants, laboratory technicians, intramural referees, team managers, etc. Under the Work Study Program, most students will be awarded funds to average 12-15 hours per week during the term. Students are hired for part-time positions for the entire academic year, and they may earn up to the amount listed on their current financial aid award letter.

The Student Worker program is another employment program designed to give resident students an opportunity to earn an education by working on campus. The Student Worker Organization is an autonomous group that is primarily student-directed and -operated. Jobs include maintenance, recycling, and clerical and miscellaneous tasks for departments on campus. To apply, students should contact the Student Worker office at (310) 338-5013.

Loans

Many types of financing options are open to students and parents.

The following loans require the student to apply for financial aid (see the Applying for Financial Aid section) to determine eligibility:

Perkins Loan is a low-interest loan available to students who qualify for the Federal Pell Grant. Students may borrow a sum normally not to exceed \$4,000 per year. After students leave school, they have a 9-month grace period before interest begins to accrue. The loan must be repaid on a quarterly basis at a rate of usually not less than \$120 per quarter. If a student defaults and the school is unable to collect, the Federal Government may take action to recover the loan. Under certain conditions there are loan deferment and/or cancellation provisions for borrowers. The Office of Financial Aid provides information about such provisions.

The Stafford Student Loan is a low-interest federal loan made by a bank, credit union, or savings and loan. First-year students can borrow \$2,625; second-year \$3,500; and third-, fourth-, and fifth-year students can borrow up to \$5,500. Students who qualify will not be charged interest on their loans while they are enrolled at least 1/2 time (6 semester hours) in an eligible program. Students who do not qualify to have their interest paid by the federal program may still borrow an unsubsidized Stafford loan. They will pay the interest on their loan during the periods of enrollment.

The Parent Loan for Undergraduate Students (PLUS) is a low-interest federal loan made by lending institutions to parents who have good credit. Parents may borrow up to the total cost of their dependent student's education, minus any other financial aid. The PLUS interest rate is variable up to 9%. A loan origination fee and an insurance premium is charged. Parents must begin repayment within 60 days of final disbursement. Contact the Financial Aid Office for the current interest rate.

Fritz B. Burns Loan Fund

The Fritz B. Burns Student Loan is a 1% interest loan offered to out-of-state students who are U.S. citizens or permanent residents and will enroll full-time each semester. Loan amounts range from \$2,000 to \$10,000.

For loans over \$5,000, students are required to have a parent as a co-borrower. This parent must be credit worthy to qualify. If a student receives other assistance from LMU, the federal and/or state government, or an outside agency, the amount borrowed through this program may be reduced.

LMU California Student Loan

The LMU California Student Loan is a zero-interest loan offered to students who graduated from a California high school, are U.S. citizens or permanent residents, and will enroll full-time each semester. Loan amounts range from \$2,000 to \$10,000.

For loans over \$5,000, students are required to have a parent as a co-borrower. This parent must be credit worthy to qualify. If a student receives other assistance from LMU, the federal and/or state government, or an outside agency, the amount borrowed through this program may be reduced.

K. Miyawaki Loan Fund

A revolving loan fund established by Dr. and Mrs. Edison H. Miyawaki to help financially needy students with good academic records, with preference given to students from Hawaii.

Scholarships

We are grateful for the assistance of alumni, family, and friends of the University who have so generously invested in the success of LMU students.

Most scholarships are awarded by the Financial Aid Office and do not require that students complete a special application. However, to be considered for any scholarships, students must apply for financial aid as stated on page ** of this Bulletin.

Scholarships that do not require an application or special process:

Accounting Alumni Scholarship
 Carl W. Ackerman Family Scholarship
 Aerospace Studies Scholarship*
 African American Alumni Association Scholarship*
 Ahmanson Scholarship*
 Alpha Delta Gamma Scholarship Fund*
 Alpha Sigma Nu Scholarship*
 Arrupe Scholarship*
 Asian Pacific Scholarship*
 Georgianna "Charlie" Atol Memorial Fund
 James E. Bahan Fund
 Mary Adams Balmat Scholarship Fund
 Bank of America Scholars Program (through ICSC)*
 Bannan/Western Gear Engineering Scholarship Fund
 Virginia Barnelle Scholarship Fund
 Louis Beaumont Foundation Fund
 George S. Black Engineering Scholarship*
 Dr. Halbert Blair Memorial Scholarship
 Barbara Bonney Scholarship
 Grover L. Bossert Memorial Scholarship
 Guy Bove Fund for Student Leadership
 Bradley Foundation Fellowship*
 Patricia C. Brisnehan Scholarship

Russ Buckley Memorial Athletic Scholarship Fund
 Martin J. Burke Family Scholarship
 Business Affiliates Scholarship Fund
 Sr. Martin Byrne Memorial Scholarship
 Edgar D. Cahn Memorial Scholarship Fund
 Louis J. Canepa Fund
 Cantwell High School Scholarship
 Otto A. Carabba III Scholarship Fund
 Frank Casado Scholarship
 Edna Van Wart Castera Fund
 Catholic Press Council Scholarship Fund
 CATS: Communication and Fine Arts Scholarship
 CATS: Film and Television Scholarship
 Dr. Stanley H. Chan Memorial Scholarship*
 Fr. Maurice G. Chase Scholarship Fund
 Rev. Peter Ciklic Memorial Fund
 Henry Cisneros Scholarship*
 Class of 1952 Alumni Scholarship Fund
 Class of 1972 Alumni Scholarship Fund
 Sr. Mary David Collins
 Cosgrove Family Scholarship Fund
 Rev. Jerome L. Cummings Scholarship Fund
 Daguerre Fund
 Frank and Mary L. Daley Memorial Scholarship
 Daniel Murphy Foundation Encore Scholarship*
 Daniel Murphy Foundation Scholarship
 Mr. and Mrs. William J. Daze, Sr., Scholarship Fund
 Degheri Scholarship
 Deloitte & Touche Scholarship*
 Mary S. DeMartini Memorial Scholarship
 Department of Accounting Scholarship
 James M. and Dorothy E. Deveny Scholarship
 Carrie Estelle Doheny Foundation Scholarship*
 Vincent and Winifred Downey Scholarship
 Dunning Art and Art History Scholarship*
 George A.V. Dunning Music Scholarship Fund
 Endlein Scholarship*
 Ernst & Young Scholarship*
 Eschardie Scholarship Fund
 John Eugene and Sydney Jeanne Farnan Scholarship Fund
 Paul Feit Memorial Scholarship
 Edward J. Fischer Memorial Fund*
 William F. Fitzgerald Scholarship Fund
 J. Simon and J. Robert Fluor Memorial Scholarship (through ICSC)*
 Forest Lawn Scholarship (through ICSC)*
 Charles Robert Forgnone Memorial Scholarship*
 Franciscan Scholarship Fund
 Eudice Friedman Memorial Scholarship Fund
 Fritzsche Scholarship Fund
 Rita Piumetti Garvin Scholarship
 Virgil L. Gentry Scholarship Fund
 Gerard Parent Fund
 Getty Music Scholarship*
 George W. Goman Scholarship Fund

* These scholarships are usually funded annually. Funding for the following scholarships cannot be guaranteed.

Nanette Salamunovich Goodman Scholarship	McGowan Scholars Program*
Thomas Grojean Scholarship Fund	William J. McIntosh, S.J., Scholarship Fund
Lewis Guerrieri Memorial Fund	John E. Meehan Scholarship
Gutierrez/Corral Family Scholarship	Messina/Chancellor Scholarship Program
Dr. Peter J. Haen Scholarship	Jess E. Metcalf Business Scholarship Fund
Eugenie B. Hannon Engineering Scholarship	Foundation of the Milken Families (through ICSC)*
Eugenie B. Hannon Scholarship	Willa Young Morehart Scholarship Fund
William H. Hannon Science and Engineering Scholarship*	Moss Adams, LLP, Scholarship*
William H. Hannon Science and Engineering Scholarship for Upperclassmen	National Arts Association Fine Arts Scholarship*
Julian Hatcher Scholarship Fund	National Merit Scholarship*
Mrs. William Randolph Hearst, Sr., Memorial Scholarship Fund	Nonprofit Action Program Scholarship*
Richard M. Hennessy Scholarship	Nordstrom Scholarship (through ICSC)*
Truman Hutton Scholarship Fund	NSBN LLP Kevin Niles Memorial Scholarship*
ICSC Scholars Program*	Richard O'Laughlin Memorial Scholarship Fund
Charles and Ila Jawetz Scholarship	Jordan and Stella Olivar Scholarship Fund
Mary Elizabeth Adelaide Jenkins Scholarship Fund	Kenneth Olsen Scholarship Fund
Jesuit and Marymount High School Scholarship	Pacific Life Foundation (through ICSC)*
Luther Johnson Fund	Stephen F. and Judy K. Page Accounting Scholarship
Howard A. and Shirley V. Jones Scholarship Fund*	Stephen F. and Judy K. Page Engineering Scholarship
Joseph Family Foundation Scholarship*	Edwin and Margaret Park Scholarship Fund
Kalbfleisch Physics Scholarship*	Ralph M. Parsons Foundation Scholarship (through ICSC)*
Nelly and John B. Kilroy*	Ralph M. Parsons Memorial Scholarship (through ICSC)*
Ouriz Kouyoumjian Memorial Scholarship*	PricewaterhouseCoopers Scholarship*
KPMG Peat Marwick Scholarship*	Walter and Janet Prockter Memorial Scholarship Fund
John and Maria Laffin Scholarship*	Protiviti Accounting Scholarship*
J. Terrence Lanni Family Foundation Scholarship Fund*	Tom Reilly Communication Studies Memorial Scholarship*
Thomas E. and Margaret G. Larkin Endowed Scholarship	Denise C. Richards Scholarship
Thomas E. Larkin, Jr., Scholarship*	Robert Ritter Memorial Scholarship
Laurel and Hardy Scholarship Fund	John Walton Roalfe Memorial Fund
Michael Leahy Scholarship in the Humanities	Ted Rosen Music Scholarship*
Jesus L. Legaspi Scholarship	Rev. Victor H. Rossetti Fund
Professor Jesus L. Legaspi Scholarship Fund*	R.S.H.M. Scholarship
Magda E. Lempart Memorial Scholarship	Linda Sanford SFHS Political Science Scholarship*
Michael J. Levis Scholarship	Clarence K. Santo Memorial Scholarship
Liberal Arts Scholarship Fund	Louise G. Sauvage Memorial Scholarship Fund
The Lipsky Family Scholarship in Memory of Irvin and Edith Lipsky	Sister Agnes Marie Schon, C.S.J., Scholarship
Harold Lloyd Memorial Fund	Elsbeth Schulz-Bischof Memorial Scholarship Fund
LMU Communication and Fine Arts Scholarship*	Mary Katherine Sharron Scholarship
Los Angeles Philanthropic Foundation Scholarship*	Sidlow Endowed Scholarship Fund
Rev. James N. Loughran, S.J., Scholarship Fund	Peter Stankovich Memorial Scholarship
Frank Lovett Fund	John Stauffer Memorial Fund
Loyola Marymount Guild Fund	Stropole Family Scholarship Fund
Loyolan L.A. Catholic High School Scholarship*	The Gertrude H. Stuart Scholarship Fund
Loyolan Out-of-State Catholic High School Scholarship*	Tiger International Scholarship Fund
Lorenzo M. Malone Scholarship*	Howard Towner Memorial Scholarship
Louis E. Manseau Memorial Scholarship Fund	Transamerica Occidental Life Scholarship (through ICSC)*
James Maraz Scholarship	Fred H. Trickett Memorial Scholarship Fund
Marymount CFA Scholarship Fund*	Union Bank Scholarship (through ICSC)*
Rita A. Maurer Scholarship	David William Upham, Jr., Memorial Scholarship Fund
George Henry Mayr Scholarship*	UPS Foundation Scholarship (through ICSC)*
George Mayr Endowed Scholarship	Murray C. Upstill Scholarship
Helen L. McCormick Scholarship Fund	Giovanni Vai Fund
John McDermott Memorial Scholarship	Jack A. Vanier Fund
	Marjory K. Vanier Memorial Scholarship Fund
	Manny Varela Scholarship Fund

* These scholarships are usually funded annually. Funding for the following scholarships cannot be guaranteed.

Linda Von der Ahe Scholarship Fund
Sharon Walter Memorial Scholarship Fund
Washington Mutual Scholarship (through ICSC)*
Gerard L. Werner Fund
Western Italian Golf Association Scholarship Fund
Milton F. Williams Memorial Scholarship*
Wilson Family Scholarship
Michael J. Wright Fund
Xerox Scholarship Fund
Franco Zeffirelli Communication Art Scholarship Fund
Robert W. Zinn Memorial Scholarship Fund
Archbishop Zwijzen Scholarship

Scholarships that require a separate application and/or process:

Scholarships that require a separate application or process will be advertised on the Financial Aid website or by direct contact with eligible students throughout the school year. Scholarship applications will be available for download at www.lmu.edu/financialaid.

ANA Scriptwriting Award*: Writing students; demonstrated TV writing ability; interest and skill in family-friendly television; must be enrolled; must serve in an internship related to family-friendly TV writing or production.

Robert and Lois Atherton Scholarship*: Full-time student; engineering or business major; freshman or sophomore; renewed each year until senior year; GPA of 2.5 or better. Applicants need to write a paragraph about why they are deserving. *Selection made by donor.*

C&C Award Scholarship*: Written endorsement by two full-time faculty members in the department and Father Michael Tang, Chair of the Department of Art and Art History required; future potential of student.

CFA Council Scholarship*: Selection is based on talent and experience.

Coca-Cola First Generation Scholarship (through ICSC)*: First member of their immediate family to attend college; full-time student; at least a 3.0 GPA; must show involvement and leadership in campus and community activities; needy and deserving. Incoming freshmen, high school seniors apply on official Coke brochure. *Selection is made by the Coca-Cola Corporation.*

Warren and Elizabeth Conrad Scholarship for the Blind: Recipient shall be declared blind or legally blind as defined by federal law; recipient shall provide written statement from certified ophthalmologist stating he/she is legally blind; graduate from high school no earlier than ten years prior to date of scholarship award. *Selection made by Financial Aid.*

CPG Marketing Excellence Award: Junior or senior standing; minimum GPA of 3.2; business major with an emphasis in marketing; selection will be competitive per required application components. *Selections made by CPG Marketing Excellence Scholarship Awards Committee.*

Delta Sigma Pi Scholarship*: Member must be in good standing of Delta Sigma Pi Fraternity; 2.7 GPA or higher; must be working a minimum of 10 hours per week to help pay for college education; financial ability of parents not considered; must submit a 100 or more word essay on what the Fraternity has taught them. *Selection made by scholarship committee and current Delta Sigma Pi Faculty Advisor.*

Myles P. Dempsey Scholarship*: Permanent residency out of state of California; great financial need; GPA over 3.0; application essay regarding reason why needy and deserving. *Selection made by donor.*

Edison International Scholarship (through ICSC)*: Member of under-represented ethnic group; family residence within Edison territory; U.S. citizen or permanent resident; demonstrated financial need; demonstrated academic achievement; first generation to attend college.

Linkey Booth Green Scholarship: Must be enrolled in the College of Business Administration; entering freshmen must have a GPA of 3.0; sophomores, juniors, and seniors applying must have minimum 2.5 GPA; financial need not a requirement. *Selection made by donor.*

Richard A. Hollow, Jr., Memorial Scholarship*: Merit; need; active contribution to church and community.

Lina Hu Scholarship in Asian/Pacific Entrepreneurial Studies*: Student engaged in Asian/Pacific entrepreneurial study in the U.S.; preference to qualified junior, senior, and/or graduate students; women and minorities strongly urged to apply; financial need; minimum 3.0 GPA. Students must write an essay including biographical summary, need for support, long-term goals, and how entrepreneurship will assist him/her to become leader in chosen field; essays must be submitted to Dr. Robin Wang. *Selection made by Asian Pacific Studies Department in conjunction with Financial Aid.*

ICSC Community Service Internship Corps*: Intern must successfully complete internship, be enrolled for the term following the internship, and demonstrate financial need. *Selection made by participating non-profit agency.*

Jesuit Community Scholarship: Must have attended a Jesuit high school or a Catholic high school in California, or must be attending Loyola Marymount; financial need; academic performance, leadership, and Christian service; special consideration given to applicants whose family has or has had several children in Catholic schools. *Selected by Admission and Jesuit rector during admission process.*

* These scholarships are usually funded annually. Funding for the following scholarships cannot be guaranteed.

Rev. Alfred J. Kilp, S.J., Alumni Scholarship Fund: For sons or daughters of Marymount, Loyola, or LMU alumni; based on financial need; exemplary person character; involvement in school, religious activities, leadership in school and the community; and academic achievement, though grades will not be a principle determining factor. Online application is through LMU Alumni Association. *Selection made by a committee of alumni, staff, and faculty.*

Lewis A. Kingsley Foundation Scholarship*: Applicant must be employed and must submit a letter of recommendation from employer; be enrolled full-time; earn a minimum of \$5,000, not including LMU earnings; be a sophomore, junior, or senior; have a minimum GPA of 2.0; for students who have been found ineligible for financial aid. Student must prepare a 1-2 page essay on why he/she feels qualified as a recipient. *Selection made by Financial Aid.*

Lipsky Family Scholarship: Sophomore, junior, or senior science major; minimum 3.25 GPA. Students must write a paragraph about themselves, their need, and their future plans. *Selected by Dean of Frank R. Seaver College of Science and Engineering.*

LMU Math Scholarship: Mathematics major; sophomore; financial need should not be considered; competitive examination; full-time student in good standing. *Selection made by Math-Merit scholarship committee.*

Macerich Scholarship (through ICSC)*: For students from high schools near three Macerich shopping malls. *Selection based on competition in malls.*

Sr. Raymunde McKay, R.S.H.M., Scholarship Fund: For sons or daughters of Marymount, Loyola, or LMU alumni; based on financial need; exemplary personal character; involvement in school, religious activities, leadership in school and the community; and academic achievement, though grades will not be a principle determining factor. Online application is through LMU Alumni Association. *Selection made by a committee of alumni, staff, and faculty.*

William F. McLaughlin Memorial Scholarship: Merit based without regard for financial need; junior majoring in Biology; must have completed 60 semester hours at beginning of Fall semester of junior year. *Selection made by Frank R. Seaver College of Science and Engineering scholarship selection committee.*

Mexican American Alumni Association Scholarship (MAAA): Latino; financial need. Application process begins every Spring semester. *Selection made through the MAAA scholarship selection committee.*

George F. Montgomery Scholarship: Must be an English major or have a major within the Bellarmine College of Liberal Arts and be enrolled in an English class; must submit an original Gothic or horror short story or academic study of Gothic or horror fiction, excluding the works of Anne Rice (minimum of 5 pages). *Applications will be judged blindly by a panel of University faculty in the English Department.*

National Arts Association Scholarship: Art major; artistic ability; financial need. *Selection made by Financial Aid Office in conjunction with the Art Department.*

Northrop Grumann Engineering Scholarship*: U.S. citizen; Engineering or Computer Science major; 3.0 or higher GPA; interest in Aerospace/Defense industry. *Selection made by Northrop Grumann.*

Ralph M. Parsons Memorial (through ICSC)*: competitive scholarship for children of Parsons Corporation employees. *Selection made by ICSC interview panel.*

Pike/Christopher Scholarship: Student must have high moral integrity; love of one's fellow men; truthfulness; strong commitment to religious and moral principles; dedication to service of others; scholastic achievement; emotional stability; deep religious conviction, but awards not limited to one religion. Student must assume position of leadership to better world conditions. *Selection made by Financial Aid.*

Mabel Wilson Richards Scholarship*: Female; resident of Los Angeles or other approved city; financial need; U.S. citizen; student enrolling for the first time must have earned a GPA of 3.0 or higher in last two years of high school or first year in college. *Selection made by foundation based on recommendation by Financial Aid Office.*

TELACU Scholarship*: Incoming Hispanic students must be a graduate of one of the qualifying East L.A.-area high schools; transferring students must be transferring from one of the participating colleges/universities; required residency in unincorporated East L.A. *Selection made by TELACU Scholarship Committee.*

Margaret Tritle Rome Scholarship: For students studying abroad in the Summer Rome Program. Merit and need based. *Selection made by the Director of the Rome Program.*

* These scholarships are usually funded annually. Funding for the following scholarships cannot be guaranteed.

Tuition and Fees

The tuition charge supports the instructional program and general services of the University, such as ordinary health services, various counseling services, lectures, intercollegiate athletic events, and the library.

Regular Tuition

Undergraduate Full-Time Students (programs of 12 through 18 semester hours):	
per academic year.....	\$29,198
per semester	\$14,599

Special Tuition

Part-Time Undergraduate Students
(Unit Rate for 11 semester hours or less and overload hours in excess of 18):

Undergraduate Students	
per semester hour	\$1,216
Auditors, per semester hour.....	\$304
Advanced Credit: High School Young Scholars, per semester hour	\$1,216

Residence Hall Fees

Housing Processing Fee/Deposit	\$400 mandatory
This deposit is applied to the room charge but is forfeited by those who fail to register.	
Desmond, Doheny, Rosecrans, Whelan Halls double room, per academic year	\$6,854
Huesman and Sullivan Halls per academic year.....	\$6,854
McKay Hall double rooms with adjoining baths, per academic year.....	\$7,785
McCarthy and Rains Halls double rooms with adjoining baths, per academic year.....	\$7,785
Leavey Center	\$7,339
Del Rey North/South Halls per academic year.....	\$7,293

Housing cost applies to the academic year only. Additional costs are added for special living accommodations and single or private accommodations. Students who live on campus during recess periods will be charged a daily rate as indicated in their lease agreement. Summer Session Housing fees are additional.

Apartment Fees

The University has beds in completely furnished apartment-style residence halls on campus. Each apartment accommodates four students in two bedrooms with adjoining bath and a living room with a pullman-style kitchen.

Hannon and Tenderich Apartments per academic year.....	\$8,718
O'Malley/Leavey IV, V, and VI Apartments per academic year.....	\$9,282
Loyola Houses 8000 and 8001	\$8,364

Apartments are open during recess and semester breaks.

Board Programs

The various plans are referred to as Lion Dollar Plans. All students living in non-apartment residences are required to purchase a plan. Special dietary food may be obtained by arrangement. Four plans are offered by Sodexo Food Services. Both the Malone Center and University Hall dining facilities feature restaurant-style food selections on a declining balance, à la carte basis.

Lion Dollar Plans are not refundable.

Plan L, per academic year.....	\$4,000
Plan I, per academic year	\$3,100
Plan O, per academic year	\$2,650
Plan N, per academic year	\$2,200

Commuter students and apartment residents may purchase any of the plans listed above or may open a Plan S account with a minimum value of \$100 or multiples thereof.

(These rates are subject to change.)

Other Fees

Accident Insurance (mandatory for 7 or more semester hours)	\$195
Admission Application Fee	\$50 mandatory
Commitment Deposit.....	\$250 mandatory
The commitment deposit is a one-time <u>non-refundable</u> fee required by all new freshmen and transfer students.	

Orientation Fee (non-refundable mandatory for entering freshmen and transfers)	
Fall entry	\$210
Spring entry	\$105
Registration Fee, per semester (mandatory)	
assessed each term to all students	\$55
Sickness Insurance (mandatory for 7 or more semester hours, unless proof of coverage provided).....	\$630
Student Activity Fee (mandatory for full-time undergraduates)	
per academic year (full-time)	\$146
per semester hour (part-time)	\$5
Student Recreation Facility Fee (mandatory for all full-time undergraduate students, voluntary for all part-time and graduate students)	
per academic year	\$130
per semester	\$65
guests of students	\$5 per visit
Media Fee (mandatory for full-time undergraduates)	\$55
<i>Miscellaneous Fees—Generally all miscellaneous fees are non-refundable unless stated otherwise and due when charged to your Student Account.</i>	
Collection Cost.....	\$95 minimum to a maximum of 40% of the outstanding balance
Credit Card/Debit Convenience Fee (\$3 per \$100 transaction if applicable)	
Credit by Examination.....	\$50
Deferred Payment Fee	
Standard Payment Plan Fee	\$95
Twelve/Ten Payment Plan Fee	\$115
Twelve/Ten Payment Plan ACH Auto-Check	\$45
Semester and Co. Reimbursement Plan Fee	\$95
Directed Teaching Fee, per semester hour:	
Elementary.....	\$25
Secondary.....	\$25
Duplicate billing fee (duplicate statements and/or expense letters)	\$7
Equipment Insurance Fee.....	\$5
Late Financial Clearance Fee	\$95
Late Payment Fee (monthly)	\$95
Replacement Charge for OneCards	\$15
Returned Check Charge	\$25

Rush Transcript.....	\$10
Teacher Placement Fee	\$30

Certain courses may also require mandatory laboratory fees. Check with departments.

Any unpaid fines or charges (such as parking, library, delinquent telephone charges, property damage) or any miscellaneous charges incurred by a student while in attendance at the University will be charged to the student's account. Certain fees deemed optional are required to obtain that good or service.

The tuition, fees, and other charges described above are good faith projections for the academic year. They are, however, subject to change from one academic term to the next as deemed necessary by the University in order to meet its financial commitments and to fulfill its role and mission.

There are other fees and charges unique to certain programs that are dependent upon a student's matriculation at the University. These fees or charges may be determined by contacting the University offices that administer those programs or activities in which the student intends to enroll or engage.

Estimate of Charges

Since each student may elect various services with associated charges, it is not possible to determine precisely all student charges before registration. However, the following schedule estimates the charges for one academic year for a typical freshman undergraduate resident exclusive of entertainment, transportation, sickness insurance, or other personal costs:

Estimated	Residence Hall	Apartment
Tuition (12-18 semester hours)	\$29,198	\$29,198
Mandatory Fees	\$841	\$841
Room	\$6,854	\$8,219
Meals	\$2,900	\$1,000
Books, Supplies	\$1,000	\$1,000
Total Estimate	\$40,993	\$40,258

Estimate assumptions for illustration:
Assumes Lion Dollar Plan I or Lion Dollars S Plan for apartments. Average apartment rate used for apartment residents. Actual Financial Aid Budget may vary due to individual economic circumstances.

Payment of Student Charges

Tuition, fees, and board charges are payable by the semester. **Financial clearance is necessary prior to registration and subject to Late Financial Clearance/Deferment Fee after the deadline.** Clearance may be obtained from the Controller's Office Student Accounts Department at the time of payment or by making arrangements for the payment plan described below.

Registration for classes may be canceled for any student whose payment check for tuition or fees is returned unpaid from the bank or who has defaulted on payment arrangements.

Financial clearance cannot be granted, and pre-registration will not be permitted, if a student's account is delinquent.

Failure to pay tuition and other outstanding debts will result in the withholding of the academic transcript. The student diploma will not be released until all debts are satisfied in full. Students are prohibited from future registrations due to delinquent accounts.

Sickness Insurance

The annual Sickness Insurance fee of \$630 (estimated) is mandatory for students who are U.S. citizens taking 7 or more semester hours. Domestic students may waive coverage by submitting the appropriate form to the Controller's Office by September 1, 2006. Students entering for the first time or returning to the University during the Spring 2007 semester and taking 7 or more semester hours will be charged a prorated amount for the Spring semester unless a waiver form is submitted to the Controller's Office by February 1, 2007.

International (Visa) students, regardless of the number of semester hours in which they are enrolled, must purchase the Mandatory International Student Sickness Insurance. **The International Sickness Insurance may not be waived,** and the cost is \$630 (estimated) for single coverage. Higher premiums may be charged depending upon marital status and number of dependents.

(Accident Insurance is mandatory for all students registered for 7 or more semester hours and may not be waived.)

Monthly Payment Plan

Parents who prefer to meet educational expenses out of monthly income rather than in a single payment at the beginning of each semester may apply for the University's annual 10-month or 12-month payment plan. The 10-month payment plan requires the first two months' payments to start the plan. The plan requires a \$115.00 fee for enrollment; however, interest **is 0%** on the outstanding balances. The 10- or 12-month Debit Checking Plan requires a \$45.00 enrollment fee and is a **0% interest** plan. The 12-month plan is for Automatic Checking Deduction only. A monthly late fee is assessed on students who fail to make their payment by the end of each month. Students may take advantage of the Automatic ACH Debit Checking feature that allows a one-time authorization followed by regular monthly charges and deductions. Debit cards are accepted.

Certificate of Eligibility for Veterans

All expenses incurred by a veteran that have not been properly authorized by the Veterans Administration must be paid by the veteran. Therefore, it is the responsibility of every veteran to see that papers are in proper order at the time of the first and each subsequent registration. Also, all veterans who are receiving benefits for educational expenses are required to contact the Financial Aid Office.

The University is required by the Veterans Administration to report failure on the part of the student to complete 75% of the semester hours attempted in any given term. Benefits to a veteran who fails to complete 75% of the semester hours originally enrolled in may be suspended. Failures, withdrawals, and NCs are not recognized as making satisfactory progress.

Refunds/Cancellation

Refunds for tuition and/or housing are made only after a complete withdrawal or leave of absence from the University (dropping all courses) has been processed by the Office of the Registrar and, in the case of a resident student, also by the Housing Office. For resident students, if the official withdrawal dates from the Office of the Registrar and the Housing Office are different, the respective dates will be used for tuition or housing refunding purposes. See the accompanying table for the allowable refund percentage.

Meal plans are non-refundable. A student should complete the Withdrawal/Leave of Absence form in the Office of the Registrar and, if a resident student, the withdrawal form in the Housing Office.

The University strives to meet the expectations of its students and tries to act compassionately in a time of crisis that interrupts a student's semester studies so that she/he cannot or should not finish the semester. In an attempt to ease the cost of tuition, the refund policy is in place to allow for a sliding refund for those who withdraw from all courses in a given semester according to the following schedule. This policy applies to, but is not limited to, the following leave or withdrawal reasons: hospitalization, illness, moving out of the area, employment changes/relocation, and family-related emergencies.

No refund may be given for registered courses which a student did not attend and did not withdraw from within the full refund period. No refund or cancellation is granted to a student who withdraws from a portion of his/her program after the end of the 100% Drop/Add period. Consult the following refund schedule for the academic category corresponding to your enrollment and type of program.

Fall 2006

Withdrawal Percentage	All Students
100% through.....	Sept. 01, 2006
90% through.....	Sept. 05, 2006
70% through.....	Sept. 12, 2006
50% through.....	Sept. 19, 2006
25% through.....	Oct. 20, 2006
0% on or after.....	Oct. 21, 2006

Spring 2007

Withdrawal Percentage	All Students
100% through.....	Jan. 12, 2007
90% through.....	Jan. 16, 2007
70% through.....	Jan. 23, 2007
50% through.....	Jan. 30, 2007
25% through.....	Mar. 02, 2007
0% on or after.....	Mar. 03, 2007

The University's Federal Aid refund policy complies with the Higher Education Amendments Act.

Refund Payments

Refund credits are applied to the student's account. Refunds of credit balances will be made in accordance with Federal guidelines. Refunding of credit balances is subject to a holding period until verification that funds received have cleared the University's bank. Refund payments are issued in the name of the student unless written authorization from the student is received to the contrary.

Security Interest in Student Records

A student may not receive a diploma, certificate, or transcript until all accounts, current or otherwise, have been settled in accordance with University and Agency requirements. Students with delinquent accounts will be prohibited from future registration until all balances are resolved to the University's satisfaction. Such documents and services will be retained by Loyola Marymount University as security for such obligations until they are satisfied.

If a student defaults on payment of a Federal Perkins Student Loan, a Federal Family Educational Loan, or an Institutional Loan, or if a student fails to satisfy exit interview requirements, a security interest in records and services will remain in effect until debts and requirements are satisfied. Unpaid accounts are reported to the three major credit reporting agencies. Exit interviews are administered through the Student Loan Office and the Financial Aid Office.

University Core Curriculum



University Core Curriculum

Goals and Objectives of the Core Curriculum

Consistent with the goals of the University and with the desire to provide undergraduate students with an education founded strongly in human values, Loyola Marymount University has adopted the following goals and objectives.

Goals:

- To provide a strong undergraduate humanistic education within the traditions of the Society of Jesus and the Religious of the Sacred Heart of Mary.
- To foster the desire for knowledge and to provide the skills necessary for a lifetime of intellectual growth in a global society.
- To prepare students to play active roles in addressing the problems and challenges they will face in attempting to create a just world.

Objectives:

- To develop an understanding of religious experience and beliefs, with particular attention to theological questions as addressed by Catholic Christianity.
- To develop a habit of philosophical reflection.
- To develop an understanding and appreciation of the history of humankind in the arts, literature, and philosophy.
- To develop a knowledge of the structures, values, and practices of contemporary societies.
- To develop the arts of precise and elegant expression in speaking and writing.
- To develop the skills of critical thinking.
- To develop quantitative skills and an understanding of the history and principles of mathematics and science and technology.
- To cultivate and engage the creative imagination.
- To explore ways to live more fully and to act more responsibly within a culturally diverse world.

The following core curriculum encourages intellectual breadth. No matter the student's major, all students should be acquainted with the nature of discourse and practice in the major areas of knowledge that will prepare students for life after Loyola Marymount University.

Students should consult the College or School sections of this Bulletin for core curriculum requirements specific to each College or School.

Core Curriculum Requirements

American Cultures
 College Writing
 Communication or Critical Thinking
 Critical and Creative Arts
 History
 Literature
 Mathematics, Science and Technology
 Philosophy
 Social Sciences
 Theological Studies

American Cultures

American Cultures courses will examine and compare the American experience of at least three of the following groups: African American, American Indian, Asian American, Chicana/o-Latino/a, and European American. The objective of these courses is to explore the contributions of these groups to human knowledge and development. Classes will also explore the varieties of cultural expression, behavior, and interaction.

First- and second-year students choose from any lower division course listed or cross-listed as AMCS. Third- and fourth-year students choose from any upper division course listed or cross-listed as AMCS.

A single course will generally not fulfill two core requirements. The only exception is a course that satisfies another core requirement which is also cross-listed as AMCS.

College Writing

Proficiency in Writing

All entering first-year students will demonstrate writing proficiency by completing an essay administered in all English 110 sections during the first week of classes. Based on performance in this essay, students will remain in ENGL 110 or be placed in ENGL 100 (English as a Second Language) and ENGL 101 (Required Writing Lab—ESL). Some students will be recommended to enroll in English 111 (College Writing Lab).

College Writing Courses

The required course in college writing teaches students how to produce clear and logical, thoughtful and persuasive expository prose suitable to a variety of academic disciplines. To do this effectively, students must learn to be critical readers and thinkers. A critical analysis of both reading and writing enables students to create more meaningful and effective prose. ENGL 110 will fulfill the college writing requirement. ENGL 100 will not fulfill the college writing requirement but is required of certain students based on their performance in the essay administered in all ENGL 110 sections during the first week of classes. A minimum grade of C (2.0) is required in ENGL 110. All students who receive a grade of C- (1.7) or lower must retake ENGL 110 at LMU and receive a grade of C (2.0) or higher.

English 100: English as a Second Language

Students enroll in English 100 based on their performance in an essay administered in all ENGL 110 sections during the first week of classes. This course is designed to give students essential skills in writing and reading English. Students must earn a grade of C (2.0) or better in order to pass this course.

English 110: College Writing

The art of clear and effective college writing. This course will teach students how to generate clear and persuasive expository prose suitable to a variety of academic disciplines. Students must earn a grade of C (2.0) or better in order to fulfill the college writing requirement. Students who receive a C- (1.7) or lower in ENGL 110 must enroll in ENGL 110 the next semester.

Communication or Critical Thinking

Communication

The communication offerings develop students' abilities to analyze issues and problems more logically. Students will prepare arguments, presentations, and speeches. They will also learn to listen more critically and speak more effectively in a variety of settings.

Critical Thinking

The course in critical thinking helps students to improve their reasoning skills through a study of logic and its application to several types of argumentation, both oral and written. The students are taught both the technical skills of argument evaluation and the other skills needed to construct sound arguments and debates.

Critical and Creative Arts

Critical Arts

Critical Arts courses are those courses in the history and theory of the arts which analyze artistic works in their social contexts as well as the aesthetic expectations and conventions which inform them.

Creative Arts

The objective of courses in the Creative Arts is to develop individual expression through exploration, analysis, and creation of artistic works.

History

This category of courses analyzes the major concepts, ideologies, and movements that have dominated the course of civilization in order to develop in students the historical perspective necessary to better understand the global society in which they live.

Literature

Prerequisite: Successful completion of college writing requirement.

Core literature courses enhance students' understanding and appreciation of literary works. A study of fiction, poetry, or drama familiarizes the students with both the strategies available to the fiction writer, poet, or playwright in creating the literary work and the variety of critical approaches for analyzing and evaluating literature.

Mathematics, Science and Technology

Proficiency in Mathematics

All students must demonstrate proficiency in mathematics. The mathematics course(s) required for a student to demonstrate mathematics proficiency teaches the student the quantitative and analytic skills needed to function as an informed citizen in an increasingly technological world.

Any student with a grade of 4 or 5 on at least one of the Calculus A/B, Calculus B/C, or the Statistics Advanced Placement Examinations has already demonstrated proficiency in mathematics.

Students in the **College of Communication and Fine Arts and students in the Bellarmine College of Liberal Arts who are NOT required to take a mathematics course as part of their major requirements** normally demonstrate proficiency in mathematics by receiving credit in Quantitative Skills for the Modern World (MATH 102). The Mathematics Placement Examination is not necessary for enrollment in this course.

Students in the **College of Business Administration, the Frank R. Seaver College of Science and Engineering, and the Bellarmine College of Liberal Arts majoring in economics or liberal studies** demonstrate mathematics proficiency by receiving credit in the mathematics courses required by their particular majors. These students must take the Mathematics Placement Examination to determine placement in appropriate classes. If the results of this placement examination indicate, students are required to enroll in and pass Algebra (MATH 101) before they qualify to enter the mathematics course required by their major. In all cases, mathematics proficiency is met only after receiving credit in the mathematics coursework required by the major.

Psychology majors demonstrate mathematics proficiency by passing Elementary Statistics (MATH 104) with a grade of C (2.0) or better. These students do not take the Mathematics Placement Examination but enroll directly into Elementary Statistics (MATH 104).

Special Circumstances

- Students desiring to take MATH 106, 111, 112, 120, 122, or 131 in order to fulfill the mathematics proficiency requirement should see their advisor for appropriate action. The Mathematics Placement Examination is required before taking any of these courses.
- Transfer students should see the Dean of their College or School for specific information.

All students should see their individual College or School section in the Bulletin and their major requirements described in the Bulletin for further specific information.

Mathematics, Science and Technology Courses

Prerequisite: Credit in MATH 101 or higher, or placement into MATH 106 or higher.

These courses introduce the student to the methodology and mathematics used in a field of mathematics, science, or engineering as well as provide a more in-depth study in a specific area. These courses include laboratories and/or demonstrations providing the student with hands-on experience.

Philosophy

The lower division core course is designed to introduce students to the nature of philosophy as a discipline and to address selected central metaphysical and epistemological issues surrounding the question of human nature.

Upper division courses examine questions that a person asks in order to form an intelligent philosophy of moral choice, with particular attention to those moral concepts that have been most important in shaping Christian culture. The approach may emphasize either the major moral theories or selected contemporary moral problems.

Social Sciences

These courses will introduce students to systematic, empirically grounded investigations of individuals and the structures, values, and practices of contemporary societies. Students develop conceptual and analytical skills necessary to understand the economic, political, psychological, cultural, and/or social conditions that influence our lives.

Theological Studies

A general objective of Theological Studies courses is for students to face the issues of religious beliefs and their consequences in their lives.

The objectives of the lower division core courses are to examine the nature of religion, the nature of Christian faith, and the methods for understanding scripture.

The objectives of the upper division core courses are to deepen the students' knowledge of at least one of the three areas covered in the lower division course under one of the following categories: biblical theology, historical theology, systematic theology, moral and practical theology, and world religions.

Note: International/Global Studies

The current core curriculum includes many courses dealing with international and global studies. All students are required to complete History 100 or 101, which deal with European culture. In addition, it is recommended that students take additional core courses which include the study of European cultures.

To further augment the understanding of world cultures, it is recommended that students also choose at least one core course that includes the study of Africa, Asia, the Pacific, or Latin/Indigenous America.

Recommendations

Students are encouraged to enrich their program of study with selected electives from the following areas. Consult the Bulletin for specific offerings.

Business

Students are encouraged to take a course in the issues of business. Consult the Bulletin listings.

Computer Skills

Students are expected to become proficient in computer skills. Courses or workshops may be taken to help students develop existing skills.

Foreign Language

Students are encouraged to study foreign languages to the intermediate level. LMU offers Chinese, Filipino, French, German, Greek (Modern and Classical), Italian, Japanese, Latin, and Spanish on a regular basis.

International/Global Studies

Students are encouraged to select elective courses that deal with international and/or global issues. Consult the Bulletin listings.

Study Abroad

A semester of international study abroad is also recommended. Consult the Study Abroad office.

Academic Degrees and Programs

Undergraduate Degrees and Major Programs with Areas of Concentration

Loyola Marymount University offers courses leading to the following undergraduate degrees:

- B.S. in Acc.....Accounting
- B.A.African American Studies
- B.A.Animation
- B.S.Applied Mathematics
- B.A.Art History
- B.A.Asian and Pacific Studies
- B.S.Athletic Training
- B.S.Biochemistry
- B.A. or B.S.....Biology
- B.B.A.Business Administration
 - Business Law
 - Computer Information Systems and Operations Management
 - Entrepreneurship
 - Finance
 - International Business Management
 - Marketing
 - Travel and Tourism
- B.S.Chemistry
- B.A.Chicana/o Studies
- B.S. in E.Civil Engineering
 - Environmental Engineering
- B.A.Classical Civilization
 - Greek Civilization
 - Roman Civilization
 - Near Eastern Civilization
- B.A.Classics
- B.A.Communication Studies
- B.S.Computer Science
- B.A.Dance
 - Generalist
 - Performance
- B.A.Economics
 - International
- B.S.Economics
- B.S. in E.Electrical Engineering
 - Computer Engineering
- B.S.Engineering Physics
- B.A.English
 - Literature
 - Writing
- B.S.Environmental Science
- B.A.European Studies
- B.A.French
- B.A.Greek
- B.A.History
- B.A.Humanities
- B.A. or B.S.Individualized Studies
- B.A.Latin
- B.A.Liberal Studies
 - See program director for available concentrations.
- B.A. or B.S.....Mathematics
- B.S. in E.Mechanical Engineering
- B.A.Music
 - Choral Conducting
 - Instrumental Conducting
 - Instrumental Studies
 - Music History/Literature
 - Theory/Composition
 - Voice Studies
 - World Music/Ethnomusicology
- B.S.Natural Science
 - General Science
 - Pre-Physical/Occupational Therapy
 - Secondary Science Education
 - Biology
 - Chemistry
- B.A.Philosophy
- B.S.Physics
- B.A.Political Science
- B.A.Production—Film and Television
- B.A.Psychology
- B.A.Recording Arts
- B.A.Screenwriting
- B.A.Sociology
- B.A.Spanish
- B.A.Studio Arts
 - Art Education
 - Fine Arts
 - Graphic Design
 - Multimedia Arts

- B.A. Theatre Arts
- B.A. Theology
- B.A. Urban Studies
- B.A. Women’s Studies

- Lay Ministry
- Mathematics
 - Applied
 - Pure
 - Secondary Education

Minor Programs

Loyola Marymount University offers courses leading to the following undergraduate minor programs:

- Accounting
- African American Studies
- Animation
- Archaeology
- Art History
- Asian Pacific American Studies
- Asian and Pacific Studies
- Bilingual Education
- Biochemistry
- Biology
- Business Administration
- Catholic Studies
- Chemistry
- Chicana/o Studies
- Classical Civilization
- Classics
- Communication Studies
- Computer Science
- Dance
- Economics
- Education
- Electrical Engineering
- Elementary Education
- English
- Environmental Science
- Ethics
- French
- German
- Greek
- Hispanic Business
- History
- Irish Studies
- Italian
- Latin

- Modern Greek Studies
- Music
- Natural Science
- Peace Studies
- Philosophy
- Physics
- Political Science
- Psychology
- Screenwriting
- Secondary Education
- Sociology
- Spanish
- Special Education
- Studio Arts
- Theatre Arts
- Theology
- Travel and Tourism Management
- Women’s Studies

Graduate Degrees

Loyola Marymount University offers courses leading to the following graduate degrees:

- Ed.D. Educational Leadership for Social Justice
- M.A. Administration
- M.A. Bilingual/Bicultural Education
- M.A. Bioethics
- M.A. Catholic School Administration
- M.A. Child and Adolescent Literacy
- M.A. Counseling
- M.A. Educational Psychology
- M.A. Elementary Education
 - Literacy and Language Arts
- M.A. English
 - Creative Writing
 - Literature
 - Rhetoric
- M.A. General Education
- M.A. Marital and Family Therapy (Clinical Art Therapy)

M.A.....	Pastoral Theology
M.A.....	Philosophy
M.A.....	Secondary Education
M.A.....	Special Education
M.A.	Teaching English as a Second Language/ Multicultural Education
M.A.....	Theology
M.A.T.	Mathematics
M.B.A.....	Business Administration
M.B.A./J.D.	M.B.A./Law (dual program degree)
M.F.A.	Production—Film and Television
M.F.A.	Screenwriting
M.S.....	Computer Science
M.S.....	Environmental Science
M.S.....	Systems Engineering
M.S. in E.	Civil Engineering
M.S. in E.	Electrical Engineering
M.S. in E.	Mechanical Engineering

Credential Programs

Under the jurisdiction of the State of California and the approval of the Commission on Teacher Credentialing, Loyola Marymount's School of Education offers courses leading to several state-granted credentials. Programs that may be completed concurrently with an undergraduate degree program are:

Bilingual Education (BCLAD Spanish—Multiple and Single Subject)
Elementary Education (Multiple Subject)
Secondary Education (Single Subject)
Special Education (Mild/Moderate Disabilities)

Credential and certificate programs are also offered at the graduate level. Please see the Graduate Bulletin for further details.

Certificate Programs

Loyola Marymount University offers courses leading to the following certificate programs:

Business Administration (Graduate)
- International M.B.A.
Education (Graduate)
- Bilingual, Crosscultural, Language, and Academic Development (BCLAD)
- Catholic School Administration
- Crosscultural, Language, and Academic Development (CLAD)
- Reading
Mechanical Engineering (Graduate)
- Finite Element Methods
- Manufacturing
- Materials Engineering
- Mechanical Design
- Structural Dynamics
- Systems Engineering
- Thermal Engineering

Additional certificate programs are available through LMU Extension.

Law Degree

Loyola Law School offers courses leading to the degree of Juris Doctor. The Graduate Division and the Law School offer a dual program in Juris Doctor and Master of Business Administration.

Academic Degree Requirements and Policies

All regulations and rules or procedures contained in this official Bulletin apply to undergraduate programs. Questions in individual cases should be presented through written petition to the appropriate dean.

Students are held individually responsible for information contained in these pages. Failure to read and understand these regulations will not excuse a student from their observance.

Academic Calendar

The University offers two fifteen-week semesters plus a week of final examinations for each semester and two six-week summer sessions that include final examinations.

Degree Requirements

All candidates for the baccalaureate degree at LMU must fulfill the following requirements:

1. All candidates in the undergraduate colleges must complete a minimum of 120 semester hours, including core and program requirements and 45 semester hours of upper-division course work. Certain programs require more than 120 semester hours. These are noted under the appropriate department listings.
2. All work done at LMU must have a cumulative grade point average of C (2.0). All courses taken in the major, minor, or area of concentration must have a cumulative grade point average of C (2.0).
3. At least 30 of the last 36 semester hours for the bachelor's degree must be taken in residence at LMU. At least two-thirds of the upper division semester hours of the major must be taken in residence at LMU unless, for programmatic purposes, the dean and the director of the major deem an exception appropriate.
4. A student is held responsible for academic regulations in effect at the time of entrance or for those in effect in the senior year provided the student maintains continuous enrollment. Similarly, a student who declares or changes a major after being admitted to the University is held responsible for the academic regulations in effect at the time the major is declared or changed. A student who interrupts LMU enrollment is subject to the academic regulations in effect in the University Bulletin at the time enrollment is resumed.

5. Degrees are awarded at the end of the Spring term, August 31, and December 31. The date of the degree posted on a student's diploma is the one by which all graduation requirements are completed or documents are submitted. These include:
 - A. A submission of transcripts from other institutions prior to the degree date;
 - B. The completion of all incomplete work prior to the degree date;
 - C. File application for degree by the deadline date for the term in which all of the above conditions will be met. If a student has been canceled for graduation in a given term, it is the responsibility of the student to again file for graduation for a later term.

Second Baccalaureate Degree

A student who possesses an earned bachelor's degree from an institution accredited by one of the six regional associations of the Accrediting Commission for Senior Colleges and Universities may earn a second undergraduate degree with a different major field of study by meeting all of the following requirements:

1. Completion of at least 30 semester hours at LMU beyond those required for the first degree; these must include at least 24 semester hours of upper division work and at least 20 semester hours of upper division work in the major field of study;
2. Fulfillment of the core requirements of the College in which the major is offered;
3. Satisfaction of all the requirements for the major;
4. Completion of the application for degree process (c.f., #5 above).

Academic Advising

Students are assigned academic advisors within their college or school. As part of the registration process, students consult their advisors in preparation of their academic programs and prior to registering for classes. Advisors are not authorized to change established policy of the University. The student is solely responsible for assuring that his/her academic program complies with the policy of the University. Any advice at variance with established policy, i.e., a degree audit exception (Petition for CAPP Adjustment form), must be confirmed in writing by the chairperson of the department or director of the program and then by the Dean's Office.

Academic Probation

Academic probation carries a serious warning to the student that the scholastic record is unsatisfactory and continued failure to improve this record may result in being declared ineligible to attend the University. Students on probation may also have restrictions imposed by the dean regarding their program of studies and their participation in extracurricular activities. The following classes of students will be placed on probation:

1. A student who in any term fails to earn a C (2.0) average,
2. A student whose cumulative grade point average falls below a C (2.0),
3. An upper division student who in any one term fails to earn a C (2.0) average in the major requirements, or
4. A student whose cumulative grade point average in the major requirements is below a C (2.0).

Academic Disqualification

Disqualification terminates a student's relationship with the University. A disqualified student may not register in any division or session of the University and is denied all privileges of the University and of all organizations or activities in any way connected with it.

The following classes of students will be subject to disqualification:

1. A student who while on probation fails to earn a C (2.0) average during the next semester, or who has not attained an accumulated grade point average of C (2.0) within two semesters after having been placed on probation;
2. A student who does not make satisfactory progress in the coursework associated with the declared major.
3. A student who has had special academic requirements imposed by the dean or the Committee on Academic Standing and Degrees and does not meet the requirements within the time prescribed.

Readmission after Disqualification

Disqualified students are not eligible for readmission until one calendar year has elapsed.

1. A disqualified student who wishes to be considered for readmission to the University must file a formal application with the Admission Office.
2. A formal interview must take place with the Dean's Office prior to formal readmission.

3. A disqualified student who is readmitted will be on strict probation which requires that the student must satisfactorily complete all requirements set by the dean in the initial semester after readmission.
4. A student who has been disqualified a second time may not apply for readmission.

Articulation

The articulation services at LMU help students to identify courses completed at other academic institutions that are transferable to LMU baccalaureate degree programs. Courses taken at other academic institutions may fulfill University core requirements, Program (major/minor) requirements or transfer in as electives. LMU has established articulation agreements with its major feeder community colleges. To view these articulation agreements, see <http://registrar.lmu.edu>, and click on "Articulation Agreements." Current students should consult the articulation agreements of the institutions listed on this page as well as the "existing histories" of courses previously transferred in from other institutions. A signed Transfer Course Approval form and an official transcript from the transfer institution must be submitted to the Office of the Registrar before any transfer courses may become a part of the continuing student's LMU degree program.

LMU Honor Code and Process

Loyola Marymount University is a community dedicated to academic excellence, student-centered education, and the Jesuit and Marymount traditions. As such, the University expects all members of its community to act with honesty and integrity at all times, especially in their academic work. Academic honesty respects the intellectual and creative work of others, flows from dedication to and pride in performing one's own best work, and is essential if true learning is to take place.

Examples of academic dishonesty include, but are not limited to, the following: all acts of cheating on assignments or examinations, or facilitating other students' cheating; plagiarism; fabrication of data, including the use of false citations; improper use of non-print media; unauthorized access to computer accounts or files or other privileged information; and improper use of internet sites and resources.

Definitions of Academic Dishonesty

The following are examples of academic dishonesty which may be interpreted as intentional or unintentional. This list is not meant to be exhaustive. It is the student's responsibility to make sure that his/her work meets the standards of academic honesty set forth in the Honor Code. If the student is unclear about how these definitions and standards apply to his/her work, it is the student's responsibility to contact the instructor to clarify the ambiguity.

- A. Cheating and Facilitating Cheating
 - 1. Possession, distribution, and/or use of unauthorized materials or technology before or during an examination or during the process of preparing a class assignment.
 - 2. Collaboration on class assignments, including in-class and take home examinations, without the permission of the instructor.
 - 3. Provision of assistance to another student attempting to use unauthorized resources or collaboration on class assignments or examinations.
- B. Plagiarism
 - 1. Presentation of someone else's ideas or work, either in written form or non-print media, as one's own.
 - 2. Omission or improper use of citations in written work.
 - 3. Omission or improper use of credits and attributions in non-print media.
- C. Falsification of Data
 - 1. Presentation of altered or fabricated data, such as lab reports, with the intention of misleading the reader.
 - 2. Presentation of forged signatures as authentic.
 - 3. Use of false citations, either incorrect or fabricated, including sources found on the Internet.
- D. Unauthorized Access to Computers or Privileged Information
 - 1. Use of University network and/or computer hardware to gain unauthorized access to files, and alteration or other use of those files.
- E. Improper Use of Internet Sites and Resources
 - 1. Inappropriate use of an Internet source, including, but not limited to, submission of a paper, in part or in its entirety, purchased or otherwise obtained via the Internet, and failure to provide proper citation for sources found on the Internet.

F. Improper Use of Non-Print Media

- 1. All above standards apply to non-print media.

G. Other Academic Dishonesty

- 1. Any other means of violating the standards of academic honesty set out above.

Honor Code Process

This section sets out the process to be followed when an Instructor suspects a violation of the Honor Code. The recommended sanctions are not mandatory, but are intended to guide the Instructor's discretion. Instructors are encouraged to consult with their colleagues and chairs in making these decisions. This section also outlines the student appeal process for Honor Code violations.

I. Intentional and Unintentional Academic Dishonesty

- A. Notification: Instructors will notify the Student of the suspected act of academic dishonesty. The Student will be given the opportunity to admit, deny, or explain the situation. If the suspected violation of the Honor Code occurs with respect to an assignment that the Instructor has not reviewed until after the class has stopped meeting, the Instructor will send a letter to the permanent address of the Student and keep a copy of the letter. Failure to notify will result in a reasonable extension of the Student's time to appeal, but is not in and of itself a defense to the violation of the Honor Code.
- B. Determination: If the Instructor determines that a violation has occurred, he/she will next determine whether or not the violation was intentional or unintentional. The distinction between intentional and unintentional violations of academic honesty is not based upon the purely subjective intentions of the Student. The question is whether a Student who has carefully read the Honor Code should have understood that his/her action violated the Honor Code and standards of academic honesty.
- C. Unintentional Violation: If the Instructor believes the violation was unintentional, he/she may take any of the following actions:
 - 1. Warn Student
 - 2. Require assignment or exam to be resubmitted
 - 3. Reduce the grade on the assignment, project, or exam. The Instructor shall inform the Student of his/her decision and also inform the Student of the right to appeal the Instructor's decision.

D. Intentional Violation: If the Instructor believes the violation is intentional, he/she may take any of the following actions:

1. Fail the Student on the assignment or exam
2. Fail the Student in the course

The Instructor shall inform the Student of his/her decision in writing and also inform the Student of the right to appeal the Instructor's decision.

The Instructor may consult with the Chair, Program Director, or equivalent and refer the matter directly to the Dean of the Instructor's college or school with a recommendation that the Student be suspended or expelled. Upon such a referral, the Dean shall appoint an Academic Honesty Panel consisting of two Faculty members and one Student from the ASLMU Judiciary.

II. Departmental Appeal

- A. The Student may appeal the Instructor's decision under section I(C) or (D) to the Department Chair, Program Director, or equivalent. In accordance with the grade appeal policy in the Undergraduate Bulletin and Graduate Division Bulletin, the Student will be required to make his/her appeal in writing no later than three weeks into the semester following the decision.
- B. If either the Student or Instructor wishes, he/she may appeal the decision of the Department Chair, Program Director, or equivalent to the Dean of the Instructor's college or school, who will refer the matter to the Academic Honesty Panel. Appeals must be made within 30 days of receipt of the chair's decision.

III. Academic Honesty Panel Appeal

- A. The Academic Honesty Panel is an ad hoc recommending body of the Instructor's college/school. The Panel consists of two Faculty members and one Student appointed by the Dean. The Dean will appoint one of the Faculty members as Chair of the Academic Honesty Panel.
- B. Responsibilities of the Panel
1. The Panel will hear appeals by the Student or Instructor of the Chair's decision for any penalty short of expulsion or suspension.
 2. The Panel will make the initial recommendation as to whether the Student should be suspended or expelled.

C. In fulfilling these responsibilities, the Panel will make two determinations:

1. It will determine whether there is clear and convincing evidence that the Student has violated the Honor Code. The Student is entitled to the presumption of innocence and the right to review and respond to all evidence and information relevant to the Panel's decision.
 2. Upon the finding of clear and convincing evidence of a violation, the Panel is to determine the appropriate penalty. With regard to the appropriateness of serious recommendations such as suspension and expulsion, the Panel shall take into account the following factors:
 - a. the severity of the violation;
 - b. whether the violation is an isolated instance, or part of a pattern of two or more violations; and
 - c. other mitigating or extenuating circumstances.
- D. The recommendation of the Academic Honesty Panel, along with an explanation of the reason for the recommendation, will be reported in writing to the Dean of the Instructor's college or school. The Dean will normally follow the recommendation of the Panel. However, the Dean's decision is final.
- E. The Dean will inform the Student and Instructor, in writing, of his/her decision. The Dean will also report his/her decision to the AVP. The Office of the AVP will keep a permanent, confidential record of all proceedings of the Academic Honesty Panel.

Attendance

The policy on class attendance is within the discretion of the individual faculty member and shall be announced by the faculty member at the first class meeting of the semester or listed on the class syllabus.

Concurrent Enrollment

Enrollment by degree-seeking students at another institution at the same time they are enrolled at LMU is not permitted.

Auditing a Course

Enrolled LMU students may not enroll as auditors in a regularly scheduled LMU course through LMU Extension.

Students will be permitted to register as auditors only for exceptional reasons and with the authorization of the Dean of the college or school in which the course is offered. Not all courses are open to auditors. Auditors are not held responsible for the work expected of regular students and receive no grade or credit for the course. Regular attendance at class is expected.

A student who has previously enrolled as an auditor may not take the course for credit in the subsequent term except by special permission of the Dean of the college or school in which the course is offered.

Part-time students and students enrolled in an overload seeking to change from credit to audit status will be eligible for tuition adjustment only if the change is made within the period for late registration.

Individuals may not be formally admitted to the University only to audit courses.

Change of Address

All students must notify the Office of the Registrar immediately of any change in their addresses or those of their parents or guardians. Students may change their permanent, mailing, and billing addresses through PROWL. The University assumes no responsibility for materials sent through the mail or e-mail not received. In addition, students must submit through PROWL emergency contact information to the Office of the Registrar.

Classification of Matriculated Students

Students are classified according to the following norms:

Freshman:	Satisfaction of entrance requirements
Sophomore:	Completion of 30 semester hours
Junior:	Completion of 60 semester hours
Senior:	Completion of 90 semester hours

Course Explanations

Classification of Courses

This section contains a list of symbols for all courses offered at the University, excluding the courses offered at the School of Law.

000-099	Courses offered in this number range do not carry degree-granting credit.
100-299	Lower division courses—degree-granting credit

300-499	Upper division courses—degree-granting credit
500-599	Upper division undergraduate courses in which graduate students may enroll and receive graduate credit. Undergraduate students may not enroll in 500-level courses offered by the School of Education.
600-699	Graduate courses—degree-granting credit
800-999	LMU Extension courses. Courses offered in this number range do not carry degree-granting credit.
5000-6999	School of Education graduate courses—degree-granting credit
7000-7999	School of Education Doctor of Education courses—degree-granting credit
8000	School of Education required course through LMU Extension

In exceptional circumstances, seniors may take courses in the 600 series with the written permission of the Chairperson of their major department and the appropriate College or School. In such cases, they register for “599—Independent Studies.” In this instance, the course is calculated in the undergraduate career. No undergraduate student may register for a course in the 600 series. Only students accepted into the Graduate Division may register for 600-, 5000-, 6000-, and 7000-numbered courses.

Special Studies (98)

Courses whose numbers have as the last two digits “98” are Special Studies. These courses have a special syllabus and description not listed in the Bulletin. They can be held in a lecture, discussion, or seminar format at a specified or arranged time and place for a group of students. Each department sponsoring Special Studies courses maintains these course descriptions.

Independent Studies (99)

Courses whose numbers have as the last two digits “99” are Independent Studies. This is an individualized study arranged by a student with a faculty member and approved by the Chairperson of the Department and the Dean.

These courses are for the educational enrichment of the student particularly qualified for the kind of experiences that are beyond the scope of a regular course. Under the supervision of a faculty member, the work will be of research or similarly creative nature and will normally culminate in a project or examination. Only full-time matriculated students are eligible, and approval will be given for only one Independent Studies course per semester. Freshmen and first-semester transfer students are not eligible.

Arrangements to undertake an Independent Studies course must be completed during the semester prior to the one in which the student expects to enroll in the course. An Independent Studies course is considered part of the student's semester program. Registration for such courses takes place only during the regular registration periods.

Course Load

In Fall or Spring semesters, students in good standing from the previous semester may register for 18 semester hours; 19 semester hours or more constitutes an academic overload, for which approval from the student's Dean is required. Extra tuition is charged to any student who registers in 19 semester hours or more. For Summer, students in good standing may register for 6 semester hours per session.

Credit by Challenge Examination

A student may obtain credit by examination for undergraduate courses in the Loyola Marymount University Bulletin in selected undergraduate courses as approved by the course Chairperson and student's Dean.

To challenge an LMU undergraduate course by examination, a student must be regularly enrolled and a full-time student. A course may be challenged only once and only during the Fall and Spring semesters, not during the Summer. Students may not challenge a course that is at a level more elementary than one in which they are currently enrolled or for which they have already received credit. Moreover, a student may not challenge a course which has been audited. Nor may students challenge a course for which they have received a W, I, NC, or F until a period of one year has elapsed from the time of their original registration in the course. A challenge examination once failed may not be repeated. 100- and 200-level courses in the Department of Modern Languages and Literatures may not be challenged.

A petition for receiving course credit by examination must be obtained from the Office of the Registrar. The examination carries a fee of \$50, payable in advance and non-refundable.

Credit/No Credit Grading

Students may not be graded on a Credit/No Credit basis in courses which are part of a major, minor, or core curriculum program. Credit courses count toward the fulfillment of graduation requirements. Neither credit (CR) nor no credit (NC) grades affect the student's grade point average. Once the petition for either grade or credit/no credit basis has been filed in the Office of the Registrar, it may not be rescinded or changed after the last day of registration.

Students may be graded on this basis for not more than 20% of their total semester hours at LMU. Students wishing to be graded on this basis must file the appropriate petition in the Office of the Registrar by the published date in the Academic Calendar.

In the case of courses that are graded on a Credit/No Credit basis, the student may petition the instructor for a letter grade with the approval of the Dean, before the end of the third week of the semester.

In order for a student to receive a grade of Credit, the work must be of C (2.0) or better.

Cross-Listed Courses

A cross-listed course is one that carries credit in more than one department or program. Students may not enroll in more than one section of a cross-listed course and may receive credit in one department only.

Diploma

Diplomas are granted and mailed to students who have completed all academic degree requirements and who have no outstanding financial obligations to the University. Diplomas left unclaimed are destroyed after three years. Students must re-order destroyed diplomas.

Double Credit

A student may not count the same course to meet the requirements for both an undergraduate and a graduate degree.

Electives

Elective courses do not fulfill requirements in the student's University Core, major(s) or minor(s) programs, but they do fulfill overall semester hours requirements.

Final Examinations

Students are required to take all scheduled examinations. Final examinations are to be held at the time published by the Office of the Registrar. No student is allowed to take a final examination before the scheduled time.

Full-Time Standing

Any undergraduate student carrying 12 or more semester hours in the Fall or Spring term is considered a full-time student. Students carrying fewer than 12 semester hours are classified as part-time students. This applies to the academic standing. For Summer, an undergraduate enrolled in 6 or more semester hours is considered a full-time student and fewer than 6 semester hours a part-time student. Please refer to the Financial Aid full-time/part-time standing for an explanation of how that department defines full-standing and the impact on financial aid awards.

Grades

Final grades are submitted by the student's instructors and are issued to the student by the Office of the Registrar via PROWL at the end of each term.

Grade Appeals

It is understood that, except in rare instances, only the instructor, with the Department Chairperson's, Program Director's, or equivalent to the Dean of the instructor's college or school (hereafter called Department Chairperson) and Dean's approval, may change the final grade through the Office of the Registrar. The Dean may, however, change the grade if all of the following processes of appeal have been followed. The Dean must notify the instructor, in writing, of the change in final grade.

1. No later than three weeks into the semester following the issuance of a disputed grade, the student must meet with the instructor to review the reasons for the grade.
2. If the instructor is not available for discussion or if discussion fails to resolve the problem, the student may ask the appropriate Department Chairperson to meet with both the instructor and the student. If the chairperson and the instructor are in agreement about the validity of the grade, the student may appeal to the appropriate Dean. If the chairperson cannot agree with the instructor, he will automatically refer the student to the Dean.
3. The student who appeals beyond the department level must file a written appeal to the appropriate Dean. The Dean, upon receipt of the written appeal, will bring all parties together in an attempt to resolve the matter by mutual agreement. If agreement cannot be reached at this meeting, the Dean may appoint a committee of three impartial persons to investigate the matter and make a recommendation to the Dean. The Dean will normally follow the recommendation of the committee; however, the decision of the Dean is final.

Grading System

The work of all students at LMU is reported in terms of grades. Instructors are required to assign a final grade for each student registered in a course.

Undergraduate Grades

The following grades are used to report the quality of undergraduate student work at LMU:

- A** Superior
- B** Good
- C** Satisfactory
- D** Poor
- F** Failure
- CR** Credit—Equivalent to grade of C or higher
- NC** No Credit—Equivalent to grade of C- or lower
- NR** Not reported by instructor
- AU** Audit
- I** Work incomplete
- W** Official withdrawal from course

A grade of A may be modified by a minus (-) suffix, and grades B and C may be modified by a plus (+) or minus (-) suffix. Grades A, B, C, and CR denote satisfactory progress toward the degree, but a D grade must be offset by higher grades in the same term for students to remain in good academic standing. Note that a "C-" grade is not a passing grade in courses requiring a minimum grade of "C." An F or NC grade yields no unit or course credit.

Failure to withdraw officially from a course will result in a grade of F (see Withdrawal).

Graduate Grades

The following grades are used to report the quality of graduate student work at LMU:

- A** Superior
- B** Satisfactorily demonstrated potential for professional achievement in field of study
- C** Passed the course but did not do work indicative of potential for professional achievement in field of study
- F** Failure
- CR** Credit—Equivalent to grade of B or higher
- NC** No Credit—Equivalent to grade of B- or lower
- NR** Not reported by instructor
- AU** Audit
- I** Work incomplete
- IP** Work in progress (for courses requiring more than one semester to complete)
- W** Official withdrawal from course

A grade of A may be modified by a minus (-) suffix, and grades B and C may be modified by a plus (+) or minus (-) suffix. Grades A, B, and CR denote satisfactory progress toward the degree, but a B- grade must be offset by higher grades in the same term for students to remain in good academic standing. Courses in which a grade of B- through C- is received may be applied toward graduate degrees unless otherwise prohibited by the program requirements. A student must maintain a 3.0 GPA in order to remain in good academic standing. See the Graduate Bulletin for specific information. An F or NC grade yields no unit or course credit.

Failure to withdraw officially from a course will result in a grade of F (see Withdrawal).

Grade Point Average

Grade points are a measure of the quality of the academic work completed, just as semester hours are a measure of the quantity of this work. The University uses a letter grade to indicate the level of individual student achievement. Each letter grade has a point value assigned for the grade achieved. The point value assigned to each letter grade is as follows:

A	4.0 grade points	C	2.3 grade points
A-	3.7 grade points	C	2.0 grade points
B+	3.3 grade points	C-	1.7 grade points
B	3.0 grade points	D	1.0 grade points
B-	2.7 grade points	F	0.0 grade points

The grades of AU, CR, NC, I, IP, and W have no point value and are not used in calculating the grade point average.

The LMU grade point average is determined by dividing the total number of LMU grade points by the number of LMU semester hours completed with a letter grade.

Change of Grades

Grades, once submitted to the Office of the Registrar, will be changed only in case of error. An instructor desiring a change of grade must present a written explanation to the Chairperson and the Dean with a Correction of Grade form from the Office of the Registrar. No grade changes will be made after the fourth week of instruction of the next full term.

A student's permanent record reflects the coursework upon which the University awarded the degree or recommended a credential. Therefore, no grade or other changes are permitted either after awarding the degree or recommending the credential.

Mid-Term Deficiencies

The Office of the Registrar e-mails and posts to PROWL mid-term deficiency notices to students informing them of unsatisfactory work as submitted by instructors. The notices, advisory in nature and issued prior to the last day to withdraw in a term, are not part of the student's permanent academic record.

Graduation Rate

The completion or graduation rate by August 2005 for students who entered Loyola Marymount University in Fall 1999 on a full-time basis was 73%.

Incomplete Course Work

An incomplete grade may be assigned by the professor only if a student has completed at least 80% of the coursework.

Normally the student obtains from the Office of the Registrar a "Petition to Receive a Grade of Incomplete" form. The form is filled out by the student and given to the instructor who then completes the form by assigning a default grade which will be entered on the student's record if the student does not complete the coursework by the deadline.

An incomplete grade not removed by the deadline, which is three weeks after the first scheduled class day of the next semester, will result in the assignment of the default grade as submitted by the instructor. If no default form or grade was submitted, the incomplete grade will be converted to an F by the Office of the Registrar.

If a student requires an extension to the deadline, the student must petition to obtain an extension to the deadline for removal of the incomplete grade. The petition, approved by the instructor, must be submitted to the Office of the Registrar.

A degree will not be granted while a grade of Incomplete remains on a student's record.

Leave of Absence

A leave of absence may be granted to a student upon written request to the Office of the Registrar. A leave of absence may be granted for no more than two years.

For a student enrolled in a current term, application for the leave must be made before the stated deadline for withdrawal from classes. This date may be found in the academic calendar in the University Bulletin or online for the given term. A leave of absence may be granted only if the student withdraws from all courses in the term. If completed by the deadline, a student will receive grades of W for all courses in that given semester. A student may not take a leave of absence from the term if application is made after the stated deadline for withdrawal from classes. Any student who stops attendance after the deadline to withdraw from classes will receive a grade of F for each course in progress.

A student who is accepted to the University but not yet enrolled may defer admission through the Admission Office. A student with prior enrollment may apply for a leave through the Office of the Registrar. A leave of absence is canceled if the student registers in another college or university without prior written permission of the student's Dean. In this case, the student has de facto withdrawn (see Withdrawal) from LMU and must reapply through the Admission Office. The student may enroll again at LMU if accepted through the Admission Office. Similarly, a student is considered to have withdrawn from LMU if the leave of absence is extended unofficially beyond two years.

Major

A major indicates a particular curriculum within a degree program offered by one of the four undergraduate Colleges and one undergraduate School. The major is usually declared by the student at the time of acceptance to the University. If a student is unsure about a particular program of study within a degree program, some Colleges will allow for an undeclared major within that college. This option is at the discretion of the College or School. A student must, under normal circumstances, declare a major within a degree program prior to earning sixty semester hours of credit.

A student must have a cumulative grade point average of C (2.0) in all courses required by the major. Please note that certain majors have more stringent requirements. The particular requirements are listed under the department listings in this Bulletin.

Change of Major

A student wishing to change from one major to another in the same College or School must present to the Office of the Registrar a Change of Program petition approved and signed by the Chairpersons of the involved major departments and the Dean of the College or School. If the change involves another College or School, approval of the accepting College or School must be secured first. A student is subject to the major and degree requirements of the new program and responsible for making up any deficiencies under direction of the Dean. Changes of major should be processed prior to registration for the subsequent term.

Double Major

A student may earn a Bachelor's degree with a double (secondary) major by successfully completing the following requirements for the second major prior to, or in the same term as, the first (primary) major:

1. Completion of the requirements of the primary major; and
2. Completion of the requirements of the secondary major; and
3. Completion of requirements for the primary Bachelor's degree.

No more than eight semester hours of upper division work in the primary major can be used to satisfy the requirements of the secondary major. The two majors will be printed on the student's transcript of record and University diploma.

Minor

Students who choose to complete a minor must meet the following general requirements:

1. A minor program consists of 18 or more semester hours. At least half of the upper division semester hours of the minor program must be completed in residence at Loyola Marymount.
 2. Specific semester hour requirements are listed by each department offering a minor program. A student who declares a minor is held responsible for the academic regulations in effect at the time the minor is declared. A student who interrupts LMU enrollment is subject to the academic regulations in effect in the University Bulletin at the time enrollment is resumed.
 3. A student must have a cumulative grade point average of C (2.0) for courses taken in the minor program.
 4. The minor may not be in the same program as the student's major.
 5. Courses may not count as fulfilling both a major and minor program, unless a specific course is required by both programs.
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6. A minor may be earned only while the student is concurrently completing the requirements for a baccalaureate degree. The minor must be cleared by the Dean's office at the same time that the baccalaureate degree is cleared.
7. Students are advised to consult department regulations in the Bulletin for further information.

Privacy Rights of Students in Education Records

The Federal Family Educational Rights and Privacy Act of 1974 (20 U.S.C. 1232g) ("FERPA") and regulations adopted thereunder and California Education Code Section 67100 et seq., set out requirements designed to protect the privacy of students concerning their education records maintained by LMU.

Specifically, FERPA governs access to student records maintained by the campus and the release of such records. In brief, the law dictates that LMU provide students access to records directly related to the student and an opportunity for a hearing to challenge such records on the grounds that they are inaccurate, misleading, or otherwise inappropriate. The right to a hearing under the law does not include any right to challenge the appropriateness of a grade as determined by the instructor. The law generally requires that written consent of the student be received before releasing personally identifiable data about the student from records to other than a specified list of exceptions.

Among the types of information included in the campus statement of policies and procedures are: 1) the types of student records and the information contained therein, 2) the official responsible for the maintenance of each type of record, 3) the location of access lists that indicate persons requesting or receiving information from the records, 4) policies for reviewing and expunging records, 5) the access rights of students, 6) the procedures for challenging the content of student records, 7) the cost that is charged for reproducing copies of records, and 8) the right of the student to file a complaint with the Department of Education.

An office and review board have been established by the Department of Education to investigate and adjudicate violations and complaints. The office designated for this purpose is the Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, D.C. 20202.

LMU is authorized under the Act to release public "directory information" concerning students. "Directory information" includes the student's name, address, telephone number, electronic mail address, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and the most recent previous educational agency or institution attended by the student.

The above designated information is subject to release by LMU at any time unless it has received prior written objection from the student by the close of official registration. Written objections should be sent to the Office of the Registrar. Requests to withhold "directory information" must be filed each semester.

LMU is authorized to provide access to student records without a student's consent in a limited number of situations, including but not limited to: campus officials and employees who have legitimate educational interests in such records, pursuant to a lawfully issued subpoena, to educational institutions where a student seeks to enroll, to authorized Federal and state officials, and in the event of an emergency if necessary to protect health and safety.

Registration

The days of registration are listed in the University Calendar. All students must follow the registration procedures as established by the Office of the Registrar. A student is not considered registered until official clearance has been obtained from the Controller's Office and successful registration has been processed by the Office of the Registrar. The official academic program consists of the courses in which the student is enrolled at the close of official registration. Students may not attend a course for which they are not registered.

Repeating Courses

Students may repeat a course previously taken at LMU in a subsequent term at LMU up to two additional times, including any withdrawals; the prior occurrence is excluded from the cumulative grade point average but remains on the transcript. All units attempted are used to determine the student's grade point average and graduation eligibility. The grade of the latest occurrence of the repeated course will be the one calculated into the cumulative average. Please note that although the term GPA will change accordingly, the academic status of the term will not change. Courses taken on a credit/no credit basis may not be used as a repeat course to exclude from the cumulative average a grade of a prior occurrence taken on a letter grade basis. Students may not register for any course in the College of Business Administration for a third time without the written permission of the Department Chairperson of the course and the Dean. Questions concerning this policy should be directed to the Office of the Registrar.

Undergraduate students may not repeat an elementary or intermediate foreign language course after successful completion of a more advanced course in the same language.

For graduate students, repetition of a course requires the approval of the Graduate Division Director and/or Dean and is granted only under extraordinary circumstances.

Courses taken at LMU after a degree has been granted will not change the graduation GPA.

Transcripts

Official transcripts of courses taken at the University are issued only with the written permission of the student concerned. Partial transcripts are not issued.

Transcripts show all Loyola Marymount University work completed as of the date of application for the transcript. Work in progress accompanies the transcript. Requests for transcripts to show end of current semester's work are held until all grades are recorded.

Transcript requests are processed in accordance with the date of filing. Transcripts will not be issued when a student has outstanding financial obligations to the University. In this case, the student will be notified by the Controller's Office.

Transcripts from other institutions which have been presented for admission or evaluation become a part of the student's permanent academic file and are not returned to the student. Students desiring transcripts covering work attempted elsewhere should request them from the appropriate institutions.

Transfer Credit

Credit for work completed at institutions accredited by one of the six regional associations of the Accrediting Commission for Senior Colleges and Universities, other than course work identified by such institutions as remedial or in other ways as being nontransferable, may be accepted toward the satisfaction of baccalaureate degree and credential requirements at the University within limitations of residence requirements and community college transfer maximums. Courses with grades below C (2.0) do not transfer. A maximum of 60 semester hours from a community college and 90 hours from a four-year institution is transferable to the degree program of the University. In order for work from foreign institutions to be considered for transfer credit, that institution must be recognized by the Ministry of Education of that country.

Any student regularly enrolled as a degree candidate who elects to take courses at a college or university other than Loyola Marymount University must obtain written approval of the Chairperson of the major department and the Dean prior to enrollment in such courses. Courses taken without this approval may not be counted toward the degree. Approved courses must be passed with a grade of C (2.0) or higher in order to transfer. Semester hour value is granted to transfer courses; grades or GPA information on transfer work is neither listed on nor calculated in LMU work printed on the academic record.

It is the responsibility of the student to submit all foreign transcripts to an LMU-approved credentials-evaluating agency for evaluation of U.S. equivalent course work and corresponding grade. Information on such agencies may be obtained by contacting the Office of the Registrar.

Foreign transcripts submitted without appropriate evaluations will not be considered for eligible transfer work to LMU.

Tutorials

Only regularly offered courses described in this Bulletin may be taken as tutorial courses. Students may individually arrange with a faculty member to take the course as a tutorial. A tutorial course is considered part of a student's semester program. Registration for it takes place during the regular registration periods. Only full-time students are eligible, and approval will be given for only one tutorial course per semester. Freshmen and first-semester transfer students are not eligible.

Withdrawal

Withdrawal from Courses

A student may withdraw from any or all courses by the last day to withdraw in a term as published in the University Bulletin and online Academic Calendar. A currently enrolled student may withdraw from a course(s) by using the drop function in the computer registration system (PROWL).

Prior to the deadline, a student may drop all courses using PROWL. In order to completely withdraw from a term or the University, the student should contact the Office of the Registrar. The student will receive grades of W in each of the courses and will be considered to be on a leave of absence for up to two years unless the student gives written notice to the Office of the Registrar that he/she is withdrawing from the University.

After the deadline, and before the final day of classes, students may withdraw from courses only for medical or psychological reasons. A written petition with accompanying documentation from a licensed professional should be submitted to the Office of the Registrar. The documentation from the licensed professional must certify that the student is not able to complete the semester for medical or psychological reasons. If approved, the student will be withdrawn from all courses and not a portion of the course schedule. Students are eligible for tuition and fee refunds according to the University's published policy. Additional documentation from a licensed professional is required indicating that the student is able to resume study at the University.

Withdrawal from the University

A withdrawal from the University is the termination of the academic program and course of study and the rights and privileges offered to currently enrolled students. (See above.)

Academic Programs and Services

Programs

The University Honors Program

Director: Mary Elizabeth Ingham, C.S.J.

As a means of creatively challenging the potential of the outstanding student and thereby contributing to the intellectual life of the entire academic community, the University adopted the Honors Program in 1958. By constant experimentation and periodic revision, the program attempts to keep true to its original intent of providing intellectual adventure.

The program is interdepartmental and does not involve a separate faculty. It relies on the interest and generosity of the entire University faculty and on the enthusiasm of the truly exceptional students to become mutually involved in an intellectual experience. Not being a separate unit apart from the rest of the University community, the University Honors faculty and students thus share with the rest of the school the stimulation of their special academic experience.

Taking advantage of its freedom from some of the restrictions involved in the structure of regular courses, the University Honors Program attempts to challenge as well as to inform, to ask hard questions as well as to examine tested solutions. Its goal is to provide a carefully integrated and demanding curriculum for the exceptional student.

The University Honors Program is open to students from all the undergraduate Colleges and the undergraduate School of Loyola Marymount. The Program is administered by the Honors Director with the assistance of the Assistant Director and the Honors Advisory Council. Faculty members from all disciplines at Loyola Marymount are invited to participate.

The University Honors core curriculum begins with an intensive undergraduate experience combining four interdisciplinary courses in the humanities and sciences with an individualized sequence in writing, critical thinking, and cultural studies. A second-year sequence in historiography, theology, and natural philosophy prepares the Honors student for the third-year seminars in ethics, interdisciplinary study, and thesis preparation. The fourth year results in the publication of the capstone thesis project: the culmination of independent research under the individual guidance of a professor and the participation in the Senior Thesis Forum.

University Honors students must maintain an average GPA of 3.50 and display proficiency in a foreign language. Successful completion of the University Honors Program is announced at the annual Commencement ceremonies and noted on the student's permanent transcript. This recognition is of lasting personal, professional, and academic value.

The University Honors Program is open to incoming and current first year students. First semester sophomores and transfer students may also apply. More is expected of students in the Honors Program; not everyone is qualified to join. We are interested in: a sense of academic adventure, highly motivated individuals, rigorous educational experience, social awareness, personal responsibility, interesting personal background, a first-rate cumulative GPA (4.0 scale), highly competitive test scores (SAT and/or ACT), the constant pursuit of excellence. Interested students should complete an application; schedule an interview with the Director, Assistant Director, or member of the Honors Advisory Council; provide a critical writing sample; and submit a letter of reference.

Each Fall, the University Honors Program carefully selects a limited number of incoming students to join the Program. Application materials are available at <http://www.lmu.edu/honors>.

Further details on requirements and course descriptions are continued under University Honors Program in the Bulletin.

Individualized Study Program

Director: College or School Dean

The Individualized Study Program involves a select number of creative and highly motivated students within all colleges and schools of the University whose educational needs and goals cannot fully be met by individual departments or majors. The program is thus designed to offer each participant greater responsibility in determining the content of his or her major program, based upon the goals to which that major is directed. Students may wish to construct their programs or areas of concentration from interdisciplinary, independent study, field work alternatives, or a combination thereof.

The program is open to freshmen and sophomores who have completed at least one semester in the participating colleges or schools. Once accepted into the program by the Dean of the student's college or school, the student selects a counselor who assists in designing the specific content of the major in line with the student's objectives.

The student's program is then formalized into a contract signed by the student, advisor, and Dean. Upon completion of the contracted course of studies, the student is issued a degree in the major or area of concentration.

Naval ROTC

Eligible Loyola Marymount University students who wish to participate in the Naval Reserve Officers Training Corps may do so through a program established with the UCLA University Extension. The program, in conjunction with an LMU baccalaureate degree, leads to a commission in the United States Navy or Marine Corps. Appropriate academic credit for courses accredited by the University of California is given in accordance with the policies governing LMU's Aerospace Studies program. Further information may be obtained from the Chairperson of the Department of Naval Science, University of California, Los Angeles.

Preparation for a Career in Law

Director: Evan Gerstmann

The University offers several curricula that are appropriate for students who plan to enter law school upon the completion of their undergraduate degree. The prelaw student should select a course of study that insures the development of the skills essential to the successful study of law: 1) the ability to use language and communicate effectively and 2) the ability to think critically and creatively. In addition, the prelaw curriculum must provide a broad understanding of basic human institutions and values.

To insure they follow an appropriate course of study, prelaw students are advised to select their classes in consultation with the University Prewal Advisor. The Prewal Advisor also serves as a resource person for students during the law school application process.

Preparation for the Health Professions

Director: Rebecca Crawford

The Health Professions Information Program provides the student with regular informational meetings. The Director of the Program serves as a resource person and is available for individual consultation. The Director's Office distributes relevant materials to prospective applicants and maintains their files for the Health Professions Advisory Committee. The Committee assists students in completing the application process to health professional schools.

The University offers pre-health professional curricula for those students who plan to apply for admission to the following programs: Medicine, Dentistry, Optometry, Pediatric Medicine, Veterinary Medicine, Pharmacy, Medical Technology, Occupational Therapy, Physical Therapy, and Public Health. These curricula are not degree programs, and students who wish to complete the requirements for a Bachelor's degree before admission to a professional school should select a major within the University. Students usually select a biology, biochemistry, or other science major. Students in other majors should consult with the director early in their college career about blending pre-health profession courses with their chosen major. In addition to fulfilling the requirements of the chosen major, specific requirements of the professional programs should be satisfied. The following lower division courses are usually required: BIOL 101, 102, 111, 112, 201, 202; CHEM 110, 111, 112, 113, 220, 221, 222, 223; English (6 semester hours); MATH 122, 123; PHYS 253, 254, 255, 256; and PSYC 100. In addition, other specified upper division biology, biochemistry, and statistics courses and electives from Liberal Arts, Fine Arts, and the Sciences may be required.

Students should be aware that many health professional schools do not recognize some AP credits and that alternative coursework may need to be completed to meet admission requirements. Please discuss with the Director.

AFROTC Program

Director: Mark Fish

Loyola Marymount offers its own program of instruction designed to prepare students for commissioning as second lieutenants in the United States Air Force. Additional information can be found under Aerospace Studies in this Bulletin.

Services

LMU Extension

Center for Religion and Spirituality

Director: Robert A. Hurteau

The Center for Religion and Spirituality makes a vital contribution to the mission of Loyola Marymount University by expanding LMU's religious and educational outreach to a wider range of constituencies in Southern California and beyond. As part of LMU Extension, the Center embodies LMU's commitment to serve the Roman Catholic Archdiocese of Los Angeles, other local churches, religious groups, and the general public through the development of diverse programs related to religion, spirituality, faith, and justice.

In collaboration with the Department of Theological Studies and other departments and divisions of the University, the Center sponsors a variety of continuing education courses, certificate programs, lecture series, weekend workshops, summer institutes, and special events. It also provides online courses and other nontraditional venues for religious education, faith formation, and spiritual development, thus linking the University and its mission to the greater Los Angeles community and beyond.

Continuing Education

Directors: Madge Claybion and Ben Hayes

LMU Extension offers certificates, courses, programs, institutes, conferences, and lectures which provide a variety of educational experiences to members of the community. There are three types of classifications of such offerings.

The first of these is Professional Development courses in a certificate or professional development program with identifiable subject areas or in particular disciplines, e.g., teacher education. These are offered under a departmental rubric and carry University semester hours of continuing education/professional development credit. The second type are those courses with academic content falling outside the normal undergraduate or graduate offerings. Such courses and programs are offered under the rubric CNTX. Credit is recorded in semester hours; 1.0 semester hour represents 10 continuing education contact hours. The third type is personal enrichment programs covering a variety of activities that might include dance, martial arts, or yoga, to name but a few.

Regular Loyola Marymount undergraduate students may enroll in "For Credit" LMU Extension courses with permission of their College or School Dean, at the fees quoted for such courses, above and beyond regular full-time tuition. Enrollment in other LMU Extension offerings is unrestricted unless otherwise specified, also at the fees quoted.

Encore Program

Director: Gary Gasca

Encore is designed to assist non-traditional students (those over 25 years old) who are just beginning college or are resuming an interrupted college education after at least five years absence from an organized degree program. Students must have a high school diploma or have passed the GED.

Encore provides the opportunity, guidance, and support (academic, administrative, and social) for non-traditional students, on a full- or part-time basis, to work towards their academic goals. Encore students enroll in regular LMU courses and participate in two special one-unit seminar courses that focus on weaving the non-traditional student into the fabric of academic life at LMU.

Study Abroad

Director: Patricia Masters

LMU sponsors several study abroad programs for summer, semester, and full-year.

New Europe Program

Important economic and political changes are taking place in Europe. LMU's New Europe Program, in Bonn, Germany, is conveniently located near vital European centers such as Brussels and the Hague.

In affiliation with the Academy for International Education, the New Europe Program offers both semester and full-year opportunities.

A range of courses is available in business administration, liberal arts (including German and other European languages), and communication, giving participants an opportunity to work toward their degrees in an academically diverse environment without losing a semester. Faculty come from LMU, German universities, and AIB. Enrollment in a German language course is mandatory for all students who participate in the Program.

Students with a minimum GPA of 2.8, who are in good standing at any college or university, are invited to apply for the Fall, Spring, or full academic year. Applications to the New Europe Program are available through the Study Abroad Office. Students may register for 12 to 17 semester hours of credit during the Fall or Spring semester. Students receive semester hour credit on the LMU transcripts for courses taken.

The program costs (comparable to the cost of a full-time student in residence at LMU) include tuition, housing, breakfast and dinner, public transportation in Bonn, several cultural activities, and excursions and site visits to metropolitan centers such as Paris, Brussels, Bruges, Berlin, Prague, and Dresden. For those students staying the entire academic year on the New Europe Program, an additional excursion to Spain is offered during the Spring semester. The cost does not include round-trip airfare, textbooks, and other personal expenses.

All LMU financial packages can be applied to the New Europe Program; LMU tuition payment plans are applicable. For complete information, consult the Study Abroad Office in University Hall 1840.

Film and Television Program in Germany

This program is located in Dusseldorf, Germany, and focuses on film in the European context—the Avante Garde, independent film making, and other experimental media. This is designed as a semester program with Fall semester offerings focusing on Production—Film and Television majors, and with the Spring semester focusing on Media Studies for all students. Taught by LMU faculty and European film and television experts in the Loyola Marymount University tradition, the courses are offered in the form of master workshops, providing students with an exclusive learning experience. The close interaction with faculty that is afforded by this format makes the program unique. Students receive 15 semester hours of credit by taking workshops and a German language and culture course.

The semester in Dusseldorf includes excursions and educational field trips to give students a deeper insight into film and TV production in Europe. Depending on the semester and opportunity, students will attend film festivals, visit production sites, go to film museums, and meet and talk with directors, producers, and others in the media field. A week excursion to Berlin and Prague, two centers of film production, will bring to life the theories learned in the classroom and will help to inform and stimulate students in their own artistic productions. Each student will produce a 10-15 minute video documentary. Staff and teaching assistants in film will assist with the technical and creative needs, if necessary.

Students with a minimum GPA of 2.8, who are in good standing at any university or college and, for the Fall semester, have completed the PROD and FTVS prerequisites, are invited to apply. The program cost is comparable to full-time residency at LMU and includes tuition, housing, breakfast and dinner, excursions, and public transportation within Dusseldorf. Applications are available through the Study Abroad Office in University Hall, Suite 1840.

Semester in India Program

The Semester in India Program offers a unique opportunity for students to learn about India, one of the world's oldest civilizations. The primary focus of the program is on Indian religions, arts, languages, and cultures. There are also components that involve a study of environmental sciences in India and an opportunity to engage in service learning.

The program is located in Sikkim, a state of northern India. This site is especially interesting in that it offers students an opportunity to engage in a multi-faceted study of the cultures of the Himalayan region, an area that is remote and unstudied but one with a rich and varied cultural history. The program allows students to engage with some of the world's oldest cultures (Nepali, Tibetan, Indian, and Bhutanese) and to study the traditions, arts, religions, and practices of these cultures. Students will return from this experience with an enhanced appreciation of the unique character, deep spirituality, and aesthetic sensibilities developed by the various peoples living on the "roof of the world."

The semester in Sikkim, India, includes excursions to the neighboring areas of Bhutan, Darjeeling, and Kalimpong, as well as a guided trek in the beautiful Himalayan highlands of Western Sikkim. Although Gangtok, the capital of Sikkim and the principal setting for the program, is situated at an altitude of about 6,000 feet above sea level, its temperature is remarkably temperate throughout most of the year, and it typically receives very little snow. The rich and verdant natural vegetation of the hillsides is filled with cardamom, exotic orchids, and many other unusual flowers. The area also contains a broad range of medicinal herbs that have been isolated over the centuries and continue to play a significant role in the traditional medicine practices of the region. These can be studied by those who wish to know more about Tibetan medicine and ecology.

The program includes a comprehensive set of courses, including sociology and anthropology, religions of India, environmental sciences and ecology, and art and history. Language instruction is available in Hindi, Tibetan, Sanskrit, and Nepali.

The Study Abroad Office is located in University Hall 1840, or you can call and make an appointment to speak with a Study Abroad counselor (338-1973).

Jesuit China Study Abroad Program

The Beijing Center for Chinese Studies (TBC) is a study abroad program for undergraduate students interested in other cultures, languages, peoples, philosophies, religions, and economies. The program offers a unique mix of study and first-hand experience in China through intensive language classes, cultural seminars, and contemporary business and political science courses brought to life by extensive academic adventure travel.

TBC offers a comprehensive set of seminar-style courses on Chinese culture, history, literature, philosophy, religions, sociology, communication, art, political science, and business. Students do not need to know Chinese prior to participating in the program. All courses are taught in English by Beijing's top scholars, and many of the courses' lectures incorporate discussion with some of the business and political leaders in Beijing. In particular, courses in mass communications, cinema, international relations, and economics are noted for meeting Chinese leaders. Please see the TBC course catalog or website for course descriptions, professor biographies, and additional academic information.

If you are interested in finding out more, come to the Study Abroad Office at UH 1842, or visit the program website, <http://www.TheBeijingCenter.org>.

Semester in London

The program is located in London at the facilities of the Foundation for International Education. FIE facilities are located in the Royal Borough of Kensington and Chelsea that covers an area of four-and-a-half square miles and has a population of 150,000. Some of London's most famous streets, academic institutions, and historic sites—including the Victoria and Albert Museum, Imperial College, University of London - SOAS, and Royal Albert Hall—lie in the immediate neighborhood surrounding FIE's facilities. Kensington is much more than monuments and museums. Kensington is a residential area of architectural beauty, a mixture of small alleyways and grand boulevards, where the ghosts of famous residents (T.S. Eliot, J.S. Mill, and Beatrix Potter) mingle with modern homeowners such as Hugh Grant, Elizabeth Hurley, and Dustin Hoffman. The West End, London's main theater district, is just 15 minutes away.

Summer Abroad

Summer programs are offered in Africa, China, France, Germany, Greece, Honduras, Ireland, Italy, Guatemala, Mexico, New Zealand, and the United Kingdom. The Washington Center in Washington, DC also offers summer internship opportunities for students. These programs offer courses in language, culture, business administration, science, the arts, and humanities.

Affiliate Programs

LMU is affiliated with programs in the following countries: Australia, Austria, China, France, Germany, Greece, Ireland, Italy, Japan, Korea, Spain, the United Kingdom, Venezuela, and many other countries throughout Europe, South America, and Asia. The University has both formal and informal affiliations with programs sponsored by institutions or organizations around the world. LMU has formal student exchange programs with Sophia University in Tokyo, Japan; Sogang University in Seoul, Korea; Universidad de Deusto in San Sebastian, Spain; Ateneo de Manilla; and Iberoamericana Universidad in Mexico.

It is also possible for students to plan with their advisors individually tailored programs with non-affiliated institutions abroad.

Credit Transfer

All Study Abroad work done at an American institution must be done at an institution accredited as a degree-granting institution by one of the accrediting bodies recognized by the Commission on Recognition of Postsecondary Accreditation (CORPA). Foreign institutions must be recognized by that country's Ministry of Education. (See Transfer Credit in this Bulletin.)

Other University Services

Basil P. Caloyeras Center for Modern Greek Studies

Director: Demetrios Liappas

The Caloyeras Center for Modern Greek Studies provides students with an opportunity to study the culture of contemporary Greece. By means of courses in the language, literature, and the arts of the Greece of today, a doorway is opened to the past, which is thus given a fresh and compelling reality.

The Center has the following goals:

- To offer courses in modern Greek language, post-classical and modern literature and history, the Greek Orthodox tradition, theatre, cinema, dance, music, and the fine arts;
- To encourage students to pursue a minor in Modern Greek Studies;
- To sponsor lectures on subjects pertaining to Greece which are of interest to the academic community and to the public at large;
- To encourage students and faculty to pursue studies and research projects in Greece.

The Center supports the courses that lead to a minor in Modern Greek. (See "Classics and Archaeology" in this Bulletin.)

Thomas and Dorothy Leavey Center for the Study of Los Angeles

Director: Fernando J. Guerra

Overview

The Thomas and Dorothy Leavey Center for the Study of Los Angeles was established in 1994 to assist students, the University, and the community at large to become agents for change that leads to social justice. Using Los Angeles as a laboratory for understanding the urban experience, the center has become a university leader in developing multidisciplinary courses, producing highly regarded applied research, and promoting civic involvement.

Programs

Southern Californians and Their Leaders is one of the only systematic analyses of how our leaders view contemporary Los Angeles, the opportunities and constraints they face, and the conditions that facilitate leadership. Current activities include leadership roundtables, public opinion polls and leadership surveys, leadership internships, and a leadership lecture series. These activities enable students to apply their classroom knowledge in a real-world setting and aim to empower them to serve their community with skill and compassion.

The **Community Studies Program** gives students the opportunity to examine patterns and trends reshaping Los Angeles from the perspective of individual neighborhoods. Through in-depth neighborhood analyses, this program gives residents a voice on issues facing their communities. Community studies have focused on communities with a strong Jesuit presence: Hollywood, Pico Union, East Los Angeles, Watts, Lennox, Westchester, and Playa Vista.

In a short span of time, the center has established one of the best undergraduate archives in the nation, the **Research Collection**. The research collection promotes preservation and analysis of historical documents of public officials, post-World War II developers, late twentieth-century Los Angeles reformers and reform movements, and prominent Catholic families. Holdings include a decade's worth of the original program tapes of KCRW 89.9 FM's *Which Way, L.A.?* as well as the papers of Rebuild L.A., Los Angeles Educational Alliance for Restructuring Now (LEARN), Los Angeles Annenberg Metropolitan Project (LAAMP), Fritz B. Burns, and Mike Roos, to name just a few. A complete index to the research collection and the contents of individual collections is available online at <http://lib.lmu.edu/special/csla.htm>.

Disability Support Services

The Disability Support Services (DSS) Office, which is located on the second floor of Daum Hall, provides specialized assistance and resources that enable students with documented physical, learning, and/or psychological disabilities to achieve maximum independence while they pursue their educational goals. Students with a disability that substantially impacts their ability to learn and perform to the best of their capacity may be eligible for a variety of services. To be eligible, documentation of the disability must be provided from an appropriate licensed/certified professional. To request a form assisting you with providing the complete documentation and/or if you require further information, you may locate more information from our website: <http://www.lmu.edu/dss/>, or contact the DSS Office at (310) 338-4535.

Learning Resource Center

Director: Marcia L. Albert

The Learning Resource Center, which is located on the second floor of Daum Hall, is a place where LMU students can enlist the help of specialists and tutors to enhance the learning process. Every LMU student is invited to make use of the LRC's free services and workshops. The Center's learning specialists in writing, ESL/reading, mathematics, science, and learning skills, as well as its peer tutoring staff, are ready to work with students to encourage those essential learning skills which bring greater academic and personal success. In addition, the Center offers one hour, appointment-based tutoring in a variety of LMU courses. For additional information on LRC services, please call (310) 338-2847 or visit <http://www.lmu.edu/lrc>.

Orientation

Co-Director: Beth Van Brussel

Co-Director: Sam Lingrosso

The Orientation Program welcomes new students to the Loyola Marymount community. During Orientation, students are introduced to the academic and co-curricular programs of the University, meet with faculty for individual academic advisement, and are assisted in registering for courses. Students also become familiar with all of the services, activities, and resources available to them. Throughout the Orientation Program, students interact in small groups, led by current LMU students. Since Orientation provides a useful introduction to the people, programs, and opportunities LMU offers, all new students are required to participate in the program. For additional information, please contact the Orientation office at (310) 338-7429.

University Libraries

Dean of University Libraries: Kristine Brancolini

The Charles Von der Ahe Library, named for its principal donor, was constructed in 1959 and doubled in size in 1977. It contains the collections of the University's Westchester campus, which totals approximately 379,684 book volumes, 14,665 various media titles, 89,901 serials volumes, and 3952 electronic volumes. In addition to the Library's online catalog, LINUS, network access is also available to online index databases such as FirstSearch™, EBSCOhost™, and PROquest Research Library™. For a complete listing of available databases, please go to the Library home page: <http://www.lmu.edu/library>. In addition, the Library is a member of the LINK+ Consortium, an organization created to allow patrons to borrow books from member libraries. LINK+ includes over 4.5 million titles available by patron request from LINUS, the online catalog. The Library's Instruction Program offers classroom instruction in information literacy and database searching.

The Department of Archives and Special Collections houses collections of art, rare books, manuscripts, and the University Archives. Notable holdings include the St. Thomas More, Oliver Goldsmith, and Helena and John Weadock Collections of rare English and American first editions. Other important collections are the papers of the motion picture producer Arthur P. Jacobs, best known for the Planet of the Apes series, and the Werner Von Boltenstern postcard collection which contains one million cards. The department also houses the Research Collection of the Center for the Study of Los Angeles which collects research materials relating to local public officials, post-World War II developers, late twentieth-century reformers, and prominent Catholic families.

The Library's Media and Reserve Services Department provides reserve materials for student classwork as well as equipment and materials in various multi-media formats. Study carrels are equipped so that students can listen to audiocassettes and compact discs, and view videocassettes, laserdiscs, slides, filmstrips, and CD-ROMs. More information about the Library may be found at <http://www.lmu.edu/library>.

Academic Awards and Commencement Honors

Honors at Commencement

To be eligible for scholastic honors at commencement, a student must have completed at least 60 semester hours toward the baccalaureate degree on a graded basis (Credit/No Credit grades do not apply) at Loyola Marymount. Eligible students for honors at May commencement either received a degree on the previous August or December degree-granting dates or be a degree candidate for May. Honors at commencement are determined by the cumulative grade point average at the time the degree is granted, based on LMU work only. The following grade point averages are required for the honors indicated:

- 3.9 Summa Cum Laude
- 3.7 Magna Cum Laude
- 3.5 Cum Laude

These honors are entered on the transcript and are inscribed on the diploma.

Dean's List

A Dean's List, comprised of full-time matriculated undergraduate students, is published at the end of the Fall and Spring semesters. To be eligible for the Dean's list, students must have completed 15 semester hours at LMU and received letter grades in at least 12 semester hours with a cumulative term grade point average of 3.50 or better. To qualify for the Dean's List, one must have completed all courses and not received a grade of F in any course.

University Honor Societies

Loyola Marymount University sponsors numerous honor societies to recognize significant academic achievement of its students.

Alpha Kappa Delta Sociology Society

Established at LMU in 1997, Alpha Kappa Delta is an academic organization dedicated to the study of sociology, the research of social problems, and other social and intellectual activities. It promotes the development of scholastic and leadership skills within the framework of a national honor society and the Department of Sociology. It was founded in 1920 at the University of Southern California.

Alpha Sigma Nu Jesuit Honor Society

Alpha Sigma Nu is a national honor society for men and women founded in 1915 at Marquette University. The society was organized to honor students from Jesuit colleges and universities who have distinguished themselves in scholarship, loyalty, and service to the University. A limited number of juniors and seniors are selected for membership each year. The society offers its services to the University, particularly in an effort to stimulate intellectual interest and accomplishment. It was established at LMU in 1939.

Alpha Psi Omega Honorary Theatre Society

The National Honorary Dramatic Fraternity, established in 1925 at Fairmont College in West Virginia, recognizes and encourages participation in the theatre. The society facilitates faculty/student networking and encourages the exploration of the varying theatrical disciplines. With members at the high school, junior college, and university levels, it is the largest such honor society in the United States. The LMU chapter was established in 2003.

Beta Beta Beta Biology Society

Since its inception at Oklahoma City University in 1922, Beta Beta Beta has been a society for students dedicated to improving the understanding and appreciation of biological study and extending boundaries of human knowledge through scientific research. The society has been at LMU since 1999.

Beta Gamma Sigma Business Society

The establishment of the first national honor society for business students was the result of the 1913 merger of three separate societies from the University of Wisconsin, University of Illinois, and University of California. Beta Gamma Sigma is an international honor society recognizing the outstanding academic achievements of students enrolled in collegiate business and management programs. LMU's chapter started in 1982.

Gamma Kappa Alpha National Italian Honor Society

Gamma Kappa Alpha acknowledges superior scholastic performance in the field of Italian language, literature, and culture, and is open to membership at institutions of higher learning in the United States and Canada. The Society encourages college students to acquire a greater interest in, and a deeper understanding of, Italian culture, art, and history. It was founded at Nazareth College in Rochester, NY, in 1983 and established at LMU in 1998.

Kappa Delta Pi International Honor Society in Education

The Kappa Delta Pi International Honor Society in Education was founded in 1911 at the University of Illinois and established at LMU in 1996. It is dedicated to recognizing scholarship and excellence in education, promoting development and dissemination of worthy educational ideas and practices, and enhancing the continuous growth and leadership of its diverse membership.

Phi Alpha Theta History Society

Established at the University of Arkansas in 1921, Phi Alpha Theta is a professional society whose mission is to promote the study of history through the encouragement of research, teaching, publication, and the exchange of learning and ideas among historians. The LMU chapter started in 1968.

Phi Sigma Tau Philosophy Society

The purpose of Phi Sigma Tau is to serve as a means of awarding distinction to students having high scholarship and personal interest in philosophy and to promote student interest in research and advanced study in this field. It was founded at Muhlenberg College in 1930, incorporated in 1955, and became active at LMU in 1987.

Pi Delta Phi French Honor Society

This society was established in 1906 at the University of California at Berkeley, with the goals of recognizing outstanding scholarship in French language and literature and increasing knowledge of the contribution of French-speaking countries to world culture. LMU's chapter began in 1969.

Pi Mu Epsilon Mathematics Society

Pi Mu Epsilon is an honorary national mathematics society founded at Syracuse University in 1914, with the purpose of promoting scholarly activity in mathematics among the students in academic institutions. The society was established at LMU in 1975.

Pi Sigma Alpha National Political Science Honor Society

Pi Sigma Alpha was founded in 1920 at the University of Texas at Austin. Its goal is to stimulate scholarship and intelligent interest in the field of political science. LMU's chapter was established in 1998.

Psi Chi Psychology Society

Psi Chi Psychology Society was established in 1929 at Yale for the purposes of encouraging, stimulating, and maintaining excellence in scholarship and advancing the science of psychology. LMU started a chapter of the society in 1979.

Sigma Delta Pi Spanish Society

Sigma Delta Pi, the National Collegiate Hispanic Honor Society, was established in 1919 at the University of California at Berkeley. Its goals include honoring those who attain excellence in the study of the Spanish language and encouraging university students to acquire a greater interest in and a deeper understanding of Hispanic culture. LMU's chapter became active in 1972.

Sigma Pi Sigma National Physics Honor Society

Founded at Davidson College, North Carolina, in 1921, Sigma Pi Sigma exists to honor outstanding scholarship in physics, to encourage interest in physics among students at all levels, to promote an attitude of service of its members towards their fellow students and colleagues and to the public, and to provide a fellowship of persons who have excelled in physics. The society was established at LMU in 1979.

Sigma Tau Delta English Society

Founded at Dakota Wesleyan College in 1924 and established at LMU in 1994, Sigma Tau Delta members are expected to have superior creative talent and to have an interest in literature and language beyond the classroom. They are dedicated to providing cultural and intellectual enlightenment in a community of others who have similar talents and interests.

Sigma Xi Scientific Research Society

At LMU since 1967, Sigma Xi endeavors to encourage support of academic achievement and original work in science and technology and to promote an appreciation within society at large for the role research has played in human progress. Founded at Cornell University in 1886, it is among the oldest such societies in the nation.

Tau Beta Pi Engineering Society

This national engineering honor society was founded at Lehigh University in 1885 to honor students displaying excellence in scholarship and exemplary character as undergraduates in engineering and to foster a spirit of liberal culture in engineering colleges. The LMU chapter was established in 1974.

Theta Alpha Kappa Theology Society

Founded in 1976 at Manhattan College, Theta Alpha Kappa is the only national honor society recognizing excellence of students involved in the study of religion and theology. The society was established at LMU in 1981.

University Academic Awards

For students to be eligible for academic awards presented at the May Commencement ceremony, they must have either graduated in the previous Summer or Fall term or be a candidate for graduation for May.

The University Scholar of the Year Award

Presented to the student who, in the four-year undergraduate program at LMU, is determined to have achieved the best overall academic record in the graduating class.

The Ignatian Award

Awarded to the graduating senior man who has achieved well academically and who has distinguished himself in leadership and service to the student body and the University.

The Marian Award

Awarded to the graduating senior woman who has achieved well academically and who has distinguished herself in leadership and service to the student body and the University.

The Valedictorian Award

Presented to the student who, in the four-year undergraduate program, is chosen after a presentation to the Valedictorian Committee to give the Valedictorian Address at the Undergraduate Commencement Services.

Presidential Citations

Presented to outstanding graduates who have combined excellence in the classroom with effective service and leadership in the University community.

College, School, Departmental, and Program Awards

The College or School Scholar Awards

Presented to the top graduating senior who has achieved the highest academic record in each of the four undergraduate colleges and the School of Film and Television.

The Clinton J. Albertson, S.J., University Honors Program Award

Presented to an outstanding graduating student in the University Honors Program.

The American Chemical Society Analytical Division Award

Given to the third-year student who has demonstrated excellence in analytical chemistry and displays an aptitude for a career in the field.

The American Chemical Society Organic Division Award

Given to the outstanding student of two semesters of organic chemistry.

The American Institute of Chemists Award

The gift of the Western Chapter of the American Institute of Chemists presented to the graduating senior who, in the opinion of the faculty of the Department of Chemistry, is deserving of special recognition for leadership, character, and excellence in scholarship.

The Leonard Simon Blenkiron English Award

The gift of Mrs. Mae Emma Blenkiron, in memory of her husband, Leonard Simon Blenkiron, awarded to a senior English major for excellence in English.

The Sister Regina Buchholz, S.C.R.H., Award

Presented in honor of Sister Regina Buchholz, S.C.R.H., former Professor of Art, by the Department of Art and Art History, to a senior Studio Arts major in recognition of excellence in the field of art and of service to the University.

The Stanley Chan Award

Given to the outstanding graduate of the Political Science Department who demonstrates superior academic achievement, outstanding service to the University, and commitment to Judeo-Christian values.

The Caloyeras Center Summer Scholarship

This all-expenses-paid summer scholarship to study in Greece is awarded to a student in the Modern Greek Studies Program who has demonstrated superior academic achievement.

The CRC Press First-Year Chemistry Award

Given to the outstanding student of two semesters of first-year general chemistry.

The Delta Sigma Pi Professional Fraternity Award

The gift of the local chapter of Delta Sigma Pi to a business student for academic excellence and leadership potential.

The Dockweiler Gold Medal

The gift of Mrs. Henry I. Dockweiler awarded annually to the graduating senior who has achieved general excellence in the field of history and in service to the University.

The Jerome K. Doolan Endowed Engineering Award

The gift of Mr. and Mrs. Jerome K. Doolan, awarded to the graduating senior engineer, who, by reasons of his or her scholarship, participation in student activities, and promise of future success in his chosen profession, shall have been judged deserving of special recognition.

The Financial Executives Medallion Awards

Presented by the Financial Executives Institute, recognizing the top student in the field of finance for the four years of study.

The Finnegan-Reiland Education Award

Named in honor of two former professors of the School of Education, the award recognizes distinction in student teaching, superior scholastic achievement, and service to others.

The Barbara and Hugh Gray Award for Greek Studies

Presented by the Basil P. Caloyeras Center for Modern Greek Studies to the author of the best paper on Modern Greek Studies.

The Carl G. Kadner Award

Presented to the graduating senior who has achieved academic excellence, exhibited strong leadership, and provided dedicated service to the Biology Department.

The Jerome J. Korth Award

Presented to the graduating senior in the Frank R. Seaver College of Science and Engineering with the highest grade point average in the University's core curriculum.

The Marketing Student Award

Presented by the Loyola Marymount Collegiate Chapter of the American Marketing Association to the senior with outstanding participation, academic achievement, and career potential in marketing.

Dr. Thomas D. Pitts Award

A gift of the Alumni, honoring Dr. Thomas D. Pitts, Professor of Biology from 1948-1974, to a graduating senior in the Department of Biology who has shown a growth to academic excellence and provided service to the University.

The Alan Seydoux Memorial Award

Given to a graduating senior who has achieved excellence in the area of field or marine biology and who has provided service to the University.

The Mary Tsassis Award in European History

Presented by the Basil P. Caloyeras Center for Modern Greek Studies to the graduating senior who has demonstrated excellence in European history.

The *Wall Street Journal* Student Achievement Awards

The gift of Dow Jones & Company, publishers of the *Wall Street Journal*, to be given to the senior who ranks highest in finance and in economics.

Special Awards

The AFROTC Award

The gift of the President of Loyola Marymount University to the graduating senior in the Air Force ROTC who exemplifies the high ideals of the University through leadership and service to AFROTC, the school, and the community.

The Samuel Z. Arkoff Awards

The gift of Samuel Z. Arkoff, awarded annually in two categories of achievement: best film and best full-length film script by an undergraduate student.

Eugene Escallier Foreign Study Scholarship Award

An endowed gift of Lucien Escallier to a full-time junior or senior student for educational enrichment through travel and foreign study within the area where western culture was born.

The Jack Haley, Jr., Film Award

Originally created by Jack Haley, Sr., and now supported by a grant from Jack Haley, Jr. Designed to foster and encourage excellence in student film production.

Rev. James N. Loughran, S.J., Award for Community Service

Presented to the outstanding graduating senior in good academic standing who, through his/her leadership, activities, and involvement with the community beyond the campus and throughout his or her years at Loyola Marymount University, has improved relations between the community and the University and has created a positive view of Loyola Marymount University. The recipient has exemplified Jesuit and Marymount ideals of hard work and generosity, has had a significant impact in off-campus service, and has given promise of selfless and effective leadership in the years ahead.

Sr. Raymunde McKay, R.S.H.M., Service and Leadership Award for Seniors

Presented to ten graduating seniors in good academic standing who, during their years at Loyola Marymount, have excelled as leaders and servants. The recipients of the McKay Award have: been instrumental in initiating change; taken on leadership roles that have motivated their peers to challenge themselves and others; enriched the quality of University life by building school spirit and by creating a positive and respectful community; and given selflessly of their time and energy in an attempt to make the world—that of the University, local community, and nation—a better place.

University Honors Program



University Honors Program

All University Colleges

Director

Mary Beth Ingham, C.S.J.

Objectives

The University Honors core curriculum is an intensive undergraduate experience beginning with four interdisciplinary courses in the humanities and sciences with an individualized sequence in writing, critical thinking, and cultural studies. A second-year sequence in historiography, theology, and natural philosophy prepares the Honors student for the third-year seminars in ethics, interdisciplinary studies, and thesis preparation. The fourth year results in the publication of the capstone thesis project: the culmination of independent research under the individual guidance of a professor and the participation in the Senior Thesis Forum.

University Honors students must maintain an average GPA of 3.50 and display proficiency in a foreign language. Successful completion of the University Honors Program is announced at the annual commencement ceremonies and noted on the student's permanent transcript. This recognition is of lasting personal, professional, and academic value.

The University Honors Program is open to incoming and current first year students. First semester sophomores and transfer students may also apply. More is expected of students in the Honors Program; not everyone is qualified to join. We are interested in: a sense of academic adventure, highly motivated individuals, rigorous educational experience, social awareness, personal responsibility, interesting personal background, a first-rate cumulative GPA (4.0 scale), highly competitive test scores (SAT and/or ACT), the constant pursuit of excellence. Interested students should complete an application; schedule an interview with the Director, Assistant Director, or member of the Honors Advisory Council; provide a critical writing sample; and submit a letter of reference.

Each Fall the University Honors Program carefully selects a limited number of incoming students to join the Program. Application materials are available at <http://www.lmu.edu/honors>.

Program Requirements

Year One

HNRS 100: Writing Tutorial
 HNRS 101: American Persona
 HNRS 105: Wealth of Nations
 HNRS 115: On the Sublime
 HNRS 120: On Human Dignity
 HNRS 130: Society and Its Discontents
 HNRS 140: On Motion and Mechanics

Year Two

HNRS 215: Imago Dei
 HNRS 220: Republic to Prince
 HNRS 230: Age of Leviathan
 HNRS 240: On the Nature of Things

Year Three

HNRS 330: Beyond Good and Evil
 HNRS 398: Interdisciplinary Seminar
 HNRS 495: Thesis Seminar I

Year Four

HNRS 496: Thesis Seminar II
 HNRS 497: Honors Thesis

Foreign Language Requirement

Proficiency to the level of nine semester hours

Additional core chosen from University offerings

Arts, critical or creative
 Theological Studies, 300-level

AP and transfer credits are applicable to the foreign language requirements (as well as results from the Language Placement Examination administered during Summer Orientation). Students pursuing a Bachelor of Science degree or a Bachelor of Arts degree in mathematics are exempt from taking HNRS 140. In addition, Engineering majors take either HNRS 220 or HNRS 230 and are exempt from HNRS 105.

HNRS 100

Writing Tutorial

1 Semester Hour

An individual tutorial which guides students in the writing of clear, logical, and cogent essays, with an emphasis on close and accurate readings of the texts from HNRS 115.

Concurrent enrollment in HNRS 115.

HNRS 101

American Persona

3 Semester Hours

A writing intensive course based on readings reflecting the political, social, and literary diversity of the cultures in which we live.

HNRS 105

Wealth of Nations

3 Semester Hours

An in-depth treatment of social science theory and policy, including analysis of individual decision making, markets, the national economy, and the government.

HNRS 115

On the Sublime

3 Semester Hours

A "Great Ideas" series that establishes the overarching themes of the intellectual tradition commonly called the humanities: literature, philosophy, history, theology, political science, psychology, and economics. The course also serves as the foundation of Honors interdisciplinary studies.

HNRS 120

On Human Dignity

3 Semester Hours

An examination of what it means to be human as reflected in and fashioned by significant philosophical works, both classical and contemporary.

HNRS 130

Society and Its Discontents

3 Semester Hours

A discussion of culture and ideology from the perspective of various 19th and 20th century critical thinkers and political theorists.

HNRS 140

On Motion and Mechanics

3 Semester Hours

An experiential course employing the use of scientific and engineering methods to study the environment around us and solve technical problems.

HNRS 215

Imago Dei

3 Semester Hours

An exploration of the historical, social, and theological images of creation and the divine.

HNRS 220

Republic to Prince

3 Semester Hours

A study of history and the construction of civilizations from the ancient to early modern periods.

HNRS 230

Age of Leviathan

3 Semester Hours

An historical presentation of the major concepts, ideologies, and movements which have dominated the path to contemporary globalization.

HNRS 240

On the Nature of Things

3 Semester Hours

An examination of the history, philosophy, and nature of scientific discovery, theory, and practice.

HNRS 330

Beyond Good and Evil

3 Semester Hours

A critique of moral problems through the study of ethics, considering select issues in social justice, science and technology, business and society, medicine and bioethics, or media and responsibility.

HNRS 398

Special Studies: Interdisciplinary Seminar

1-3 Semester Hours

An in-depth, interdisciplinary analysis of a particular theme, problem, or period. Coursework often involves the student with faculty writing and research, resulting in co-authoring and publication opportunities.

HNRS 490

Honors Teaching Assistant

1-2 Semester Hours

Guided teaching of HNRS 100 where the TA leads individual writing tutorials, peer-editing groups, discussions of "The Book," and the step-by-step process for the HNRS 115 research paper.

May be repeated for credit.

Requires Junior- or Senior-level Honors status and consent of Honors Director and HNRS 115 professor.

HNRS 495

Thesis Seminar I

1-2 Semester Hours

The proposal and preliminaries of the Honors Thesis.

HNRS 496

Thesis Seminar II

1-2 Semester Hours

The research, draft, and oral presentation of Thesis progress.

HNRS 497

Honors Thesis

1-2 Semester Hours

The publication and submission of the Honors Thesis.

HNRS 499

Independent Studies

1-3 Semester Hours

Bellarmino College of Liberal Arts



Bellarmino College of Liberal Arts

Administration

Dean: Michael E. Engh, S.J.

Associate Deans: Jennifer Abe-Kim, John R. Popiden

Mission of the College

The Bellarmine College of Liberal Arts (BCLA) embodies the wider University goals of liberal education and commitment to Roman Catholicism and the Judaeo-Christian tradition. The curriculum in the College liberates the mind, nourishes the spirit, and cultivates creativity for the challenges of today and tomorrow. Its courses, therefore, are at the heart of the University's core curriculum for all undergraduates.

BCLA Student Learning Outcomes

By virtue of their liberal arts courses, LMU students should understand:

- The various ways in which knowledge is established and integrated
- The broad outlines of human history and the interconnectedness of the world
- The philosophical and theological dimensions of our intellectual traditions.

By virtue of their liberal arts courses, LMU students should be able to:

- Demonstrate written and oral competencies
- Synthesize and apply knowledge to solve problems, personal and social
- Interact cross-culturally and pursue justice, locally and globally.

By virtue of their liberal arts courses, LMU students should value:

- The life of the mind, enhanced self-awareness and social awareness
- Critical reflection that leads to thoughtful action
- Diversity, responsibility, justice, and globally sound human practice.

Similarly, BCLA students attain the learning outcomes of their majors and minors, found in the following program descriptions.

Organization of the College

The College offers undergraduate majors and/or minors in the following fields of learning:

African American Studies	AFAM
Archaeology	ARCH
Asian Pacific American Studies	APAM
Asian and Pacific Studies	ASPA
Chicano/a Studies	CHST
Classical Civilizations	CLCV
Classics	CLAS
Economics	ECON
English	ENGL
Ethics	ETHC
European Studies	EURO
French	FREN
German	GRMN
Greek	GREK
History	HIST
Humanities	HMNT
Individualized Studies	ISLA
Italian	ITAL
Irish Studies	IRST
Latin	LATN
Liberal Studies (Elementary Education).....	LBST
Modern Greek Studies	MDGK
Peace Studies	PCST
Philosophy	PHIL
Political Science.....	POLS
Psychology	PSYC
Sociology	SOCL
Spanish	SPAN
Theological Studies	THST
Urban Studies	URBN
Women's Studies	WNST

Graduate programs are also offered in Bioethics, English, Philosophy, and Theological Studies. For further information, consult the Graduate Bulletin.

Application of General University Requirements

The University requirements for admission, graduation, and all general rules and regulations of the University as set forth in this Bulletin are applicable to and binding upon all students enrolled in the Bellarmine College of Liberal Arts.

Degree Requirements for a Baccalaureate Degree in the Bellarmine College of Liberal Arts

The degree program has three components: core, major, and electives. The core curriculum, which is taken throughout the four-year program, provides educational breadth and embodies Loyola Marymount's educational mission and vision. The major provides a field of concentration that develops a depth of understanding in the humanities or social sciences. Finally, up to one-third of the program is made up of electives. This provides the opportunity for exploring fields of study complementary to the major or for developing expertise in a second major or minor.

Total Program

120 semester hours are required for graduation with the following distribution: a) at least 45 semester hours of upper division, and b) a maximum of 30 upper division semester hours in any one department will be accepted toward graduation requirements.

No more than 9 semester hours in any of the following programs will be accepted toward degree requirements: ART, DANC (studio technique/performance), MUSC (applied music, studio, or performance), THEA (technical or performance).

Liberal Arts students with a double major or minor in one of the above departments are allowed to exceed the 9 semester hour limit in order to complete their programs. Only those units that are applicable to the double major or minor will be accepted toward graduation requirements.

Enrollment by degree-seeking students at another institution at the same time they are enrolled at LMU is not permitted.

The Bellarmine College of Liberal Arts accepts a maximum of two units of physical education only upon entrance for a new transfer student. Other physical education hours do not count toward degree requirements.

A maximum of 10 semester hours of Aerospace credit will be accepted. This credit is limited to:

AERO 100: 1 semester hour
 AERO 101: 1 semester hour
 AERO 200: 1 semester hour
 AERO 201: 1 semester hour
 AERO 300/400: 3 semester hours
 AERO 301/401: 3 semester hours

Students should consult the Dean's Office for specific policies applicable to the Bellarmine College of Liberal Arts.

Core Curriculum for the Baccalaureate Degree in the Bellarmine College of Liberal Arts

(Majors in Liberal Studies (LBST), consult page ***)

American Cultures

3 Semester Hours

Course Selection:

First- and second-year students choose from any lower division course listed or cross-listed as AMCS. Third- and fourth-year students choose from any upper division course listed or cross-listed as AMCS. A single course will generally not fulfill two core requirements. The only exception is a course that satisfies another core requirement which is also cross-listed as AMCS.

College Writing

3 Semester Hours

Course Selection:

ENGL 110 will fulfill the college writing requirement. ENGL 100 will not fulfill the college writing requirement but is required of certain students based on their performance in the essay written in all ENGL 110 sections during the first week of classes. A minimum grade of C (2.0) is required in ENGL 110. All students who receive a grade of C- (1.7) or lower must retake ENGL 110 as soon as possible.

Choose: ENGL 110.

Communication or Critical Thinking

3 Semester Hours

Course Selection:

Communication: Choose from CMST 100, 110, 130, or 140

or

Critical Thinking: Choose from CMST 206 or PHIL 220.

Critical and Creative Arts*6 Semester Hours*

Course Selection:

This requirement is satisfied by taking one course from Critical Arts and one course from Creative Arts.

Critical Arts: Choose from ANIM 100; ARHS 200, 201, 202, 321, 340, 345; DANC 281, 381; FTVS 210, 314, 315; MUSC 102, 104, 303, 365; THEA 240, 245, 331, 336, 341, 346, 347, 348, 349, 430.

Creative Arts: Choose from ANIM 120; ART 150, 151, 153, 278, 280, 350; DANC 163; ENGL 205, 311 (Prerequisite 201), 312 (Prerequisite 202); MUSC 105, 106, 107; PROD 200; SCWR 220; THEA 110, 400.

History*6 Semester Hours*

Course Selection:

This requirement is satisfied by taking one course from Western Civilization and one course from Contemporary Societies.

Western Civilization: Choose from HIST 100 or 101.

Contemporary Societies: Choose from HIST 152, 162, 172, 182, or 192.

Literature*3 Semester Hours*

Course Selection:

Prerequisite: Successful completion of college writing requirement.

Choose from CLCV 200, 210, 220, 230; ENGL 130, 140, 150, 170; FNLT 180; THEA 240, 245, 331, 336, 341, 346, 347, 348, 349, or 430. Or choose any upper division literature course in a modern or classical language, e.g., CHIN, FLPN, FREN, GREK, GRMN, ITAL, JAPN, LATN, MDGK, or SPAN.

Mathematics*3 Semester Hours*

Course Selection:

Choose MATH 102 or higher. Some majors require a specific mathematics course, which also fulfills this requirement.

Science and Technology*3 Semester Hours*

Course Selection:

Choose one lower division course from a department other than Mathematics. Courses numbered 260-279 in each department of the Frank R. Seaver College of Science and Engineering are specifically designed for non-science majors. Choose from BIOL, CHEM, CMSI, ELEC, MECH, NTLN, or PHYS.

Philosophy*6 Semester Hours*

Course Selection:

Lower Division:

Choose PHIL 160. Transfer students who enter LMU with a minimum of sixty (60) accepted transfer hours are exempted from the lower division requirement.

Upper Division:

Choose one PHIL course numbered 320 through 330.

Social Sciences*6 Semester Hours*

Course Selection:

1. Select two courses from ECON 100, 105, 110, 120; GEOG 100; POLS 135, 155; PSYC 100; SOCL 100 or 105. Courses must be from different departments.
2. Select one course from: AFAM 115, APAM 117, CHST 116, or WNST 100, and one course from ECON 100, 105, 110, 120; GEOG 100; POLS 135, 155; PSYC 100; SOCL 100 or 105.
3. Select two courses from the same department. The first is selected from ECON 100, 105, 110, 120; GEOG 100; POLS 135, 155; PSYC 100; SOCL 100 or 105. The second course in the same department is selected from upper division courses that the student is qualified to take.

Theological Studies*6 Semester Hours*

Course Selection:

Lower Division:

Choose from the 100-level series of THST courses. Transfer students who enter LMU with a minimum of sixty (60) accepted transfer hours are exempted from the lower division requirement.

Upper Division:

Choose from the 300-level series of THST courses only.

Major Requirements

Students must have a major. Please see the following pages for the requirements for specific programs. Students ordinarily enter the University with a major, but may enter undeclared. Undeclared students must declare a major prior to enrolling in classes for their junior year.

Minor Requirements

Students may, if they so desire, dedicate some of their electives in pursuit of a minor. Please see the following pages for the requirements for specific programs.

Recommendations

Students are encouraged to enrich their program of study with courses from the following areas.

Business

Students are encouraged to take a course in the issues of business. Consult the Bulletin listings.

Computer Skills

Students are expected to become proficient in computer skills. Courses or workshops may be taken to help students develop existing skills.

Foreign Language

Students are encouraged to study foreign languages to the intermediate level. LMU offers Chinese, Filipino, French, German, Greek (Modern and Classical), Italian, Japanese, Latin, and Spanish on a regular basis.

International/Global Studies

Students are encouraged to select courses that deal with international and/or global issues. Such courses are offered throughout the University and are available as electives or as options within the core or major. Consult the Bulletin listings.

Internships

Students are encouraged to link academics and career exploration through internships. Internships may be arranged through the Career Development Office. Also, internship courses are offered through various academic departments.

Study Abroad

A semester of international study abroad is also recommended for the junior year. Consult the Study Abroad Office.

First Year Institute

Director: Barbara Roche Rico

The First Year Institute (FYI) is a program for entering first-year students, offering thematically linked core courses. The FYI professors work closely together and coordinate readings, guest speakers, and field trips to complement the classroom experience. Smaller class size allows for a higher level of interaction and engagement.

Students Interested in Teaching in California Public Schools

Students wishing to teach grades K-5 in California public schools are required to obtain a Multiple Subjects Subject Matter Teaching Credential and demonstrate "subject matter competence" to teach the many subjects commonly taught in elementary school. Subject matter competence must be demonstrated by passing the California Subject Examination for Teachers (CSET). To prepare for this examination, students complete the requirements of the Liberal Studies Bachelor's of Arts degree in the Bellarmine College of Liberal Arts. Students interested in the Liberal Studies degree program should consult a Liberal Studies advisor.

Students wishing to teach in grades 6-12 in California public schools are required to obtain a Single Subject Credential and demonstrate "subject matter competence" to teach a particular subject (e.g., English, Social Studies, Foreign Language, Mathematics, or Science). Subject matter competence can be demonstrated by either passing a national exam or by successfully completing an approved subject matter preparation program in English. Students interested in teaching English at the 6-12 grades levels should consult the English Subject Matter advisor in the English Department. The Frank R. Seaver College of Science and Engineering offers an approved single subject preparation program in mathematics. Students interested in teaching mathematics should consult an advisor in the Mathematics Department. Subject matter preparation programs in science, the social sciences, and French are pending, whereas Spanish has been approved.

A Multiple Subjects Subject Matter or Single Subject Matter teaching credential can be earned concurrently with a Bachelor's degree. Except for Liberal Studies majors, students may declare a minor in Education and begin taking Education courses after completion of 30 semester hours (first semester Sophomore standing). In order to maximize the full potential of taking Education courses with the undergraduate program, students are strongly encouraged to declare the Education minor early in their career. Credential programs are also available in Special Education (K-12) and Bilingual Education (Spanish, K-12). For more information on Education programs, see the School of Education section in this Bulletin.

African American Studies

Faculty

Acting Chairperson: Ronald K. Barrett
Assistant Professor: Dionne Bennett

Objectives

African American Studies is an interdisciplinary department with a worldview grounded in the perspective of Africa and the Diaspora. This worldview forms the basis of our intellectual, theoretical, and methodological approaches. The objective of African American Studies is to understand the forces that impact the lives of people of African descent in America as well as the influences of African descent on America and beyond. The Department's curriculum challenges students to integrate knowledge and analytical skills from disciplines such as sociology, history, literature, political science, philosophy, and economics so that a more holistic understanding emerges.

By examining the lived experiences of Africans in America and throughout the Diaspora from the perspective of various disciplines, students develop a deeper understanding of themselves and their interactions within a diverse society. Thus, African American Studies provides students with an excellent preparation for graduate study, professional schools, social advocacy and activism to promote social justice, and numerous employment opportunities (e.g., law, education, counseling, entertainment, social work, public relations, business, etc.) that require a Bachelor of Arts degree.

African American Studies Student Learning Outcomes

By virtue of exposure to African American Studies courses,

African American Studies students should know:

- The general history of African American people in the U.S. and the Diaspora
- The significance of the concept of an African world-view and its significance to African American-centered scholarship
- How to conduct social science research and to interpret scientific data
- The basic research questions posed by the various disciplines contributing to a better understanding of the African American experience
- The value of embracing the concept of diversity in the modern and complex world in which we live

- The pathways to graduate schools and professional careers provided to a major or minor in African American Studies
- The scope and content of African-centered knowledge systems;

African American Studies students should be able to:

- Effectively employ social science methodologies in the analysis of issues related to African Americans
- Demonstrate written and oral competencies in the analysis of theories and practices
- Identify and utilize appropriate primary data, including census and demographic data
- Apply their understanding of social issues to the development and critical analysis of programs and policies that impact residents in rural and urban areas
- Develop a basic knowledge and appreciation of the Black Aesthetic
- Develop an understanding of the forces that negatively impact the Black family and other institutions in the Black community;

African American Studies students should value:

- The contributions of Black people to America and to world civilization
- The importance of diversity in a complex world
- Critical thinking as an important problem solving skill
- Community service and service learning as meaningful activities
- The dignity of all human cultures.

Major Requirements

Lower Division:

AFAM 115

AFAM 150

AFAM 155

One course in research methods chosen from the following:

AFAM 208

POLS 210

SOCL 109

Upper Division:

24 semester hours in upper division courses must include AFAM 335 (SOCL 335) and AFAM 497. AFAM 335 should be taken in the first semester of the junior or senior year. AFAM 497 should be taken in the senior year. The remaining 18 hours are to be chosen from the five focus areas in which the upper division courses in African American Studies are grouped: I) Sociology, II) History, III) Literature/English, IV) Economics and Urban Studies, V) Senior Seminar. An average grade of C (2.0) must be obtained in courses included in the major.

I. Sociology

- AFAM 301 Black Family Life
- AFAM 334 Race and Ethnic Relations*
- AFAM 335 Sociology of the Black Community
- AFAM 435 Sex, Race, and Violence
- AFAM 485 African American Social Thought*

II. History

- AFAM 390 African Kingdom*
- AFAM 392 Colonial Africa 1860-1960*
- AFAM 490 The Nile Quest*
- AFAM 491 South Africa*
- AFAM 590 Seminar in African History*

III. Literature/English

- AFAM 337 Black Arts Movements
- AFAM 395 Black Drama
- AFAM 396 Survey of African Amer. Literature

IV. Economics and Urban Studies

- AFAM 326 Econ. Dev. Minority Communities*
- AFAM 365 Metropolitan L.A.*

V. Senior Seminar

- AFAM 497 Senior Seminar

* cross-listed courses

African American Studies Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as AFAM major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
AFAM 115	Intro to AFAM.....	3
or AMCS 100	Intro to American Cultures	3
or AMCS 161	Young America 1607-1900	(3)
ENGL 110	College Writing	3
or HIST ____	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
or THST ____	University Core	(3)
MATH ____	University Core	3
	_____	15
<i>Spring Semester</i>		S.H.
AFAM 155	African American History	3
or HIST ____	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
or THST ____	University Core	(3)
____	Critical/Creative Arts Core	3
____	Literature Core.....	3
____	Social Science Core.....	3
	_____	15

Minor Requirements

18 semester hours, including AFAM 115, 150 or 155, and 335 and nine (9) semester hours in upper division courses. An average grade of C (2.0) must be obtained in the courses included in the minor.

Sophomore Year

<i>Fall Semester</i>		S.H.
AFAM 150	Black Cultural Arts	3
or HIST ___	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
THST ___	University Core	(3)
___ ___	CMST/Crit Thinking Core.....	3
___ ___	Social Science Core.....	3
___ ___	Elective.....	3
		15

<i>Spring Semester</i>		S.H.
or AFAM 208	Social Research Methods.....	3
or POLS 210	Empirical Approaches.....	(3)
or SOCL 109	Social Research Methods.....	(3)
HIST ___	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
or THST ___	University Core	(3)
___ ___	Critical/Creative Arts Core	3
___ ___	Science Core	3
___ ___	Elective.....	3
		15

Junior Year

<i>Fall Semester</i>		S.H.
AFAM 335	Socl of the Black Community	3
AFAM ___	AFAM Upper Division	3
or PHIL ___	Upper Division PHIL.....	3
THST ___	Upper Division THST.....	(3)
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
		15

<i>Spring Semester</i>		S.H.
AFAM ___	AFAM Upper Division	3
AFAM ___	AFAM Upper Division	3
or PHIL ___	Upper Division PHIL.....	3
THST ___	Upper Division THST.....	(3)
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
		15

Senior Year

<i>Fall Semester</i>		S.H.
AFAM ___	AFAM Upper Division	3
AFAM ___	AFAM Upper Division	3
___ ___	Upper Division Elective.....	3
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
		15

<i>Spring Semester</i>		S.H.
AFAM 497	Senior Seminar	3
AFAM ___	AFAM Upper Division	3
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		15

Students may take no more than **ten upper division** courses in any one department, except for Philosophy, in which the maximum is thirteen.

AFAM 115
Introduction to African American Studies

3 Semester Hours

An introductory course designed to give an overview of African American Studies in order to familiarize the student with the history, culture, aspirations, and contemporary issues of the African American experience.

AFAM 150
Black Cultural Arts

3 Semester Hours

A study of Black American art forms, such as music, dance, theatre, film, television, painting, sculpture, and literature, as they have developed in the African Diaspora from slavery to the modern age.

AFAM 155
African American History

3 Semester Hours

An analysis of the historical forces which shaped the African American experience in America from past to present.

AFAM 198
Special Studies
 1-3 Semester Hours

AFAM 199
Independent Studies
1-3 Semester Hours

AFAM 208
Social Research Methods
3 Semester Hours

An introduction to scientific inquiry and research methods in the social sciences with special emphasis on African Americans.

AFAM 298
Special Studies
1-3 Semester Hours

AFAM 299
Independent Studies
1-3 Semester Hours

AFAM 301
Black Identities, Families, and Cultures
3 Semester Hours

This course examines relevant issues about life within the Black Family and the impact that these issues have on the identity, community, and culture. Emphasis is placed on myths, gender roles, socialization, parenting styles, and male/female relationships. The course gives students an opportunity to select an aspect of Black life and do an in-depth critical analysis of it with a focus on the current research, competing views, and implications for the future.

AFAM 335
Sociology of the Black Community
3 Semester Hours

A survey of the effects of long-standing discrimination and deprivation upon family structure, occupational patterns, health and educational conditions, motivation, and personal as well as group identity. An analysis of the Black power concept and its influence upon the growing community control of the ghetto.

AFAM 337
Black Arts Movement
3 Semester Hours

A survey of the critical, fictional, poetic, and dramatic writings of Black Americans in the 1920s-1930s and the 1960s-1970s.

AFAM 395
Black Drama
3 Semester Hours

A survey of dramatic literature written by African American playwrights from the 19th century to the current day. Representative playwrights include Garland Anderson, Theodore Ward, Langston Hughes, James Baldwin, Lorraine Hansberry, Charles Gordone, Charles Fuller, Ntozake Shange, and August Wilson. Students will have opportunities to attend live performances of African American drama in L.A. communities and to stage readings of selected works.

AFAM 396
Survey of African American Literature
3 Semester Hours

A study of the major themes in selected works of African American literature; examination of their social, historical, cultural, and contemporary significance.

AFAM 397
Hip Hop Culture
3 Semester Hours

This course will explore how and how hip hop has become a global phenomenon, examining themes within hip hop culture with a primary focus on race, gender, class, sexuality, and youth politics of hip hop.

AFAM 398
Special Studies
1-3 Semester Hours

AFAM 399
Independent Studies
1-3 Semester Hours

AFAM 435
Sex, Race, and Violence
3 Semester Hours

This course examines the issues of sex, race, and violence and their implications for the individual, the family, and the community. Emphasis is placed on the role of socialization and the myths that impact societal attitudes about sex and violence. Students have an opportunity to identify and to explore factors that influence the manifestation of physical violence (including dating violence, child abuse, and domestic violence) and sexual violence (including date rape, stranger rape, and marital rape) across the dimensions of race, ethnicity, and gender.

AFAM 485**African American Social Thought***3 Semester Hours*

A survey of the development of African American social thought with special emphasis upon current philosophies which have influenced contemporary African American social movements.

AFAM 497**Senior Seminar***3 Semester Hours*

Designed as a capstone experience for African American Studies majors and minors. In the seminar format, students will be challenged to integrate knowledge, skills gained in course work, and life experiences into a meaningful project that meets the challenge of academic excellence and social responsibility.

Prerequisite: Senior standing.

AFAM 498**Special Studies***1-3 Semester Hours***AFAM 499****Independent Studies***1-3 Semester Hours*

Cross-listed Courses

AFAM 326**Economic Development of the Minority Communities***(See ECON 371)***AFAM 334****Race and Ethnic Relations***(See SOCL 334)***AFAM 338****Civil Rights Movements***(See POLS 338)***AFAM 339****Racial and Ethnic Politics***(See POLS 337)***AFAM 365****Metropolitan Los Angeles***(See URBN 365)***AFAM 390****African Kingdoms***(See HIST 390)***AFAM 392****Colonial Africa: 1860-1960***(See HIST 392)*

AFAM 490**The Nile Quest***(See HIST 490)***AFAM 491****South Africa***(See HIST 491)***AFAM 590****Seminar in African History***(See HIST 590)*

American Cultures Studies

Coordinator

Edward Park

Mission of American Cultures Studies

Courses in American Cultures Studies will enhance students' familiarity with and appreciation of several of the diverse cultural groups that comprise the multi-ethnic society of the United States. The in-depth, comparative, and interdisciplinary study of the cultures, behaviors, experiences, and inter-group relations of the following groups—African American, Asian/Pacific Islander American, Chicano/Latino American, Euro-American, and Native American—will provide students with competencies and sensibilities that will enable them to contribute to and thrive in a culturally diverse world. (It is understood that the above categories do not include the entirety of peoples comprising the United States of America. Moreover, it is recognized that a rich variety of cultures is also represented within these broad groups.)

Students will strengthen their knowledge and awareness of various ethnic or cultural groups. They will also develop analytical responses to various forms of cultural expression. This approach asks students to challenge the boundaries of ethnicity, culture, and academic discipline. In so doing, students improve their intergroup communication skills and become better able to see, appreciate, and respect the perspectives of others—factors that are essential to the creation of a more understanding and just society.

Goals of American Cultures Studies

Courses in American Cultures Studies are designed to:

- Provide strategies and competencies necessary to thrive in and contribute to a multiethnic and inter-cultural environment.
- Link theory and practice in the Jesuit-Marymount tradition.

American Cultures Studies Student Learning Outcomes

Students who have completed an AMCS course will:

- Know the histories, cultures, and politics of major ethno-racial groups in American society
- Know the role of race and ethnicity in shaping the American experience.

Students who have completed an AMCS course will be able to:

- Become more informed and effective participants in a culturally diverse world
- Evaluate the multiracial and multiethnic dimension of American life.

Students who have completed an AMCS course will value:

- Historical and contemporary efforts to build a more just and inclusive America
- Commitment to social justice and interculturalism.

All courses in this curriculum satisfy the AMCS component of the student's core requirement. Some of the courses are also cross-listed in other disciplines.

AMCS 100

Introduction to American Cultures

3 Semester Hours

Lower division introductory courses in American Cultures Studies explore the meaning and dynamics of such issues as race, ethnicity, gender, class, sexuality, and other factors that define members of our society. These issues are explored from the vantage point of at least three ethno-cultural groups. Courses may be taught from myriad disciplinary perspectives and emphasize the development of basic skills for understanding and interacting in today's multicultural society.

Prerequisite: Freshman and Sophomore students only.

AMCS 161

Young America: 1607-1900

3 Semester Hours

(See HIST 161)

AMCS 198

Special Studies

1-3 Semester Hours

Prerequisite: Freshman and Sophomore students only.

AMCS 199

Independent Studies

1-3 Semester Hours

AMCS 298

Special Studies

1-3 Semester Hours

Prerequisite: Freshman and Sophomore students only.

AMCS 299

Independent Studies

1-3 Semester Hours

AMCS 300**Advanced Survey of American Cultures***3 Semester Hours*

Upper division courses in American Cultures Studies explore the meaning and dynamics of race, ethnicity, class, sexuality, and other factors that define members of our society. These issues are explored from the vantage point of at least three ethno-cultural groups. Courses may be taught from myriad disciplinary perspectives and emphasize the development of basic skills for understanding and interacting in today's multicultural society.

Prerequisite: Junior and Senior students only.

AMCS 398**Special Studies***1-3 Semester Hours*

Prerequisite: Junior and Senior students only.

AMCS 399**Independent Studies***1-3 Semester Hours*

Asian and Pacific Studies

Director

Robin Wang

Objectives

Asian and Pacific Studies, an interdisciplinary area studies program, provides a general background to the traditions and cultures of Asia and the Pacific as well as an understanding of contemporary issues relating to that region. Furthermore, given the present shift of interest to the Pacific region, it aims to deepen the student's knowledge of Asia and the Pacific or of a country/area through a concentrated study in one academic discipline. This academic program, therefore, is intended to develop the student's personal interest in Asian and Pacific affairs and to prepare her or him for Asia-related career opportunities. All students are encouraged to spend some time in Asia through the various programs available to them.

Asian and Pacific Studies Student Learning Outcomes

- Students will come to understand the culture of the Asia Pacific region and its contributions to human civilization, with special attention to distinctively Asian culture and spiritual traditions that originated in this region;
- Students will enhance their competencies by doing original research on topics of concern in the Asia Pacific region, and communicate their findings in both written and oral presentations. Students will also acquire a basic knowledge and skill in an Asian language;
- Students will have the opportunity to develop selfawareness by exploring interactively the relationships between their own cultures and those of the Asian Pacific region.

Major Requirements

Lower Division Requirements (18 semester hours) including:

ASPA 201 Asian Civilizations

HIST 182 Modern Asia

Language Requirement:

Study of an Asian language (competence expected is the equivalent of a two-year study, i.e., 12 semester hours). Native speakers of an Asian language may be exempted from the language requirement but will be strongly encouraged to study another language. At LMU, course credit may be obtained for CHIN 101, 102, 203, 204; CLCV 201, 202 (Sanskrit); FLPN 101, 102, 203, 204; JAPN 101, 102, 203, 204. At UCLA, credit may be obtained through the SOCCIS program for Arabic, Korean, and Mongolian.

Upper Division Requirements (24 semester hours):

ASPA 301, 305, 500.

Choose the additional fifteen upper-division semester hours from ASPA courses or, in consultation with the Director, from courses with substantial content focused on Asia and the Pacific region in other disciplines, including art, business, economics, history, philosophy, political science, and theological studies.

Minor Requirements

18 semester hours

HIST 182, one semester of Asian language, plus 12 upper-division semester hours in ASPA including ASPA 500. In consultation with the Director, the student may choose one course in another college or school, provided it has substantial content focused on Asia and the Pacific region.

Asian and Pacific Studies Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as ASPA major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
or	AMCS 100	Intro to American Cultures 3
	AMCS 161	Young America, 1607-1900 (3)
	ENGL 110	College Writing 3
	HIST 182	Modern Asia 3
	MATH ____	University Core 3
	____ ____	Asian Language 3
		15

<i>Spring Semester</i>		S.H.
or	HIST 100	Found. West. Civ. to 1500 3
	HIST 101	Western Traditions (3)
	____ ____	Critical/Creative Arts Core 3
	____ ____	Literature Core..... 3
	____ ____	Social Science Core..... 3
	____ ____	Asian Language 3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
	ASPA 201	Asian Civilizations 3
or	PHIL 160	Phil. of Human Nature 3
	THST ____	University Core (3)
	____ ____	CMST/Crit Thinking Core..... 3
	____ ____	Social Science Core..... 3
	____ ____	Asian Language 3
		15

<i>Spring Semester</i>		S.H.
or	PHIL 160	Phil. of Human Nature 3
	THST ____	University Core (3)
	____ ____	Critical/Creative Arts Core 3
	____ ____	Science Core 3
	____ ____	Asian Language 3
	____ ____	Elective..... 3
		15

Junior Year

<i>Fall Semester</i>		S.H.
	ASPA 305	Econ/Pol Issues in Asia 3
	ASPA ____	ASPA Upper Division 3
or	PHIL ____	Upper Division PHIL..... 3
	THST ____	Upper Division THST..... (3)
	____ ____	Upper Division Elective..... 3
	____ ____	Elective..... 3
		15

<i>Spring Semester</i>		S.H.
	ASPA 301	Geography of Asia/Pacific 3
	ASPA ____	ASPA Upper Division 3
or	PHIL ____	Upper Division PHIL..... 3
	THST ____	Upper Division THST..... (3)
	____ ____	Upper Division Elective..... 3
	____ ____	Elective..... 3
		15

Senior Year

<i>Fall Semester</i>		S.H.
	ASPA ____	ASPA Upper Division 3
	ASPA ____	ASPA Upper Division 3
	____ ____	Upper Division Elective..... 3
	____ ____	Upper Division Elective..... 3
	____ ____	Elective..... 3
		15

<i>Spring Semester</i>		S.H.
ASPA 500	Senior Integrating Seminar	3
ASPA ___	ASPA Upper Division	3
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		15

Students may take no more than ten upper division courses in any one department, except for Philosophy, in which the maximum is thirteen.

ASPA 201
Asian Civilizations
3 Semester Hours

A study of Asian civilizations through history, literature, art, philosophy, and film. Topics to be covered will emphasize the intellectual, cultural, social, and political factors which shaped the civilizations of Asia and the Pacific.

ASPA 298
Special Studies
1-3 Semester Hours

ASPA 299
Independent Studies
1-3 Semester Hours

ASPA 301
Geography of Asia and the Pacific
3 Semester Hours

An introductory geography class in which basic geography concepts and the relationship between humans and nature are presented in the context of East and Southeast Asia. Emphasis will be placed on the study of resource base and the impact of the economy upon settlement, agriculture, transportation, and industrial growth in Asian countries and regions.

ASPA 305
Economic and Political Issues in Contemporary Asia
3 Semester Hours

This course covers various issues that contemporary Asia, the most politically, economically, and socially dynamic region in the world today, is facing. Some of the issues to be dealt with are: economic uncertainties in Asian nations, population, human rights, reunification, and others.

ASPA 386
Introduction to Asian Literature
3 Semester Hours

An introductory course in Asian literature from China, Japan, and India. Various literary genres such as poetry, fiction, diary, biographies, and drama and their relation to the Asian literary tradition will be examined.

ASPA 398
Special Studies
1-3 Semester Hours

ASPA 399
Independent Studies
1-3 Semester Hours

ASPA 486
Topics in Asian Literature
3 Semester Hours

The subject matter of this course will vary from semester to semester.

ASPA 487
Asian Mythology
3 Semester Hours

This class will examine mythology and folktales from various Asian traditions: China, Japan, Korea, and India. The reading materials will be examined through psychological, philosophical, and cultural approaches. The topics for discussion include creation myths, heaven and hell, the mythic hero, metamorphosis, and immortality.

ASPA 488
Modern Asian Fiction
3 Semester Hours

This course examines twentieth-century Chinese and Japanese fiction through the study of novels, short stories, novellas, biographies, diaries, and film. The class will also study major literary trends and movements.

ASPA 489
Women in Asian Literature
3 Semester Hours

This course is a cross-cultural study of Asian women through the analysis of literary works including drama, fiction, and diaries in both classical and modern literature in China, Japan, Korea, and India. The class will examine patterns of sexism, women as literary subjects and personae, as well as images of women in various sociosexual roles.

ASPA 490**Asian Women Writers***3 Semester Hours*

This is a cross-cultural study of Asian women writers through the readings of poetry, short stories, autobiographies, diaries, and novels. Most readings are derived from contemporary female writers from China, Japan, Korea, Hong Kong, Taiwan, and the United States.

ASPA 498**Special Studies***1-3 Semester Hours***ASPA 499****Independent Studies***1-3 Semester Hours***ASPA 500****Senior Integrating Seminar***3 Semester Hours*

This requirement enables the students to integrate their work in Asian and Pacific Studies. The actual content of the course will depend on the student's chosen focus. Students write a senior thesis under the guidance of a faculty member. The thesis, while focused on a particular topic, is intended to be interdisciplinary.

Upper Division Electives**Bellarmino College of Liberal Arts:**

APAM 371	Asian American Literature
APAM 417	Contemporary Issues of Asian Pacific Americans
APAM 427	Asian American Psychology
HIST 482	Imperial China
HIST 483	Modern China
HIST 484	Age of Samurai
HIST 485	Twentieth-Century Japan
HIST 580	Seminar in Asian History
PHIL 364	Asian Philosophy
PHIL 365	Chinese Philosophy
POLS 355	Politics of Asia
SOCL 375	Hawaii and the Pacific Islands
THST 382	Religions of India
THST 384	Religions of East Asia
THST 385	Buddhism
THST 480	Topics in Comparative Theology

College of Communication and Fine Arts:

ARHS 320	The Arts of Islam
ARHS 321	Arts of Asia: Zen
ARHS 420	Arts of Early India
ARHS 421	Arts of Later India
ARHS 425	Arts of China
ARHS 428	Arts of Japan
DANC 371	Martial Arts (2 semester hours)
DANC 372	Martial Arts in China (2 semester hours)
DANC 374	Yoga (2 semester hours)
MUSC 403	Music of Indonesia
MUSC 404	Music of India
MUSC 454	World Music: Small Ensemble
MUSC 455	World Music: Large Ensemble
THEA 348	Asian Spirit in Drama

College of Business Administration:

FNCE 442	Multinationals and the Third World
INBA 340	Intro. to International Business
TOUR 381	Travel and Tourism Internship
TOUR 382	Marketing Travel and Tourism
TOUR 384	Financial Management in Travel & Tourism
TOUR 484	Eco-Tourism

Credit is contingent upon substantial work on Asia and/or the Pacific. Check for course prerequisites or requirements.

Additionally, courses in BLAW, ECON, FNCE, MGMT, MRKT, and POLS with an international focus and courses in DANC, ENGL, and MUSC with a world focus and that have substantial work on Asia and/or the Pacific may fulfill upper division hours in the major or minor. Please consult with the Director.

In all cases, check for course prerequisites or requirements.

Asian Pacific American Studies

Director

Edward Park

Faculty

Associate Professor: Edward Park

Objectives

Asian Pacific American Studies (APAM) is a program that supports Loyola Marymount's commitment to multicultural education. APAM grew out of the Asian Pacific Studies Program (ASPA) in 1992. While ASPA focuses on the traditions and cultures of Asia and the Pacific, APAM is designed to enhance student understanding of the history and contemporary issues that impact the lives of Asian Pacific Americans in the United States. A minor in APAM is available at LMU.

People of all races and ethnicities are encouraged to enroll in APAM courses. Only through a critical understanding of our multicultural society can we begin to "live together, learn together, work together, and forge new ties that bind together."

Asian Pacific American Studies Student Learning Outcomes

- A greater understanding of the historical contributions of Asian Pacific Americans
- A more critical understanding of contemporary issues facing the Asian Pacific American communities
- A deeper appreciation of the ethnic, class, gender, and generation diversity of Asian Pacific Americans
- A greater appreciation of Asian Pacific American cultural, literary, and artistic expressions

APAM Minor Requirements

18 semester hours

APAM 117

APAM 500

APAM Upper Division (12 semester hours required)

Note: Other courses may be approved with the consent of the Director.

APAM 117

Introduction to Asian Pacific American Studies

3 Semester Hours

An introductory course which surveys the cultures and histories of the Asian Pacific American in the U.S. Interaction among various Asian Pacific American groups and various issues facing Asian Pacific Americans in the United States will also be discussed.

Fulfills core curriculum requirement for Social Sciences.

APAM 198

Special Studies

1-3 Semester Hours

APAM 199

Independent Studies

1-3 Semester Hours

APAM 298

Special Studies

1-3 Semester Hours

APAM 299

Independent Studies

1-3 Semester Hours

APAM 371

Asian American Literature

3 Semester Hours

A survey of Asian Pacific American writers and their literature, using critical analysis of autobiographies, short stories, novels, poetry, essays, and films.

APAM 398

Special Studies

1-3 Semester Hours

APAM 399

Independent Studies

1-3 Semester Hours

APAM 417

Contemporary Issues of Asian Pacific Americans

3 Semester Hours

Topical studies of timely and pertinent contemporary interest involving Asian Americans in the U.S. Focus will change from year to year.

APAM 427

Asian American Psychology

3 Semester Hours

Coverage of major psychological issues relevant to Asian American personality, identity, and mental health, including acculturation, stereotypes, racial identity, intergenerational conflict, etc.

APAM 435**Asian Pacific American Women's Experience***3 Semester Hours*

An interdisciplinary and comparative examination of the histories and experiences of Asian Pacific American women. Topics include social and economic inequality, literary and cultural representation, and political and community activism.

APAM 437**Asian Pacific Americans and the American Law***3 Semester Hours*

An examination of constitutional, immigration, and civil rights laws and their impact on the Asian Pacific American experience. Analysis of historical court cases and legislation, including those pertaining to citizenship, exclusion, and World War II internment. Study of contemporary legal issues in Asian Pacific American communities.

APAM 450**Specific Ethnic Focus Seminars***3 Semester Hours*

An in-depth examination of the experience of a single Asian American subgroup. Populations covered will vary.

APAM 453**Filipino American Experience***3 Semester Hours*

Comprehensive introduction to the Filipino American experience. Historical analysis of U.S. colonialism and the experiences of Filipino Americans as "American Nationals." Review of contemporary issues such as immigration patterns, community formation, and family dynamics. In-depth study of Filipino Americans in Los Angeles and Southern California.

APAM 457**Vietnamese American Experience***3 Semester Hours*

Comprehensive introduction to the Vietnamese American experience. Review of Southeast Asian politics during the Cold War with emphasis on U.S. policies in Vietnam. Review of contemporary issues in the Vietnamese American community including economic integration, political mobilization, and community and family dynamics. In-depth study of the social and cultural life of Vietnamese Americans in Los Angeles and California.

APAM 459**Pacific Islander American Experience***3 Semester Hours*

Comprehensive study of the Pacific Islander American experience, including the history and culture of Pacific Islands, especially Hawaii, and contemporary issues facing the Pacific Islander American communities, particularly in Southern California.

APAM 478**Comparative Study of Asian Pacific American History***3 Semester Hours*

Traces the many-faceted histories of Asian Americans and Pacific Islanders from cross-cultural and transnational perspectives, focusing on interactions and exchanges between Asian Pacific Americans and various ethnic and racial groups.

APAM 498**Special Studies***1-3 Semester Hours*

APAM 499**Independent Studies***1-3 Semester Hours*

APAM 500**Capstone Course***3 Semester Hours*

A mandatory course that provides APAM minors with the opportunity to create an individualized thesis project that draws on knowledge and experiences gained from previous coursework in APAM studies. Specific requirements will be finalized based on research interest. Prerequisite: Completion of all other APAM requirements.

The Bioethics Institute

Faculty

Chairperson: James J. Walter

Professor: James J. Walter (O'Malley Chair)

Assistant Professor: Roberto Dell'Oro

Adjunct Professor: Michael B. Pesce

The Bioethics Institute is a graduate department within the Bellarmine College of Liberal Arts. The faculty teach not only graduate courses within the College but also offer courses in bioethics at the undergraduate level through the Department of Theological Studies. Please consult the course listings of that department for further details.

Catholic Studies

Director: José Ignacio Badenes, S.J.

Objectives

Catholic Studies is an interdisciplinary minor program designed to expose students to the study of the intellectual, social, cultural, and spiritual expressions of Catholicism. It is grounded in Vatican II's discussion of the Church in the modern world, with its focus on human culture, dignity, and justice. On the one hand, Catholic Studies' interdisciplinary nature mirrors the complex diversity that is Catholicism, as it intersects and interacts with history and culture. On the other hand, its intellectual and academic focus gives it purpose and direction as a program intent on studying, exploring, critiquing, and understanding the relationship between faith and culture. Therefore, it welcomes students and professors from any religious background and/or faith commitment and viewpoints.

Catholic Studies' students pursue such issues as the influence of Catholicism upon the development of philosophy and the arts; the relationship between Catholicism and the history of world civilizations; the intellectual and ethical issues raised by the interactions of theology, science, and modern culture; Catholic social thought and practice; and the theological foundations of Catholicism. In addition, it offers students opportunities to explore the Ignatian tradition that grounds LMU's founding orders, the Society of Jesus and the Religious of the Sacred Heart of Mary. Moreover, it also makes available opportunities for community service and spiritual activities, expressions of the University's commitment to a faith that does justice. Catholic Studies celebrates Catholicism as a living heritage.

Faculty from a number of LMU's departments, school, and colleges teach courses crosslisted with Catholic Studies.

Catholic Studies Student Learning Outcomes

1. Students minoring in Catholic Studies will be given opportunities to learn about Catholicism as an intellectual, social, spiritual, and cultural tradition within the history of ideas.
2. Students minoring in Catholic Studies will be given opportunities to develop
 - a) their ability to do scholarly work on various topics having to do with Catholicism, ranging from theology and philosophy to the creative and critical arts, the humanities, business, and the social and natural sciences
 - b) their ability to appreciate and evaluate Catholic contributions to and expressions in all fields of learning

c) their ability to make connections among the many disciplines focusing on Catholicism

3. Student minoring in Catholic Studies will be encouraged to examine and value the distinctive contribution of Catholicism to world civilization.
4. Student minoring in Catholic Studies will be able to draw on their own experience and insights to further their self-reflection.

CATH Minor Requirements

The Catholic Studies minor program consists of 18 semester hours structured as follows:

- A. Foundational course: CATH/THS 122: Theological Foundations of Catholicism (3 semester hours).
- B. Faith and Culture (3 semester hours upper division): One course that explores Catholicism as an intellectual, social, spiritual, and/or cultural tradition within the history of ideas.
- C. Critical/Creative Arts (3 semester hours upper division): One course that critically explores the interplay between Catholicism and the arts or one course that allows students to explore and express Catholic faith creatively.
- D. Additional CATH (6 semester hours upper division).
- E. Capstone: CATH 490: Seminar in Catholic Studies (3 semester hours).

A service-learning course with a Catholic focus would replace any one course from the Faith and Culture and Creative/Critical Arts categories.

Area 1: Foundations

CATH 122
Theological Foundations of Catholicism
 (See *THST 122*)

Area 2: Faith and Culture

CATH 310
Guadalupe: Queen of the Americas
 (See *CHST 310*)

CATH 390
Body, Desire, and Catholic Spirituality
 (See *FLNT 390*)

CATH 428
Spanish Philosophy
 (See *PHIL 428*)

Area 3: Creative/Critical Arts

CATH 316
Music History: Antiquity to 1600
 (See *MUSC 316*)

CATH 381

To Dance Is Human: Dance, Culture, and Society
(See *DANC 381*)

CATH 410

Renaissance Art
(See *ART 410*)

CATH 413

Baroque Art
(See *ART 413*)

Area 4: Additional Cross-listed Courses

CATH 302

Prophecy and Social Justice
(See *THST 302*)

CATH 305

The Four Gospels
(See *THST 305*)

CATH 314

Authority and Resistance in Medieval Europe
(See *HIST 314*)

CATH 320

History of Christianity I
(See *THST 320*)

CATH 321

History of Christianity II
(See *THST 321*)

CATH 326

Ethics of Love and Marriage
(See *PHIL 326*)

CATH 345

Catholic Church Today and Tomorrow
(See *THST 345*)

CATH 350

Foundations of Christian Spirituality
(See *THST 350*)

CATH 361

Philosophy of God
(See *PHIL 361*)

CATH 362

Philosophy and Christianity
(See *PHIL 362*)

CATH 363

Christian Marriage and Sexuality
(See *THST 363*)

CATH 366

Philosophy of Religion
(See *PHIL 366*)

CATH 382

Philosophy in Late Antiquity
(See *PHIL 382*)

CATH 383

Medieval Philosophy
(See *PHIL 383*)

CATH 408

Imperial Rome
(See *HIST 408*)

CATH 410

History of the Byzantine Empire
(See *HIST 410*)

CATH 411

The Rise of Medieval Europe
(See *HIST 411*)

CATH 412

The Transformations of Medieval Europe
(See *HIST 412*)

CATH 418

From Viking to Crusader
(See *HIST 418*)

CATH 422

Age of the Reformation
(See *HIST 422*)

CATH 423

Phenomenology
(See *PHIL 423*)

CATH 451

Major Thinkers
(See *PHIL 451*)

Area 5: Capstone

CATH 490

Seminar in Catholic Studies
3 Semester Hours

The capstone seminar in Catholic Studies explores the relationship between Catholicism and culture organized around a central theme. This interdisciplinary course provides an opportunity for students to synthesize their Catholic Studies courses.

Chicana/o Studies

Faculty

Chairperson: Deena J. González
 Professor: Deena J. González
 Associate Professors: Karen Mary Davalos,
 Fernando J. Guerra
 Assistant Professor: "Sonny" Richard E. Espinoza

Objectives

The interdisciplinary Chicana/o Studies curriculum is designed to enhance student understanding of the unique influence of the Chicano/Latino community in the United States. It is the belief of the Department that a liberal arts education should expose students to as many cultures and perspectives as possible. This exposure emphasizes the following aspects of the goals of the University: the encouragement of learning, the education of the whole person, the service of faith, and the promotion of justice. The goals of Chicana/o Studies have a special meaning given the significant historical and contemporary presence of Mexican and Chicana/o peoples in Los Angeles. Chicana/o Studies courses attempt to prepare all students to live in and contribute to a society which is increasingly diverse.

Chicana/o Studies Student Learning Outcomes

At the end of a course of study, in the major or minor in Chicana/o Studies, students will be able to:

- Interpret, define, and evaluate historical and contemporary information about Mexican-origin people living in the U.S.;
- Use and apply humanistic, scientific, and/or social science methods to arrive at understandings about Chicana/os;
- Compare and contrast recent theories, methodologies, ideas, and developments central to the discipline of Chicana/o Studies.

Major Requirements

Lower Division Requirements:

9 semester hours

CHST 116
 CHST 126
 CHST 206

Upper Division Requirements:

24 semester hours: 12 semester hours in upper division requirements (CHST 302 or 404, 332, 360, and 461) and 12 semester hours in Chicana/o Studies upper division electives.

Minor Requirements

18 semester hours: CHST 116, 206, 302 or 404, 360, 461, and one additional Chicana/o Studies upper division course.

Chicana/o Studies Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
	AMCS 100	Intro to American Cultures 3
or	AMCS 161	Young America, 1607-1900 (3)
	CHST 116	Intro to Chicana/o Studies 3
	ENGL 110	College Writing 3
or	HIST ____	University Core 3
or	PHIL 160	Phil. of Human Nature (3)
or	THST ____	University Core (3)
	MATH ____	University Core 3
		15

<i>Spring Semester</i>		S.H.
	CHST 126	Chicana/o Cultural Production 3
	HIST 172	Modern Latin America 3
or	PHIL 160	Phil. of Human Nature 3
or	THST ____	University Core (3)
	____ ____	Critical/Creative Arts Core 3
	____ ____	Literature Core..... 3
	____ ____	Social Science Core..... 3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.	
CHST 206	Intro to Chic/Lat Literature	3	
or HIST ____	University Core	3	
or PHIL 160	Phil. of Human Nature	(3)	
THST ____	University Core	(3)	
____ ____	CMST/Crit Thinking Core.....	3	
____ ____	Social Science Core.....	3	
____ ____	Elective.....	3	
		15	

<i>Spring Semester</i>		S.H.	
or HIST ____	University Core	3	
or PHIL 160	Phil. of Human Nature	(3)	
THST ____	University Core	(3)	
____ ____	Critical/Creative Arts Core	3	
____ ____	Science Core	3	
____ ____	Elective.....	3	
____ ____	Elective.....	3	
		15	

Junior Year

<i>Fall Semester</i>		S.H.	
CHST 302	Chicanas & Other Latinas.....	3	
or CHST 404	Chicana & 3rd World Feminisms....	(3)	
CHST 360	Chicana/o History	3	
or PHIL ____	Upper Division PHIL.....	3	
THST ____	Upper Division THST.....	(3)	
____ ____	Upper Division Elective.....	3	
____ ____	Elective.....	3	
		15	

<i>Spring Semester</i>		S.H.	
CHST 332	Survey Chic./Lat. Literature	3	
CHST ____	CHST Upper Division.....	3	
or PHIL ____	Upper Division PHIL.....	3	
THST ____	Upper Division THST.....	(3)	
____ ____	Upper Division Elective.....	3	
____ ____	Elective.....	3	
		15	

Senior Year

<i>Fall Semester</i>		S.H.	
CHST ____	CHST Upper Division.....	3	
CHST ____	CHST Upper Division.....	3	
____ ____	Upper Division Elective.....	3	
____ ____	Upper Division Elective.....	3	
____ ____	Elective.....	3	
		15	

<i>Spring Semester</i>		S.H.	
CHST 461	Chicana/o Research Seminar	3	
CHST ____	CHST Upper Division.....	3	
____ ____	Upper Division Elective.....	3	
____ ____	Elective.....	3	
____ ____	Elective.....	3	
		15	

Students may take no more than ten upper division courses in any one department, except for Philosophy, in which the maximum is thirteen.

CHST 116
Introduction to Chicana/o Studies
3 Semester Hours

An interdisciplinary overview of Chicana/o Studies to familiarize the student with historical and contemporary issues in Chicana/o and Latina/o communities.

CHST 126
Chicana/o Cultural Production
3 Semester Hours

Examines contemporary Chicana/o cultural production, including performance, film, and art. Comparisons are made to other ethnic groups and crosscultural production.

CHST 198
Special Studies
1-3 Semester Hours

CHST 199
Independent Studies
1-3 Semester Hours

CHST 206
Introduction to Chicana/o-Latina/o Literature
3 Semester Hours

An overview of a range of genres, themes, and concepts created by Chicana/o and other U.S. Latina/o writers.

CHST 298
Special Studies
1-3 Semester Hours

CHST 299
Independent Studies
1-3 Semester Hours

CHST 302
Chicanas and Other Latinas in the U.S.
3 Semester Hours

Analysis of the historical, social, and cultural variables that have conditioned the roles of Chicanas and Latinas in the U.S.

CHST 306
Chicana/o Popular Culture
3 Semester Hours

Surveys Chicano/a popular culture and critically examines the content, styles, and meanings of religious rituals, sports, music, graffiti, murals, and theater arts.

CHST 308
Contemporary Urban Chicana/o and Other Latina/o Issues
3 Semester Hours

Using service learning in Los Angeles, the course helps students understand how the lives of Chicanas/os and Latinos/as are shaped by politics, economics, culture, history, and access to nation-state institutions.

CHST 310
Guadalupe, Queen of the Américas
3 Semester Hours

The course investigates the Virgin of Guadalupe's religious, cultural, and artistic significance among Mexicans and Mexican Americans in the United States. It uses interdisciplinary methods to examine Latino theology, the faith-practices and devotions to Guadalupe, and contemporary visual arts.

CHST 332
Survey of Chicana/o-Latina/o Literature
3 Semester Hours

A course to acquaint students with prose, poetry, drama, essay, and literary criticism written by Chicana/o-Latina/o authors.

CHST 337
Racial and Ethnic Politics
3 Semester Hours

Comparative analysis of racial and ethnic groups within the United States political system. A focus on the effect of political institutions on minority groups at federal, state, and local levels. Examines the experience of minority groups to illuminate political process in the U.S.

(See *POLS 337*)

CHST 360
Chicana/o History
3 Semester Hours

An analytical survey of Native America, Mexican America, and the recent past with a focus on race, ethnicity, sexuality, and class.

CHST 366
History of California
3 Semester Hours

(See *HIST 366*)

CHST 372
History of Mexico
3 Semester Hours

(See *HIST 372*)

CHST 398
Special Studies
1-3 Semester Hours

CHST 399
Independent Studies
1-3 Semester Hours

CHST 404
Chicana and Third World Feminisms
3 Semester Hours

Focuses on current writings by Chicana feminists and connects this material to African American and Asian American feminist theory. The course traces the development of Chicana feminism and its concern with the interlocking conditions of gender, race, sexuality, and class.

CHST 406
Chicana/o Conciencia
3 Semester Hours

Surveys through literature and critical theory a Chicana/o form of conciencia, Spanish for "consciousness."

CHST 407**Chicana/o Art: Performing Politics***3 Semester Hours*

A historical and social investigation of Chicana/o art and the politics of identity and museum practices, including exhibition, collection, interpretation, and preservation. The course includes options for curating a virtual art gallery and field trips.

CHST 435**The Politics of California***1-3 Semester Hours*

An examination of the structure and dynamics of California government and politics.

*(See POLS 435)***CHST 436****The Politics of Los Angeles***3 Semester Hours*

A study of the structure and dynamics of county, city, and special district governments in the Los Angeles metropolitan area.

*(See POLS 436)***CHST 437****Chicana/o Politics***3 Semester Hours*

A study of the social and political development of the Chicano community in the United States.

*(See POLS 437)***CHST 460****The Chicana/o Southwest***3 Semester Hours*

An examination of the historical and contemporary issues shaping this important region of the U.S. Attention to indigenous communities, women, and current political issues.

CHST 461**Chicana/o Research Seminar***3 Semester Hours*

A seminar and practicum using the research tools of social scientists and humanists, including oral interviews and primary documents to explore Mexican/American, Chicana/o Los Angeles. The collections of the Center for the Study of Los Angeles assist the topics students explore.

CHST 465**Chicana/os-Latina/os in Film and Mass Media***3 Semester Hours*

An examination of film and other forms of mass media, focusing on issues of representation as well as production. Subject matter alternates between Chicano cinema and Mexican/Latin American cinema.

CHST 498**Special Studies***1-3 Semester Hours***CHST 499****Independent Studies***1-3 Semester Hours***Recommended Electives**

For the purpose of providing our majors and minors with a broader perspective, the Department recommends courses in American Cultures Studies that include a Latino component, as well as the following courses:

GEOG	361	Geog. of Mexico & Central America
HIST	172	Modern Latin America
HIST	367	History of Los Angeles
POLS	354	Politics of Latin America
PSYC	324	Ethnopsychology
SOCL	334	Race and Ethnic Relations
SOCL	336	Social Stratification
SPAN	441	Latin American Novel
SPAN	442	Latin American Poetry
SPAN	443	Latin American Women Writers
SPAN	444	Latin American Drama
THST	346	The Latino Exp. in the U.S. Church

Classics and Archaeology

Faculty

Chairperson: Matthew Dillon
 Professors: Matthew Dillon, William J. Fulco, S.J.,
 Robert B. Lawton, S.J.
 Associate Professor: Katerina Zacharia
 Assistant Professor: Ethan Adams

Objectives

The study of Greek and Latin language and literature, the foundation of the Western humanistic and scientific traditions, offers the student a well-rounded liberal arts education. It is also a practical study. The student receives an excellent preparation not only for the graduate study of Classics, Theology, or Comparative Literature but also for professional school in law, medicine, or business.

Classics and Archaeology Student Learning Outcomes

As a Classics major, the student will:

- Master the grammar and syntax of Classical Greek and Latin;
- Be able to read and analyze Classical authors in the original;
- Value the lasting influence of Greco-Roman literature from antiquity to the present.

As a Classical Civilizations major, the student will:

- Know numerous aspects of Ancient Mediterranean and Near Eastern culture, including language (optional, but recommended); literature, in the original or in translation; art; history; archaeology;
- Be able to express with elegant language ideas and arguments about these cultures;
- Value the lasting influence of these cultures from antiquity to the present.

As a Greek major, the student will:

- Master the grammar and syntax of Classical Greek;
- Be able to read and analyze Greek authors in the original;
- Value the lasting influence of Greek literature from antiquity to the present.

As a Latin major, the student will:

- Master the grammar and syntax of Classical Latin;
- Be able to read and analyze Latin authors in the original;
- Value the lasting influence of Roman literature from antiquity to the present.

Major Programs

The Department of Classics and Archaeology offers a variety of majors: Classics, Greek, Latin, and Classical Civilizations. The Classics major offers a traditional training in both Greek and Latin language and literature (in the original), although students may opt to major exclusively in Greek or Latin. The Classical Civilizations major allows the student to study the cultures of Greece, Rome, and the Near East from various cultural perspectives in conjunction with other departments; in this major, language study is encouraged but not required.

Classics Major: Requirements

Lower Division (18 semester hours):

LATN 101, 102, and 201.
 GREK 101, 102, and 201.

These requirements may be waived if the student has received prior language sufficient for entry into upper division courses.

Note: It is recommended that Classics majors take HIST 100 as part of the University Core.

Upper Division Requirements (24 semester hours):

LATN 302 and GREK 302

These requirements may be waived if the student has received prior language sufficient for entry into higher level upper division courses. A total of 24 upper division units is still required for the major.

GREK 303 or LATN 303

GREK 311

LATN 312

LATN 321

and one additional upper division course in GREK or LATN.

In certain circumstances, upper division Classical Civilization courses may be substituted for upper division Latin or Greek, at the discretion of the Chairperson of the Department.

Graduation with Honors: an additional 3 semester hours

In addition to the program above, a student wishing to graduate with honors in Classics must complete CLCV 500: Senior Thesis. See below.

Classics Minor: Requirements

18 semester hours, at least 9 in upper division. All courses must be in Greek and/or Latin Language and Literature. Students who test out of lower division language courses will fulfill 18 semester hours in the upper division.

Upper Division Requirements:

GREK 303 or LATN 303
GREK 311 or LATN 312

Classical Civilizations Major: Requirements

The Classical Civilizations major is an interdisciplinary program focusing on the classical civilizations of Greece, Rome, and the Near East through the study of literature, history, archaeology, art history, philosophy, theatre, and theology. Greek and/or Latin language study is encouraged but not required.

The Classical Civilizations major consists of 39 semester hours, at least 24 of which must be in upper division courses emphasizing Greek, Roman, or Near Eastern civilization. The study of the Greek and/or Latin language is highly recommended.

Lower Division Requirements (9 semester hours):

CLCV 200
CLCV 210 or CLCV 220
CLCV 230

Note: It is recommended that HIST 100 be taken as the core class in Western Civilization.

Upper Division Requirements (24 semester hours):

CLCV 305
CLCV 451
ARCH 361 or ARCH 364 or ARCH 401

The remaining 15 semester hours may be elected from any upper division CLCV, LATN, GREK, and ARCH offerings. In addition, the following courses may be taken as part of the Classical Civilizations major, with the approval of the Director of the major:

HIST 405, 406, 407, 408, 410, 411
PHIL 381, 382
THEA 331
THST 320

Graduation with Honors: an additional 3 semester hours

In addition to the program above, a student wishing to graduate with honors in Classical Civilizations must complete CLCV 500: Senior Thesis. See below.

Classical Civilizations Minor: Requirements

18 semester hours, at least 9 in the upper division.

Lower Division Requirement:

CLCV 200 or CLCV 210

Upper Division Requirement:

CLCV 451

Greek Major: Requirements

Lower Division:

GREK 101, 102, 201;

Note: These requirements may be waived if the student has received prior language sufficient for entry into upper division courses.

Upper Division (24 semester hours):

GREK 302

Note: This requirement may be waived if the student has received prior language sufficient for entry into higher level upper division courses. A total of 24 upper division semester hours is still required for the major.

GREK 303

GREK 311

GREK 312

GREK 321 or GREK 322

and an additional 9 semester hours of upper division GREK

Graduation with Honors: an additional 3 semester hours

In addition to the program above, a student wishing to graduate with honors in Greek must complete CLCV 500: Senior Thesis. See below.

Greek Minor: Requirements

18 semester hours, at least 9 in the upper division.

Lower Division Requirements:

GREK 101, 102, 201

Note: Students who test out of lower division language courses will fulfill 18 semester hours of upper division work in Greek language and literature.

Upper Division Requirements:

- GREK 302 or 303
- GREK 311 or 312
- GREK 321 or 322

Latin Major: Requirements

Lower Division Requirements:

LATN 101, 102, 201
 Note: These requirements may be waived if the student has received prior language sufficient for entry into upper division courses.

Upper Division Requirements (24 semester hours):

LATN 302
 Note: This requirement may be waived if the student has received prior language sufficient for entry into higher level upper division courses. A total of 24 upper division semester hours is still required for the major.

- LATN 303
- LATN 311
- LATN 312
- LATN 321
- and an additional 9 semester hours of upper division LATN

Graduation with Honors: an additional 3 semester hours

In addition to the program above, a student wishing to graduate with honors in Latin must complete CLCV 500: Senior Thesis. See below.

Latin Minor: Requirements

18 semester hours, at least 9 in the upper division.

Lower Division Requirements:

LATN 101, 102, 201
 Note: Students who test out of lower division language courses will fulfill 18 semester hours of upper division work in Latin language and literature.

Upper Division Requirements:

- LATN 302 or 303
- LATN 312
- LATN 321

Graduation with Honors: CLCV 500: Senior Thesis

For Graduation with Honors in Classics, Classical Civilizations, Latin, or Greek, the student must have a minimum GPA of 3.3 within the major, enroll in CLCV 500: Senior Thesis, and receive at least a grade of B+ (3.3) on that project. A thesis prospectus must be approved in the previous semester by the faculty member who will oversee the project.

Archaeology Minor: Requirements

The minor in Archaeology consists of ARCH 401 and 15 additional semester hours, of which 6 may be in courses in an appropriate Mediterranean language (e.g., ancient or modern Greek, Latin, Hebrew, or Arabic, or a Romance language if it is relevant to a particular archaeological emphasis).

For the minor in Modern Greek Studies, see below.

Classics Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>	S.H.
or AMCS 100 Intro to American Cultures	3
AMCS 161 Young America, 1607-1900	(3)
ENGL 110 College Writing	3
HIST 100 Found. West. Civ. to 1500	3
LATN 101 Elementary Latin I.....	3
MATH ____ University Core	3
	15

<i>Spring Semester</i>		S.H.
LATN 102	Elementary Latin II.....	3
or HIST ___	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
THST ___	University Core	(3)
___ ___	Critical/Creative Arts Core	3
___ ___	Literature Core.....	3
___ ___	Social Science Core.....	3
		15

<i>Spring Semester</i>		S.H.
GREK 302	Reading Comprehension	3
LATN 321	Cicero.....	3
or PHIL ___	Upper Division PHIL.....	3
THST ___	Upper Division THST.....	(3)
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
GREK 101	Elementary Greek I	3
LATN 201	Intermediate Latin.....	3
or HIST ___	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
THST ___	University Core	(3)
___ ___	CMST/Crit Thinking Core.....	3
___ ___	Social Science Core.....	3
		15

<i>Fall Semester</i>		S.H.
GREK 311	Homer.....	3
LATN 303	Latin Prose Comp & Metrics	3
LATN 311	Horace and Catullus.....	3
___ ___	Upper Division Elective.....	3
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
		15

<i>Spring Semester</i>		S.H.
GREK 102	Elementary Greek II.....	3
LATN 302	Reading Comprehension	3
or HIST ___	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
THST ___	University Core	(3)
___ ___	Critical/Creative Arts Core	3
___ ___	Science Core	3
		15

<i>Spring Semester</i>		S.H.
GREK 312	Readings: Drama	3
___ ___	Upper Division Elective.....	3
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		15

Students may take no more than ten upper division courses in any one department, except for Philosophy, in which the maximum is thirteen.

Junior Year

<i>Fall Semester</i>		S.H.
GREK 201	Intermediate Greek.....	3
LATN 312	Virgil	3
or PHIL ___	Upper Division PHIL.....	3
THST ___	Upper Division THST.....	(3)
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
		15

Classical Civilizations Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
or	AMCS 100 Intro to American Cultures	3
or	AMCS 161 Young America, 1607-1900	(3)
	ENGL 110 College Writing	3
	HIST 100 Found. West. Civ. to 1500	3
	MATH ___ University Core	3
	___ ___ CLCV Lower Div. or Language.....	3
		—
		15

<i>Spring Semester</i>		S.H.
or	HIST ___ University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
or	THST ___ University Core	(3)
	___ ___ CLCV Lower Div. or Language.....	3
	___ ___ Critical/Creative Arts Core	3
	___ ___ Literature Core.....	3
	___ ___ Social Science Core.....	3
		—
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
or	HIST ___ University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
or	THST ___ University Core	(3)
	___ ___ CLCV Lower Div. or Language.....	3
	___ ___ CMST/Crit Thinking Core.....	3
	___ ___ Social Science Core.....	3
	___ ___ Elective.....	3
		—
		15

<i>Spring Semester</i>		S.H.
or	HIST ___ University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
or	THST ___ University Core	(3)
	___ ___ CLCV Lower Div. or Language.....	3
	___ ___ Critical/Creative Arts Core	3
	___ ___ Science Core	3
	___ ___ Elective.....	3
		—
		15

Junior Year

<i>Fall Semester</i>		S.H.
	CLCV 305 Art and Architecture	3
or	PHIL ___ Upper Division PHIL.....	3
or	THST ___ Upper Division THST.....	(3)
	___ ___ CLCV Upper Division.....	3
	___ ___ Upper Division Elective.....	3
	___ ___ Elective.....	3
		—
		15

<i>Spring Semester</i>		S.H.
	CLCV 300 Classical Mythology.....	3
or	PHIL ___ Upper Division PHIL.....	3
or	THST ___ Upper Division THST.....	(3)
	___ ___ CLCV Upper Division.....	3
	___ ___ Upper Division Elective.....	3
	___ ___ Elective.....	3
		—
		15

Senior Year

<i>Fall Semester</i>		S.H.
	ARCH 361 Ancient Near East.....	3
	___ ___ CLCV Upper Division.....	3
	___ ___ Upper Division Elective.....	3
	___ ___ Upper Division Elective.....	3
	___ ___ Elective.....	3
		—
		15

<i>Spring Semester</i>	S.H.
___ ___ CLCV Upper Division	3
___ ___ CLCV Upper Division	3
___ ___ CLCV Upper Division	3
___ ___ Upper Division Elective.....	3
___ ___ Elective.....	3
	15

Students may take no more than ten upper division courses in any one department, except for Philosophy, in which the maximum is thirteen.

Greek Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>	S.H.
or AMCS 100 Intro to American Cultures	3
AMCS 161 Young America, 1607-1900	(3)
ENGL 110 College Writing	3
GREK 101 Elementary Greek I	3
HIST 100 Found. West. Civ. to 1500	3
MATH ___ University Core	3
	15

<i>Spring Semester</i>	S.H.
GREK 102 Elementary Greek II.....	3
or HIST ___ University Core	3
or PHIL 160 Phil. of Human Nature	(3)
THST ___ University Core	(3)
___ ___ Critical/Creative Arts Core	3
___ ___ Literature Core.....	3
___ ___ Social Science Core.....	3
	15

Sophomore Year

<i>Fall Semester</i>	S.H.
GREK 201 Intermediate Greek.....	3
HIST ___ University Core	3
or PHIL 160 Phil. of Human Nature	(3)
or THST ___ University Core	(3)
___ ___ CMST/Crit Thinking Core.....	3
___ ___ Social Science Core.....	3
___ ___ Elective.....	3
	15

<i>Spring Semester</i>	S.H.
GREK 302 Reading Comprehension	3
HIST ___ University Core	3
or PHIL 160 Phil. of Human Nature	(3)
or THST ___ University Core	(3)
___ ___ Critical/Creative Arts Core	3
___ ___ Science Core	3
___ ___ Elective.....	3
	15

Junior Year

<i>Fall Semester</i>	S.H.
GREK 311 Homer.....	3
PHIL ___ Upper Division PHIL.....	3
or THST ___ Upper Division THST.....	(3)
___ ___ Upper Division Elective.....	3
___ ___ Upper Division Elective.....	3
___ ___ Elective.....	3
	15

<i>Spring Semester</i>	S.H.
GREK 321 Readings: History & Oratory	3
or PHIL ___ Upper Division PHIL.....	3
or THST ___ Upper Division THST.....	(3)
___ ___ Upper Division Elective.....	3
___ ___ Upper Division Elective.....	3
___ ___ Elective.....	3
	15

Senior Year

<i>Fall Semester</i>		S.H.
GREK 303	Greek Prose Comp & Metrics	3
GREK 312	Readings: Drama	3
GREK ___	GREK Upper Division	3
___ ___	Upper Division Elective.....	3
___ ___	Upper Division Elective.....	3
		15

<i>Spring Semester</i>		S.H.
GREK 322	Readings: Philosophy	3
GREK ___	GREK Upper Division	3
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		15

Students may take no more than ten upper division courses in any one department, except for Philosophy, in which the maximum is thirteen.

Latin Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
or AMCS 100	Intro to American Cultures	3
AMCS 161	Young America, 1607-1900	(3)
ENGL 110	College Writing	3
HIST 100	Found. West. Civ. to 1500	3
LATN 101	Elementary Latin I.....	3
MATH ___	University Core.....	3
		15

Spring Semester

LATN 102	Elementary Latin II.....	3	S.H.
or HIST ___	University Core	3	
or PHIL 160	Phil. of Human Nature	(3)	
THST ___	University Core	(3)	
___ ___	Critical/Creative Arts Core	3	
___ ___	Literature Core.....	3	
___ ___	Social Science Core.....	3	
			15

Sophomore Year

<i>Fall Semester</i>		S.H.
LATN 201	Intermediate Latin.....	3
or HIST ___	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
THST ___	University Core	(3)
___ ___	CMST/Crit Thinking Core.....	3
___ ___	Social Science Core.....	3
___ ___	Elective.....	3
		15

Spring Semester

LATN 302	Reading Comprehension	3	S.H.
or HIST ___	University Core	3	
or PHIL 160	Phil. of Human Nature	(3)	
THST ___	University Core	(3)	
___ ___	Critical/Creative Arts Core	3	
___ ___	Science Core	3	
___ ___	Elective.....	3	
			15

Junior Year

<i>Fall Semester</i>		S.H.
LATN 312	Virgil	3
or PHIL ___	Upper Division PHIL.....	3
THST ___	Upper Division THST.....	(3)
___ ___	Upper Division Elective.....	3
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
		15

<i>Spring Semester</i>		S.H.
LATN 303	Latin Prose Comp & Metrics	1
LATN 321	Cicero.....	3
or PHIL ___	Upper Division PHIL.....	3
THST ___	Upper Division THST.....	(3)
___ ___	Upper Division Elective.....	3
___ ___	Upper Division Elective.....	3
		15

Senior Year

<i>Fall Semester</i>		S.H.
LATN 311	Horace and Catullus.....	3
LATN ___	LATN Upper Division.....	3
___ ___	Upper Division Elective.....	3
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
		15

<i>Spring Semester</i>		S.H.
LATN 322	Roman Historians	3
LATN ___	LATN Upper Division.....	3
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		15

Students may take no more than ten upper division courses in any one department, except for Philosophy, in which the maximum is thirteen.

Classical Civilizations

The following require no knowledge of the Latin or Greek languages:

CLCV 200
Classical Epic (in Translation)
 3 Semester Hours

The *Iliad*, *Odyssey*, *Argonautica*, and *Aeneid*.

CLCV 201
Elementary Sanskrit
 3 Semester Hours

The fundamentals of Sanskrit; exercises in reading. Sanskrit is the primary language for the Hindu and Buddhist traditions and the oldest surviving member of the Indo-European language group. Students learn the Devanagari script, basic vocabulary, rules for sound combination (sandhi), and foundational grammar.

CLCV 202
Intermediate Sanskrit
 3 Semester Hours

A continuation of CLCV 201. This course continues the study of Sanskrit grammar, and reading includes passages from such texts as the *Yoga Sutra*, the *Bhagavad Gita*, and the *Ramayana*.

CLCV 210
Greek Tragedy (in Translation)
 3 Semester Hours

The plays of Aeschylus, Sophocles, and Euripides.

CLCV 220
Ancient Comedy (in Translation)
 3 Semester Hours

The plays of Aristophanes, Menander, Plautus, and Terence.

CLCV 230
Ancient Historians (in Translation)
 3 Semester Hours

The works of Herodotus, Thucydides, Livy, and Tacitus.

CLCV 298
Special Studies
 1-3 Semester Hours

CLCV 299
Independent Studies
 1-3 Semester Hours

CLCV 304**Art and Architecture of Ancient Greece***3 Semester Hours*

A survey of the significant monuments of art and architecture of ancient Greece, from the Bronze Age to the Hellenistic Period, with an emphasis on form and function in the cultural context.

CLCV 306**Art and Architecture of Ancient Rome***3 Semester Hours*

A survey of the significant monuments of art and architecture of ancient Rome, from the Etruscan period to the Age of Constantine, with an emphasis on form and function in the cultural context.

CLCV 353**Religions of the Greeks and Romans***3 Semester Hours*

Study of the religious practices and beliefs of the Greeks and Romans from the archaic period to the triumph of Christianity.

CLCV 398**Special Studies***1-3 Semester Hours***CLCV 399****Independent Studies***1-3 Semester Hours***CLCV 415****Special Topics in Classical Civilizations***3 Semester Hours*

This course may be repeated for credit.

CLCV 450**The Axial Age***3 Semester Hours*

A study of the philosophy and culture of Eurasia in the 6th and 5th centuries B.C., with special emphasis on the great teachers of the Age: Socrates, Zoroaster, the later Hebrew Prophets, the Buddha, Confucius, and Laozi.

CLCV 451**Myth in Literature***3 Semester Hours*

Study of the basic myths and myth patterns of the Greeks and Romans and their mythological heritage in Western literature.

CLCV 452**Women and Sexuality in Classical Antiquity***3 Semester Hours*

Study of the status and roles of women in classical Greece and Rome, as well as other gender issues.

CLCV 453**Rome and Hollywood***3 Semester Hours*

Study of modern cinematic representations of Roman civilization.

CLCV 454**Greek Cinema***3 Semester Hours*

Study of the reworking of themes from Greek myth and literature in Greek cinema.

CLCV 498**Special Studies***1-3 Semester Hours***CLCV 499****Independent Studies***1-3 Semester Hours***CLCV 500****Senior Thesis***3 Semester Hours*

The topic for the senior thesis will be selected by the student in consultation with a faculty advisor.

Greek

The GREK 101, 102, 201 sequence covers the full grammar and syntax of the Classical language and prepares the student to read and write basic prose. This series requires one additional weekly contact hour for drill and practice.

For Modern Greek, please see below.

GREK 101 Elementary Greek I 3 Semester Hours

The fundamentals of Classical Greek, including three declensions, personal and demonstrative pronouns, adjectives; the omega verb: present, imperfect, future, first aorist, active, and middle-passive; exercises in reading.

GREK 102 Elementary Greek II 3 Semester Hours

A continuation of GREK 101, including second aorist, perfect active, middle-passive; aorist passive; subjunctive; participles; relative pronouns; exercises in reading.

Prerequisite: GREK 101 or equivalent.

GREK 198 Special Studies 1-3 Semester Hours

GREK 199 Independent Studies 1-3 Semester Hours

GREK 201 Intermediate Greek 3 Semester Hours

Grammar review and selections from prose authors.

Prerequisite: GREK 102 or equivalent.

GREK 298 Special Studies 1-3 Semester Hours

GREK 299 Independent Studies 1-3 Semester Hours

GREK 302 Reading Comprehension 3 Semester Hours

In this course we will study excerpts from the historical works of Herodotus and Plato's *Apology of Socrates*.

Prerequisite: GREK 201 or equivalent.

GREK 303 Greek Prose Composition and Metrics 3 Semester Hours

Basic prose composition and study of poetic forms.

Prerequisite: GREK 302 or equivalent.

GREK 311 Readings in Homeric Greek 3 Semester Hours

Readings in the *Iliad* and/or *Odyssey*.

This course may be repeated for credit.

GREK 312 Readings in Classical Greek: Drama 3 Semester Hours

Readings in Greek Tragedy (Aeschylus, Sophocles, Euripides) and/or Comedy (Aristophanes, Menander).

This course may be repeated for credit.

GREK 321 Readings in Classical Greek: History and Oratory 3 Semester Hours

Readings in Herodotus, Thucydides, Xenophon, and/or the orators (Demosthenes, Lysias, etc.).

This course may be repeated for credit.

GREK 322 Readings in Classical Greek: Philosophy 3 Semester Hours

Readings in Plato and/or Aristotle.

This course may be repeated for credit.

GREK 323 The Epistles of Paul 3 Semester Hours

A study of selected epistles, with special attention to koine Greek, historical context, and theological questions.

This course may be repeated for credit.

GREK 331 Readings in Hellenistic Greek 3 Semester Hours

Readings in Greek literature from the 3rd century B.C. to the New Testament.

This course may be repeated for credit.

GREK 398
Special Studies
1-3 Semester Hours

GREK 399
Independent Studies
1-3 Semester Hours

GREK 410
Practicum: Teaching Classical Greek
3 Semester Hours

Practicum in teaching skills for undergraduate elementary Greek class. Topics include planning, presentation, grading, problem solving, and tutoring.

This course may be repeated for credit.

Prerequisite: GREK 302 or equivalent.

GREK 415
Special Topics in Greek Literature
3 Semester Hours

This course may be repeated for credit.

GREK 498
Special Studies
1-3 Semester Hours

GREK 499
Independent Studies
1-3 Semester Hours

Latin

The LATN 101, 102, 201 sequence covers the full grammar and syntax of the Classical language and prepares the student to read and write basic prose. This series requires one additional weekly contact hour for drill and practice.

LATN 101
Elementary Latin I
3 Semester Hours

Basic introduction to grammar and syntax; the first three declensions of Latin nouns; demonstrative and personal pronouns; all four conjugations and all six tenses of Latin verbs (active voice). Translation of simple prose passages.

LATN 102
Elementary Latin II
3 Semester Hours

Continuation of Latin grammar and syntax, covering the last two declensions of nouns; relative pronouns; passive voice and subjunctive mood of verbs; indirect statement; conditions. Translation of more complex prose passages.

Prerequisite: LATN 101 or equivalent.

LATN 198
Special Studies
1-3 Semester Hours

LATN 199
Independent Studies
1-3 Semester Hours

LATN 201
Intermediate Latin
3 Semester Hours

Grammar review and selections from prose authors.

Prerequisite: LATN 102 or equivalent.

LATN 298
Special Studies
1-3 Semester Hours

LATN 299
Independent Studies
1-3 Semester Hours

LATN 302**Reading Comprehension**

3 Semester Hours

We will begin with simple ancient texts and proceed gradually to more challenging items while conducting a comprehensive review of Latin grammar and vocabulary. Class activities will include reading, translation, and written and oral exercises designed to help students internalize the language and/or refresh what they have learned in the past.

Prerequisite: LATN 201 or equivalent.

LATN 303**Latin Prose Composition**

3 Semester Hours

Basic prose composition and study of poetic forms.

Prerequisite: LATN 302 or equivalent.

LATN 311**Horace and Catullus**

3 Semester Hours

A study of the lyric poetry of Horace and/or Catullus, and concentrating on Latin style, metrical variety, literary themes, and historical context.

This course may be repeated for credit.

LATN 312**Virgil**

3 Semester Hours

Readings in the *Eclogues*, *Georgics*, and/or *Aeneid*.

This course may be repeated for credit.

LATN 321**Cicero**

3 Semester Hours

Readings in the orations, philosophical works, and/or letters.

This course may be repeated for credit.

LATN 322**Roman Historians**

3 Semester Hours

Readings in Caesar, Livy, and Tacitus.

This course may be repeated for credit.

LATN 323**Roman Epistolography**

3 Semester Hours

Readings in the letters of Cicero and/or Pliny the Younger.

This course may be repeated for credit.

LATN 324**Latin Prose**

3 Semester Hours

Readings in selected prose authors of the Republic and/or Empire.

This course may be repeated for credit.

LATN 398**Special Studies**

1-3 Semester Hours

LATN 399**Independent Studies**

1-3 Semester Hours

LATN 410**Practicum: Teaching Classical Latin**

3 Semester Hours

Practicum in teaching skills for undergraduate elementary Latin class. Topics include planning, presentation, grading, problem solving, and tutoring.

This course may be repeated for credit.

Prerequisite: LATN 302 or equivalent.

LATN 411**Latin Poetry**

3 Semester Hours

Readings in selected poets of the Republic and/or Empire.

This course may be repeated for credit.

LATN 415**Special Topics in Latin Literature**

3 Semester Hours

This course may be repeated for credit.

LATN 431**Literature of Late Antiquity and the Medieval Period**

3 Semester Hours

Readings in the literature and documents of post-classical Western Europe.

This course may be repeated for credit.

LATN 498
Special Studies
1-3 Semester Hours

LATN 499
Independent Studies
1-3 Semester Hours

Archaeology

ARCH 201
Beginning and Intermediate Classical Hebrew
3 Semester Hours

A concentrated course in Hebrew, with attention paid to its historical development and to comparative phonetics and morphology.

ARCH 298
Special Studies
1-3 Semester Hours

ARCH 299
Independent Studies
1-3 Semester Hours

ARCH 301
Rapid Readings in Classical Hebrew
3 Semester Hours

Selected readings in both prose and poetry.

Prerequisite: ARCH 201 or equivalent.

ARCH 354
Near Eastern Religions
3 Semester Hours

Study of the religions, rituals, and pantheons of ancient Near Eastern societies.

ARCH 361
Ancient Near East
3 Semester Hours

Study of the Near Eastern background of classical civilizations from the Neolithic to the Hellenistic periods.

ARCH 362
Ancient Near Eastern Languages
3 Semester Hours

Study of the languages and writing systems of the ancient Near East, including Sumerian, Babylonian, Egyptian, Hebrew, Aramaic, and Arabic.

ARCH 363
Archaeology and the Bible
3 Semester Hours

Study of selections from the Old or New Testament, combining historical criticism and exegesis with the relevant archaeological data.

This course may be repeated for credit.

ARCH 364

Principles of Archaeology

3 Semester Hours

Modern archaeological methodology, theory, and interpretation.

ARCH 398

Special Studies

1-3 Semester Hours

ARCH 399

Independent Studies

1-3 Semester Hours

ARCH 401

Near Eastern Archaeology

3 Semester Hours

Hands-on study of the archaeology and excavated artifacts of the Levant, from the paleolithic to the Roman periods.

ARCH 402

Mediterranean Archaeological Studies

3 Semester Hours

Study of the archaeology of a specific ancient Mediterranean culture, period, type of artifact, or phenomenon in Egypt, Anatolia, Crete, Greece, Italy, Israel-Palestine, etc.

This course may be repeated for credit.

ARCH 403

Classical Numismatics

3 Semester Hours

Hands-on study of the coinages of ancient Greece, Rome, and the Eastern Mediterranean, with emphasis on archaeology, art history, and monetary origins.

ARCH 404

Egyptology

3 Semester Hours

Study of Egypt from the Neolithic to the Roman period: history, culture, religion, art, language, and literature.

ARCH 405

The Silk Road

3 Semester Hours

A study of the archaeology and history of the Silk Road in NW China.

ARCH 410

Archaeology Field Experience

1-3 Semester Hours

Active participation in archaeological excavations or surveys at Near Eastern, Classical, or selected New World sites.

This course may be repeated for credit.

ARCH 411

Near Eastern Archaeology Lab

1-3 Semester Hours

This course may be repeated for credit.

Prerequisite: ARCH 401 or concurrent enrollment.

ARCH 415

Special Topics in Near Eastern Archaeology

3 Semester Hours

This course may be repeated for credit.

ARCH 498

Special Studies

1-3 Semester Hours

ARCH 499

Independent Studies

1-3 Semester Hours

Modern Greek

Objectives

The Modern Greek Studies Program offers students the opportunity to study Modern Greece—its language, literature, history (from the Byzantine Empire to the present), its Christian Orthodox tradition, and its arts. Modern Greek Studies on the LMU campus may be supplemented by the Summer Study Abroad courses of The Odyssey Program.

Minor Program

The minor in Modern Greek Studies consists of 18 semester hours, of which at least 6 hours must be at the 300 or 400 level. The following distribution is recommended, with the approval of the Director of the minor:

9 semester hours of Modern Greek language instruction;

3-6 semester hours from MDGK 341, 354, 398, 399;

3-6 semester hours from the following: CLCV 200, 210, 220, 230, 402, 451, 452; DANC 390; HIST 410, 450; THST 322; or any course in Ancient Greek (GREK 101-415).

MDGK 100 **Modern Greece** *3 Semester Hours*

Introduction to Modern Greek language, culture, and history.

MDGK 101 **Elementary Modern Greek I** *3 Semester Hours*

An introductory course covering the fundamentals of grammar, syntax, reading skills, and oral expression.

MDGK 102 **Elementary Modern Greek II** *3 Semester Hours*

Continuation of MDGK 101.

MDGK 198 **Special Studies** *1-3 Semester Hours*

MDGK 199 **Independent Studies** *1-3 Semester Hours*

MDGK 203 **Intermediate Modern Greek I** *3 Semester Hours*

Completion of the study of grammar and syntax. This course is designed to help the student improve conversational skills through listening comprehension and class discussion.

MDGK 204 **Intermediate Modern Greek II** *3 Semester Hours*

A course aimed at furthering proficiency through reading, listening comprehension, composition, and discussion.

MDGK 298 **Special Studies** *1-3 Semester Hours*

MDGK 299 **Independent Studies** *1-3 Semester Hours*

MDGK 305 **Art and Architecture of the Ancient World** *3 Semester Hours*

A survey of Greek art from the Neolithic age through the Hellenistic period.

MDGK 321 **Advanced Modern Greek** *3 Semester Hours*

A course designed to enable the students to refine their understanding of the language and enhance their verbal abilities. A reasonable command of Modern Greek is a prerequisite.

MDGK 325 **Advanced Modern Greek Conversation** *3 Semester Hours*

Texts from prose and poetry serve as a basis for advanced discussion and composition.

MDGK 341 **Introduction to Modern Greek Literature (in Translation)** *3 Semester Hours*

Study of the works of Kazantzakis, Cavafy, Seferis, Elytis, and Ritsos.

This course may be repeated for credit.

MDGK 350

Greek Orthodox Tradition

3 Semester Hours

A review of the unbroken dogmatic tradition of the Greek Orthodox Church, her liturgy, and her place in the religious life of the United States.

(See *THST 322*)

MDGK 352

Orthodox Christian Spirituality

3 Semester Hours

The history of the monastic life of the desert fathers and the spiritual tradition of Eastern Christianity will be examined and made relevant to the present-day world.

(See *THST 352*)

MDGK 354

Greek Cinema

3 Semester Hours

Study of the reworking of themes from Greek myth and literature in Greek cinema.

MDGK 398

Special Studies

1-3 Semester Hours

MDGK 399

Independent Studies

1-3 Semester Hours

MDGK 450

Modern Greek History and Society

3 Semester Hours

An examination of the crises and challenges that have shaped Modern Greek society, the transformations that have taken place, and the culture and literature it produced.

MDGK 498

Special Studies

1-3 Semester Hours

MDGK 499

Independent Studies

1-3 Semester Hours

The Basil P. Caloyeras Center also sponsors the following courses with other departments:

CLCV	305	Art and Architecture of the Ancient World
DANC	390	Dances of Greece
HIST	410	History of the Byzantine Empire

Economics

Faculty

Chairperson: James Konow

Professors: James Devine, James Konow, Seid Zekavat

Associate Professors: Joseph E. Earley, Zaki Eusufzai,
Robert Singleton, Renate Thimester

Assistant Professors: Andrew J. Healy,
Dorothea K. Herreiner, Jennifer P. Offenber

Objectives

The study of economics illuminates both the limitations and successes of different systems of the production, distribution, and consumption of material wealth. Because of the economy's importance to the human condition, economic knowledge is useful to many other fields, such as political science, sociology, anthropology, law, and history. It, thus, is as central to a liberal arts education as it is to the business program.

The study of economics involves (1) the development of theories of economic behavior and their application to new problems; (2) the use of statistics and other evidence to test or add content to existing theories; (3) the development of perspective on economic institutions, economic history, and the development of economic philosophy. Students are encouraged to engage in independent research on all of these levels.

The goal of the program is to provide the student with the best preparation for employment in business, government, or secondary education, or for continuation to graduate studies in business, law, or economics, leading to careers in management, banking, finance, law, government, or academia.

Economics Student Learning Outcomes

- Students should demonstrate a solid understanding of modern microeconomics, macroeconomics, and statistics, including the dominant theories of decision-making, markets, and the macro-economy;
- Students should be able to think analytically using both the verbal and quantitative tools commonly employed in economics and to apply those tools to solve both theoretical as well as practical real world problems;
- Students should appreciate the importance of economics in human endeavors and the value of rigorous economic training for evaluating social phenomena; they should understand the ethical concerns that underlie economic policy, including efficiency and equity.

Major Requirements

Students may pursue either a Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) degree. The specific requirements of these degrees are explained below.

Bachelor of Arts (B.A. Economics)

This degree is suitable for pre-law students or those interested in careers in education; urban planning; and federal, state, and local government.

Lower Division Requirements:

Economics requirements (6-9 semester hours): ECON 110 and 120, or 105, and ECON 230 or 235. A grade of at least B- (2.7) is required in each of these courses.

Mathematics requirements (6 to 8 semester hours): The mathematics requirement for economics may be satisfied with one of two plans, Plan A or Plan B:

Plan A: Two courses from MATH 120, 131, 132, and 234. A grade of at least C (2.0) is required in each of these two courses.

Plan B: MATH 111 and 112. A grade of at least B- (2.7) is required in each of these courses.

Students are encouraged to follow Plan A and to take additional mathematics courses beyond these basic requirements in consultation with their economics advisor.

Upper Division Requirements (24 semester hours):

Eight upper division economics courses. Three theory courses are required: ECON 310, 320, and 410. These courses should be taken by the junior year, although well-prepared students can take them in their sophomore year. Five additional upper division economics courses are required, of which at least one must be at the 400 level. No more than 30 semester hours of upper division economics may count toward the degree requirement of 120 hours.

Bachelor of Science (B.S. Economics)

The Bachelor of Science degree is suitable for students who 1) wish to continue to graduate school in economics or business (especially finance), 2) are particularly interested in statistics or forecasting, or 3) are interested in any of the careers mentioned for the B.A. degree but who desire a more quantitative preparation. The B.S. degree has the same requirements as the B.A. degree, except for two upper division economics course requirements. Specifically, the B.S. degree additionally requires Mathematics for Economics (ECON 530) and Econometrics (ECON 532).

Lower Division Requirements:

These requirements are the same as for the B.A. Economics degree. Students pursuing the B.S. Economics degree, however, are strongly advised to follow Plan A for the mathematics requirements and to take additional mathematics courses beyond this sequence in consultation with their economics advisor.

Upper Division Requirements (24 semester hours):

Eight upper division economics courses. In addition to ECON 310, 320, and 410, students are required to take ECON 530 and 532. Three additional upper division economics courses are required, of which at least one must be at the 400 level. No more than 30 semester hours of upper division economics may count toward the degree requirement of 120 hours.

Bachelor of Arts (B.A. Economics) with an International Emphasis

At least eight upper division economics courses are needed for the B.A. degree in Economics with an International emphasis, although students can take up to ten. Six of these courses are required: ECON 310, 320, 410, 470, 471, and 474. ECON 310 and 320 should be taken in the sophomore or junior year, and ECON 410, 470, 471, and 474 should be taken in the junior or senior year. Upper division economics courses must be taken in the LMU Economics Department, except by prior permission of the Chairperson. The B.A. degree with an International emphasis is suitable for students who intend to pursue careers in international agencies of government, NGO, and private corporations doing business in the international arena.

Business and Economics Double Major Requirements

Students with majors in business may also pursue a major in economics by fulfilling the requirements of the B.A. or B.S. track described above. With prior permission of the Department, double majors in Business and Economics may select two upper division Business Administration courses as part of their economics electives.

Minor Requirements

18 semester hours consisting of ECON 110, 120, and four upper division ECON courses, or ECON 105 and five upper division ECON courses. The upper division courses should be chosen in consultation with an economics advisor. A grade of at least B- (2.7) is required in ECON 110 and 120, or 105.

Assessment Tests

All Economics majors are required to take two tests of learning, one at the end of their freshman year, and another at the end of their senior year. These tests do not determine any grade, but they are required for graduation. In addition, students with the highest scores receive an award and cash prizes, which are bestowed at the Department's annual year-end banquet.

Test of Introductory Economics

During the Spring semester, all Economics majors who have taken ECON 105, 110 or 120 during that academic year are required to take a test of learning of introductory economics.

Comprehensive Test of Economics

All Economics majors who will have completed 100 hours or more by the end of the Spring semester are required to enroll in ECON 490. This is a zero unit course, required for graduation, which includes a comprehensive test of economics, a senior exit interview, and possible additional Department evaluation.

Economics Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

	<i>Fall Semester</i>		S.H.
	AMCS 100	Intro to American Cultures	3
or	AMCS 161	Young America, 1607-1900	(3)
	ECON 105	Accelerated Intro Econ.....	3
or	ECON 110	Intro Microeconomics	(3)
	ENGL 110	College Writing	3
	MATH 111	Math. Analysis Business I	3
or	MATH 120	Precalculus Mathematics	(3)
	HIST —	University Core	3
or	PHIL 160	Phil. of Human Nature	(3)
or	THST —	University Core	(3)

<i>Spring Semester</i>		S.H.
or	ECON 120 Intro Macroeconomics	3
	ECON 235 Accelerated Intro Stats..... (3)	
or	MATH 112 Math. Analysis Business II	3
or	MATH 131 Calculus I..... (4)	
or	HIST ___ University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
or	THST ___ University Core	(3)
	___ ___ Critical/Creative Arts Core	3
	___ ___ Literature Core.....	3
	_____	15/16

Sophomore Year

<i>Fall Semester</i>		S.H.
or	ECON 230 Introductory Statistics.....	3
	___ ___ Elective..... (3)	
or	HIST ___ University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
or	THST ___ University Core	(3)
	___ ___ CMST/Crit Thinking Core.....	3
	___ ___ Social Science Core.....	3
	___ ___ Elective.....	3
or	MATH 132 Calculus II..... (4)	
	_____	15/16

<i>Spring Semester</i>		S.H.
or	HIST ___ University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
or	THST ___ University Core	(3)
	___ ___ Critical/Creative Arts Core	3
	___ ___ Science Core	3
	___ ___ Social Science Core.....	3
	___ ___ Elective.....	3
or	MATH 234 Calculus III..... (4)	
	_____	15/16

Junior Year

<i>Fall Semester</i>		S.H.
ECON 310	Inter Microeconomics I	3
ECON ___	ECON Upper Division	3
or	PHIL ___ Upper Division PHIL.....	3
or	THST ___ Upper Division THST..... (3)	
	___ ___ Upper Division Elective.....	3
	___ ___ Elective.....	3
	_____	15

<i>Spring Semester</i>		S.H.
ECON 320	Inter Macroeconomics	3
ECON 410	Inter Microeconomics II	3
or	PHIL ___ Upper Division PHIL.....	3
or	THST ___ Upper Division THST..... (3)	
	___ ___ Upper Division Elective.....	3
	___ ___ Elective.....	3
	_____	15

Senior Year

<i>Fall Semester</i>		S.H.
ECON ___	ECON Upper Division	3
or	ECON ___ ECON Upper Division	3
or	ECON 530 Math for Econ. (B.S.)	(3)
	___ ___ Upper Division Elective.....	3
	___ ___ Upper Division Elective.....	3
	___ ___ Elective.....	3
	_____	15

<i>Spring Semester</i>		S.H.
ECON ___	ECON Upper Division	3
or	ECON ___ ECON Upper Division	3
or	ECON 532 Econometrics (B.S.)	(3)
	___ ___ Upper Division Elective.....	3
	___ ___ Elective.....	3
	___ ___ Elective.....	3
	_____	15

Students may take no more than **ten upper division** courses in Economics.

ECON 100**Economic Literacy***3 Semester Hours*

Overview of microeconomics and macroeconomics, including supply and demand, theory of production and cost, competition, monopoly, inflation, unemployment, and government money and spending policy. Some attention may be given to issues of the history of economic ideas and economic history. Not intended for economics or business majors.

ECON 105**Accelerated Introductory Economics***3 Semester Hours*

Accelerated introduction to both microeconomics and macroeconomics. Supply and demand, elasticity, and theories of production, cost, competition, monopoly, and other market structures. Aggregate supply, aggregate demand and Keynesian Cross analysis, and discussion of GDP, national income, inflation, and unemployment. This course can be taken in lieu of ECON 110 and 120 and substitutes for those courses wherever one or both are stated as prerequisites.

Requirements: A minimum score of 600 on the Mathematics section of the SAT, or of 30 on the LMU Mathematics Placement Examination, or of 4 on the Advanced Placement Macroeconomics examination.

ECON 110**Introductory Microeconomics***3 Semester Hours*

Analysis of behavior of individual economic agents including consumers and firms. Supply and demand, elasticity, theory of production, and cost. Pricing and output decisions under competition, monopoly, and other market forms.

ECON 120**Introductory Macroeconomics***3 Semester Hours*

Analysis of inflation, unemployment, and gross national product. Money and banking, Keynesian and Monetarist economics, government policy toward money supply, spending, the national debt, and exchange rates.

ECON 230**Introductory Statistics***3 Semester Hours*

An introduction to the modern methods of analyzing sample data. Topics include descriptive statistics, probability theory, binomial and normal distributions, estimation, hypothesis testing, and simple regression analysis.

Prerequisite: MATH 131 (or 112).

ECON 235**Accelerated Introductory Statistics***3 Semester Hours*

Accelerated introduction to statistics with applications to economics. Topics include descriptive statistics, probability theory, binomial and normal distributions, estimation, hypothesis testing, and regression analysis. This course also involves exercises in applying theoretical concepts to real world empirical problems, e.g., for policy analysis. This course can be taken in lieu of ECON 230 and substitutes for 230 wherever it is stated as a prerequisite.

ECON 310**Intermediate Microeconomics I***3 Semester Hours*

Microeconomic theory applied to the private sector. Indifference curves, utility theory, Slutsky equation, individual and market demand, technology, cost minimization, cost curves, consumer and producer surplus, efficiency, perfect competition, monopoly, price discrimination, classical oligopoly theory, game theory including Nash equilibrium, resource markets.

Prerequisites: ECON 110 (or 105), MATH 131 (or 112).

Offered in the Fall semester only.

ECON 320**Intermediate Macroeconomics***3 Semester Hours*

Macroeconomic analysis: The determination of national income and output and their components, employment, the price level (and inflation), interest rates, and long-term economic growth. An introduction to business cycle theory, monetary theory, balance of payments, and exchange rates. A study of economic policies to achieve goals and the limits of such policies.

Prerequisites: ECON 120 (or 105), MATH 131 (or 112).

Offered in the Spring semester only.

ECON 322**Money and Banking***3 Semester Hours*

The role of monetary matters in the economy. The organization, operation, and impact of money, banks and nonbank financial intermediaries, and financial markets in the economy. The impact of these on the determination of interest rates, the price level, and economic activity. The role of central bank and regulatory agency policies in financial markets and the economy.

Prerequisite: ECON 120 (or 105).

ECON 330**Regression Analysis***3 Semester Hours*

Analysis of the linear regression model and its practical applications in economics, finance, marketing, and other areas of business. Material covered will be the two variable model, hypothesis testing, forecasting, functional forms of regression models, regression using dummy explanatory variables, multiple regression, autocorrelation, heteroscedasticity, and multicollinearity. Emphasis is placed on the application of the techniques covered in the course to the solution of real world problems.

Prerequisites: ECON 110, 120 (or 105).

ECON 332**Introductory Computer Applications in Economics***3 Semester Hours*

An introduction to the computer software used by economists to model economic and business problems. Designed for beginning users of computers.

Prerequisite: ECON 110 or 120. Recommended: ECON 230.

ECON 334**Forecasting Methods***3 Semester Hours*

Analysis of a wide range of forecasting methods, including regression, smoothing, and arima models.

Prerequisite: ECON 230 (or 235).

ECON 336**Seminar in Guided Business and Economic Research***3 Semester Hours*

Designed to teach students the skills necessary to perform actual quantitative research in a workshop setting. Involves the use of actual data and the application of appropriate research tools such as Box and Whisker Plot, Risk Analysis, Chi-square, analysis of Variance, Quality Control, Multiple Regression, Time Series Forecasting, and Linear Programming.

Prerequisite: ECON 230.

ECON 340**U.S. Economic History***3 Semester Hours*

Historical study of the economic growth and institutional development of the U.S. economy from the colonial era to the twentieth century. Topics may include: the economic ramifications of the American Revolution and the Constitution, the economics of slavery, industrialization, and the origins of the Great Depression.

Prerequisites: ECON 110 and 120 (or 105).

ECON 352**Labor Economics***3 Semester Hours*

Modern theories of market and non-market behavior relating to issues of labor and the determination of wages, salaries, and perquisites. Empirical evidence and public policy considerations are always relevant. Topics may include: education, poverty, discrimination, internal job ladders and management systems, collective bargaining, and unemployment.

Prerequisite: ECON 110 (or 105).

ECON 356**Urban Economics***3 Semester Hours*

A survey of the policy and theoretical issues that are raised when economic analysis is applied in an urban setting. Topics include urbanization and urban growth housing markets, location decisions of households and firms, transportation, urban labor markets, the local public sector, and discrimination.

Prerequisite: ECON 110 (or 105).

ECON 360**Financial Economics***3 Semester Hours*

Practical application of financial theory in both a certain and uncertain environment. Focus on capital budgeting, financial structure, cost of capital, and dividend policy.

Prerequisites: ECON 110 and 120 (or 105).

ECON 362**Managerial Economics***3 Semester Hours*

Provides a solid foundation of economic understanding for use in managerial decision making. It focuses on optimization techniques in the solution of managerial problems.

Prerequisites: ECON 110 and 120 (or 105).

ECON 364

Multinational Corporation

3 Semester Hours

The economic power and impact; the expansion of multinational business, international movement of management techniques, labor, resources, and technology.

Prerequisite: ECON 110 or 120.

ECON 366

Personal Finance

3 Semester Hours

This course is a comprehensive coverage of consumer finance. Topics are consumer credit, consumer spending, and investing for the short run and the long run. Housing and real estate investing, personal financial planning, and various investment vehicles such as equity, fixed rate of return instruments, annuities, and insurance as well as the fundamentals of tax planning are addressed. The emphasis is on evaluating choices and understanding the consequences of decisions in terms of opportunity costs.

Prerequisite: ECON 110 or 120.

ECON 369

Chinese Economic and Business System

3 Semester Hours

This course aims to provide an introduction to Chinese economic and business system as well as the major strategic and operational issues facing multinational corporations in doing business in China.

Taught only in Beijing, China.

ECON 370

International Trade

3 Semester Hours

Analysis of classical and modern theories of international trade and their relation to internal and external equilibria. Income and monetary factors, commercial policies affecting international trade. Resource movements, regional economic integration.

Prerequisite: ECON 110 (or 105).

ECON 372

International Finance Theory

3 Semester Hours

Introduction to foreign exchange markets and the determination of exchange rates. Understanding balance of payments accounts, enacting policies to affect the current account, and examining balance of payments crises. Overview of international policy coordination and the international monetary system. Application of theory to current international issues.

Prerequisite: ECON 120 (or 105).

ECON 374

Economic Development of Minority Communities

3 Semester Hours

Historical study of minority groups in the American economy. Emphasis upon institutions, ideas, and individuals.

Prerequisite: ECON 110 (or 105).

ECON 410

Intermediate Microeconomics II

3 Semester Hours

Microeconomic theory applied to the public sector. General equilibrium theory for exchange and production economies, First Theorem of Welfare Economics, public goods, Samuelson condition, externalities and policy remedies, information theory and social insurance, intertemporal choice, uncertainty, cost-benefit analysis, welfare economics and income redistribution.

Prerequisite: ECON 310.

Offered in the Spring semester only.

ECON 412

Economics and Ethics

3 Semester Hours

Economics and Ethics examines the roles and effects of ethics on economic analysis, behavior, and institutions. These issues arise, for example, in matters of charity, labor markets, and taxation. This course treats both descriptive and prescriptive theories as well as evidence on ethics from behavioral and experimental economics. It covers standard philosophical theories and connects them to empirical evidence and real world decision-making.

Prerequisite: ECON 310. Recommended: ECON 410 or concurrent enrollment.

ECON 414**Game Theory***3 Semester Hours*

Game Theory is the study of strategic interaction. This course will focus on analyzing these interactions and predicting equilibrium outcomes. Topics to be covered include utility theory, rationality, simultaneous and sequential move games, Nash equilibrium, backward induction, repeated games, and games of incomplete information.

Prerequisite: ECON 310.

ECON 416**Environmental Economics***3 Semester Hours*

Environmental Economics deals with the use of society's scarce environmental resources. Economic theory and analysis are applied to various environmental issues, including pollution, sustainable development, clean air, and quality of life.

Prerequisite: ECON 310.

ECON 434**Experimental Economics***3 Semester Hours*

Experimental methods of research in economics. Basic experimental concepts, induced value theory, individual decisions, game theory, market experiments, auctions, bargaining, public choice.

Prerequisite: ECON 310.

ECON 450**Industrial Organization***3 Semester Hours*

Analysis of firm behavior. Classical models of perfect competition, monopoly and oligopoly. Game theory including dominant strategy, Nash and subgame perfect equilibrium. Price discrimination, antitrust policy and regulation.

Prerequisite: ECON 310.

ECON 454**Public Choice***3 Semester Hours*

The study of political decision making using economic theories and methods. Theory of voting rules, the theory of regulation, taxation, interest groups, the growth of government, and the design of constitutions.

Prerequisite: ECON 310.

ECON 456**Law and Economics***3 Semester Hours*

This course will explore the field of law and economics. We will use standard microeconomic tools to examine torts, contracts, and property law, as well as the theory and empirical evidence on criminal behavior.

Prerequisite: ECON 310.

ECON 474**Economic Development***3 Semester Hours*

Study of the nature and characteristics of developing countries. Economic development theories applied to selected nations. Analysis of special problems of different parts of the world and obstacles to development.

Prerequisite: ECON 310.

ECON 490**Senior Assessment***0 Semester Hours*

Assessment of student learning outcomes in the field of economics. Includes a written comprehensive examination, a senior exit interview, and possible additional Department evaluation. ECON 490 is offered toward the end of the Spring semester only and is required of all economics majors who will have completed 100 hours or more by the end of the Spring semester.

CR/NC grading only.

Economics majors only.

Prerequisites: Registered to complete 100 hours or more by the end of the semester in which it is taken.

ECON 530**Mathematics for Economics***3 Semester Hours*

Absolutely necessary for those continuing to graduate school and required for those pursuing the B.S. degree in economics. Review of fundamental mathematical concepts and logic. Treatment of linear algebra, univariate and multivariate calculus, real analysis, and unconstrained and constrained optimization. Applications of mathematical techniques to typical problems in microeconomics and macroeconomics.

Offered only in the Fall semester.

Prerequisites: ECON 310 and MATH 131 (or 112). Recommended: ECON 320.

ECON 532

Econometrics

3 Semester Hours

This branch of economics uses mathematical and statistical tools to analyze economic phenomena. Mathematical formulation, establishment of hypotheses, model construction, data collection, and statistical estimation and inference. Required for the B.S. degree in Economics.

Offered only in the Spring semester.

Prerequisite: ECON 530 (or MATH 250).

ECON 540

History of Economic Thought

3 Semester Hours

An analysis of the evolution of moral, political, and economic ideas and theories and their influence on the development of economic society.

Prerequisites: ECON 110 and 120.

English

Faculty

Chairperson: David Killoran

Professors: Linda Bannister, Robert Caro, S.J.,
Theresa de Vroom, Paul Harris, David Killoran,
Rubén Martínez (Fletcher Jones Chair in Literature and
Writing), John Menaghan, Barbara Roche Rico,
Chuck Rosenthal, Lucy Wilson, Gail Wronsky

Associate Professors: Holli G. Levitsky, John Reilly,
Stephen Shepherd

Assistant Professors: Stuart Ching, Juan Mah y Busch,
Robin Miskolcze, K.J. Peters, Kelly Younger

English Department Mission

Believing that literature is a profound expression of human experience, the English Department uses a range of critical methods to introduce students to literatures in English from a variety of cultural traditions. The course work reveals the art form's creative beauty, strategies for representing the human experience, and its power to shape the reader.

The English Department encourages an understanding of the critical and creative union of reading and writing as fundamental to the processes of developing the self. Through their imaginations, students who major or minor in English interact with language and literature, thereby encountering another equally open and attentive mind: that of the writer they are reading or of the reader who comes to the work they have created. As students of the literary arts, English majors and minors prepare for a lifetime of reading and writing, enlightenment and fulfillment, learning to do what Toni Morrison describes as a dance of two minds.

A Note on the Core: English majors and minors must take a course to satisfy the University's core literature requirement, and this course is separate from and in addition to the courses taken to fulfill the English major and minor requirements.

English Student Learning Outcomes

English majors know:

- The history of literatures in the English language;
- A variety of critical theories;
- The range of creative choices made by the literary artist.

English majors are able to:

- Read literary texts closely and carefully;
- Interpret analytically and innovatively using a variety of critical and theoretical approaches;
- Write creatively and effectively;
- Perceive and express the artistry, ideas, and social significance of language.

English majors value:

- The ways in which literature represents human experience;
- The affect of literature on the artist and reader;
- The artistry of precise and elegant expression.

Major Requirements

Lower Division Requirements (12 semester hours):

ENGL 201 and either ENGL 200 or 202; ENGL 203 and 204.

A grade of C (2.0) is required in each premajor course before qualifying for upper division status as an English major. Students transferring into the Department after their sophomore year may enroll in upper division courses in the major concurrently with the premajor courses. Students must complete all upper division courses in the major with a minimum grade of C (2.0) in order to maintain status as English majors. Failure to maintain this standard or failure to make sufficient progress toward completion of the major will result in probation or disqualification from the Department.

Upper Division Requirements:

There are two programs for the major in English:

I. The English Major: Literature Emphasis

A minimum of 27 semester hours in upper division courses. Up to six of these semester hours may be taken in writing classes.

Upper Division Requirements:

ENGL 321 or 322.

One course in English and/or American Literature prior to 1800, excluding Shakespeare.

One of the two survey courses in the History of American Literature (ENGL 371 or 372).

Two courses in English and/or American Literature after 1800.

One course in Theory (consult with your advisor).

One course in Comparative/Cultural Literatures (includes any course in multi-ethnic literature, gender-based literature, world literature, or foreign language literature in translation. Check with your advisor to determine which courses may be used to fulfill this requirement.)

Total Semester Hours: Literature Emphasis

Lower Division Requirements:

12 semester hours (ENGL 201, 200 or 202, 203, 204)

Upper Division Requirements:

21 semester hours (see above)

Upper Division Electives:

6 semester hours

Total: 39 semester hours

A minimum grade of C (2.0) must be obtained in each course in the major.

II. The English Major: Writing Emphasis

A minimum of 27 semester hours in upper division courses.

Upper Division Requirements:

ENGL 321 or 322.

One of the two survey courses in the History of American Literature (ENGL 371 or 372).

One course in English or American Literature before or after 1800.

Two 400- or 500-level writing courses, excluding ENGL 402 and 569.

One course in Theory (consult with your advisor).

One course in Comparative/Cultural Literatures/Writing (includes any multi-ethnic writing or literature course, gender-based writing or literature course, world writing or literature course, or any foreign language literature course in translation. Check with your advisor to determine which courses may be used to fulfill this requirement.)

Total Semester Hours: Writing Emphasis

Lower Division Requirements:

12 semester hours (ENGL 201, 200 or 202, 203, 204)

Upper Division Requirements:

21 semester hours (see above)

Upper Division Electives:

6 semester hours

Total: 39 semester hours

A minimum grade of C (2.0) must be obtained in each course in the major.

Minor Requirements

18 semester hours exclusive of ENGL 110 or its equivalent and core literature courses. ENGL 200 or 201 or 202 and at least one “survey” course selected from ENGL 203, 204, 371, or 372 must be included. At least nine semester hours, exclusive of ENGL 371 or 372, must be at the 300-, 400-, or 500-level. Three of these nine hours (or at least one course) must be selected from pre-1800 literature courses. Students may select ENGL 203 or 371 to fulfill this pre-1800 course requirement, but then they must take a second course from ENGL 203, 204, 371, or 372 to fulfill the “survey” requirement.

A minimum grade of C (2.0) must be obtained in each course in the minor.

Minor in Screenwriting for English Majors

The School of Film and Television offers a minor as an option to students majoring in the writing emphasis in the English Department. The minor consists of 18 semester hours. Check for the full description of the minor under the Screenwriting section of this Bulletin.

Pre-Journalism Curriculum

Although LMU doesn't offer a journalism major or minor, a large number of LMU graduates have gone on to successful careers or graduate work in journalism. These students, who have majored or minored in English or Communication Studies, have taken advantage of a number of exciting LMU courses. These courses comprise the LMU "Pre-Journalism Curriculum" and are particularly recommended for students who intend pursuing a Masters or Ph.D. in Journalism, or who plan to work as a journalist, freelance, or for a newspaper or magazine. No student need complete all of the courses listed below, but a healthy sampling will stand a future journalist in good stead and will assist in admission to most graduate programs in journalism across the country.

It is important to note that a working journalist often develops a specialization in a particular area, such as sports, entertainment, or the environment. Content courses in these areas would, of course, be useful. The Pre-Journalism Curriculum includes Political Science courses specifically, since local, state, and national politics have an impact on most news, and politics is considered an important working knowledge base for any journalist.

A pre-journalism certificate can be issued to the student who successfully completes 18 semester hours of pre-journalism coursework. **Students must take at least five of the six courses from the English Department. Only one course may be selected from another discipline.** Students who seek a certificate will be advised on how to create a program that focuses on their area of interest: for example, political reporting, sports reporting, electronic media, etc.

Pre-Journalism courses are offered by a variety of departments and colleges across the University, making the Pre-Journalism Curriculum truly interdisciplinary.

Bellarmine College of Liberal Arts, English Department

ENGL 301	Writing for Journalism I: Workshop
ENGL 302	Writing the Article: Workshop
ENGL 304	Writing for Advertising
ENGL 401	Writing for Journalism II: Workshop
ENGL 402	Writing Internship in Media
ENGL 403	Writing Workshop in Non-Fiction: Adv.
ENGL 405	Literary Non-Fiction: Workshop
ENGL 406	Journalism: The Interview: Workshop
ENGL 407	Reviewing the Arts
ENGL 408	Journalism: Editing Workshop
ENGL 463	The Essay
ENGL 469	Practicum in Journalism I
ENGL 470	Practicum in Journalism II
ENGL 562	Contemporary Rhetorical Theory
ENGL 567	Style in Writing
ENGL 574	Rhetoric and Media
ENGL 575	The Art of Rhetoric

Bellarmine College of Liberal Arts, Political Science Department

POLS 130	American Politics
POLS 135	Contemporary American Politics
POLS 430	Campaign
POLS 435	The Politics of California

Bellarmine College of Liberal Arts, Philosophy Department

PHIL 320	Ethics
PHIL 321	Bioethics
PHIL 322	Business Ethics
PHIL 324	Engineering Ethics
PHIL 326	Ethics of Love and Marriage
PHIL 327	Ethics and Education
PHIL 328	Media Ethics
PHIL 329	Topics in Applied Ethics
PHIL 330	Contemporary Moral Problems

Students interested in assembling a Pre-Journalism Curriculum should review each semester's course offerings across the colleges, paying particular attention to special studies courses focusing on journalistic issues, media topics, or related fields. Students may consult with **Dr. Linda Bannister, Pre-Journalism Advisor**, to determine which special or new courses may be appropriate.

There are a number of Pre-Journalism eligible courses offered by the College of Communication and Fine Arts, some of which may entail prerequisites and/or college permission. Please consult with Dr. Linda Bannister for more information about these courses.

Note: Although there is no set sequence for taking pre-journalism courses, some of the above listed courses may carry prerequisite courses that must be completed first. Students interested in journalism are also strongly advised to participate in LMU's award-winning student newspaper *The Los Angeles Loyolan*, the campus yearbook *The Tower*, and/or radio station KXLU.

A Pre-Journalism Curriculum Completion Certificate is available to those students who successfully complete (earning a C [2.0] or better in each course) 18 semester hours of approved pre-journalism coursework. Bring transcript showing 18 units of accepted completed courses to Dr. Bannister at least two months prior to intended graduation. **If courses are in progress during the last semester before graduation, the certificate will be issued after a final grade of C (2.0) or better is posted for each course.**

Secondary Teaching

Students interested in obtaining a secondary teaching credential must fulfill the requirements for the major in English and the California State requirements for the teaching credential. Students interested in a secondary credential should see Dr. Richard Kocher as soon as possible, and they should also coordinate their program with the School of Education.

English Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
AMCS 100	Intro to American Cultures	3
or	AMCS 161 Young America, 1607-1900	(3)
ENGL 110	College Writing	3
HIST ____	University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
or	THST ____ University Core	(3)
MATH ____	University Core	3
____ ____	Elective.....	3
		15

<i>Spring Semester</i>		S.H.
HIST ____	University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
or	THST ____ University Core	(3)
____ ____	Critical/Creative Arts Core	3
____ ____	Literature Core.....	3
____ ____	Social Science Core.....	3
____ ____	Elective.....	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
ENGL 201	The Language of Poetry	3
ENGL 203	History of British Lit. I	3
HIST ____	University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
or	THST ____ University Core	(3)
____ ____	CMST/Crit Thinking Core.....	3
____ ____	Social Science Core.....	3
		15

<i>Spring Semester</i>		S.H.
ENGL 200	The Language of Drama.....	3
or	ENGL 202 The Language of Fiction.....	(3)
ENGL 204	History of British Lit. II	3
HIST ____	University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
or	THST ____ University Core	(3)
____ ____	Critical/Creative Arts Core	3
____ ____	Science Core	3
		15

Junior Year

<i>Fall Semester</i>		S.H.
ENGL 321	Shakespeare: Major Plays	3
or	ENGL 322 Studies in Shakespeare.....	(3)
ENGL ____	ENGL Elective Upper Division.....	3
PHIL ____	Upper Division PHIL.....	3
or	THST ____ Upper Division THST.....	(3)
____ ____	Upper Division Elective.....	3
____ ____	Elective.....	3
		15

<i>Spring Semester</i>	S.H.	
ENGL 371	American Literature I.....	3
or ENGL 372	American Literature II.....	(3)
ENGL ___	ENGL Comp. Upper Division.....	3
ENGL ___	ENGL Elective Upper Division.....	3
PHIL ___	Upper Division PHIL.....	3
or THST ___	Upper Division THST.....	(3)
___ ___	Elective.....	3

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Senior Year

<i>Fall Semester</i>	S.H.	
ENGL ___	4/500 (Writing Emphasis).....	3
or ENGL ___	Pre-1800 (Lit. Emphasis)	(3)
ENGL ___	Post-1800 Amer/Engl.....	3
___ ___	Upper Division Elective.....	3
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3

15

<i>Spring Semester</i>	S.H.	
ENGL ___	4/500 (Writing Emphasis).....	3
ENGL ___	Post-1800 (Lit. Emphasis).....	(3)
ENGL ___	ENGL Theory Upper Division.....	3
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3

15

Students may take no more than **ten upper division** courses in any one department, except for Philosophy, in which the maximum is thirteen.

Upper division courses are open to juniors and seniors only. With the permission of the Chairperson, ENGL 321, 322, 371, and 372 may be open to sophomores who have taken or are concurrently enrolled in the required lower division, pre-major English courses.

ENGL 100 English as a Second Language

3 Semester Hours

Students enroll in ENGL 100 based on their performance in the essay administered in all ENGL 110 sections during the first week of classes. A course designed to give students essential skills in writing and reading English. Students must earn a grade of C (2.0) or better in order to pass this course. Concurrent enrollment in ENGL 101 required.

ENGL 101 Required Writing Lab—ESL

1 Semester Hour

The required lab component of English 100. Taken concurrently with English 100.

Credit/No Credit grading.

Students must earn a grade of Credit in this lab course in order to pass ENGL 100.

ENGL 110 College Writing

3 Semester Hours

The art of clear and effective college writing. This course will teach students how to generate clear and persuasive expository prose suitable to a variety of academic disciplines.

A grade of C (2.0) or better is required.

ENGL 111 Elective Writing Lab

1 Semester Hour

A program of individualized tutorial instruction designed specifically to reinforce and develop those skills important to improving college-level prose.

Credit/No Credit grading.

ENGL 115 University Writing Lab

1 Semester Hour

Intensive work on individual writing issues encountered in course work across the curriculum. Emphasis is placed on clarity and style.

Credit/F grading. This course may be repeated twice for degree credit.

ENGL 130
Introduction to Poetry
3 Semester Hours

A course designed to develop an appreciation of the meaning, forms, techniques, and impact of poetry; critical essays based on the reading.

Prerequisite: Successful completion of ENGL 110.

ENGL 140
Introduction to Fiction
3 Semester Hours

An introduction to significant works in the novel and short story; critical essays based on the reading.

Prerequisite: Successful completion of ENGL 110.

ENGL 150
Introduction to Drama
3 Semester Hours

An introduction to significant works of dramatic literature; critical essays based on the reading.

Prerequisite: Successful completion of ENGL 110.

ENGL 170
Classics of Literature
3 Semester Hours

An introduction to significant works in literature outside the British and American traditions; critical essays based on the reading.

Prerequisite: Successful completion of ENGL 110.

Not available to students who already have credit in FNLT 180.

ENGL 198
Special Studies
1-3 Semester Hours

ENGL 199
Independent Studies
1-3 Semester Hours

ENGL 200
The Language of Drama
3 Semester Hours

An introduction to creating drama and writing about it. Open to English majors and minors, and screenwriting majors.

ENGL 201
The Language of Poetry
3 Semester Hours

An introduction to creating poetry and writing about it.

Required of all English majors.

Open to English majors and minors, and screenwriting majors.

ENGL 202
The Language of Fiction
3 Semester Hours

An introduction to creating fiction and writing about it.

Open to English majors and minors, and screenwriting majors.

ENGL 203
The History of British Literature I
3 Semester Hours

British literature from the Anglo Saxons to the end of the eighteenth century.

Required of all English majors.

ENGL 204
The History of British Literature II
3 Semester Hours

British literature from Romanticism through the Moderns.

Required of all English majors.

ENGL 205
Creative Writing for Non-Majors
3 Semester Hours

A genre-based writing workshop (fiction, poetry, and drama). Fulfills the core requirement in creative arts. Not open to English majors and minors.

ENGL 298
Special Studies
1-3 Semester Hours

ENGL 299
Independent Studies
1-3 Semester Hours

ENGL 301**Writing for Journalism I: Workshop***3 Semester Hours*

An intermediate-level writing class and an introduction to journalism. Covers the basic components of both features and news stories, interview strategies, and legal and ethical concerns.

Prerequisite: Junior or senior standing.

ENGL 302**Writing the Article: Workshop***3 Semester Hours*

Techniques of writing and marketing the magazine article.

Prerequisite: Junior or senior standing.

ENGL 304**Writing for Advertising***3 Semester Hours*

Writing strategies for advertising.

Prerequisite: Junior or senior standing.

ENGL 305**Advanced Composition for Credential Candidates***3 Semester Hours*

A review of the principles of exposition and grammar, principally for candidates for the elementary and secondary credentials.

Prerequisite: Junior or senior standing.

ENGL 311**Writing Workshop in Fiction: Intermediate***3 Semester Hours*

Prerequisites: ENGL 202 and junior or senior standing.

ENGL 312**Writing Workshop in Poetry: Intermediate***3 Semester Hours*

Prerequisites: ENGL 201 and junior or senior standing.

ENGL 313**Playwriting: Workshop***3 Semester Hours*

An introduction to writing for the stage.

Prerequisites: ENGL 200 or 201 or 202 and junior or senior standing.

ENGL 321**Shakespeare: The Major Plays***3 Semester Hours*

A survey course of Shakespeare's "major plays." This course intends to cover all the dramatic genres Shakespeare wrote in and at the same time highlight those works which are considered Shakespeare's most important.

Prerequisite: Junior or senior standing, or permission of the Chairperson.

ENGL 322**Studies in Shakespeare***3 Semester Hours*

An in-depth study of Shakespeare's writings.

This course is repeatable for degree credit up to two times provided new course material (literature) is covered and a new subtitle has been designated.

Prerequisite: Junior or senior standing, or permission of the Chairperson.

ENGL 324**Faith and American Fiction***3 Semester Hours*

The study of literary representations of modern religious concerns in modern and contemporary American fiction.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 325**Contemporary Poetry***3 Semester Hours*

British and American poetry from Wallace Stevens to the present.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 326**Contemporary Drama***3 Semester Hours*

British, American, and continental drama since World War II.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 332**The Short Story**

3 Semester Hours

A study of the short story as a literary form; close reading of representative short stories by American, British, and continental writers.

Prerequisite: Junior or senior standing.

ENGL 341**Studies in World Literature**

3 Semester Hours

A study of literature(s) written outside the United States and Britain.

Fulfills comparative/cultural literatures requirement.

Prerequisite: Junior or senior standing.

ENGL 342**The Image of Woman in Nineteenth-Century England**

3 Semester Hours

A study of the attitudes towards women as they emerge in the writings of both men and women in 19th-century England.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 343**Twentieth-Century Women's Writing**

3 Semester Hours

A study of literary and critical texts written by women in the 20th century.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 344**Survey of African American Writing**

(See AFAM 396)

Fulfills comparative/cultural literatures requirement.

Prerequisite: Junior or senior standing.

ENGL 345**Studies in Multi-Ethnic Literature**

3 Semester Hours

The comparative study of literatures within the American experience.

This course is repeatable for degree credit up to two times provided new course material (literature) is covered and a new subtitle has been designated.

Fulfills comparative/cultural literatures requirement.

Prerequisite: Junior or senior standing.

ENGL 346**Children's Literature**

3 Semester Hours

A study of children's literature and the critical discussions it raises across literary and educational studies.

Open to Liberal Studies majors who are juniors or seniors.

ENGL 348**Modern Southern Fiction**

3 Semester Hours

A study of the extraordinary artistry and unique vision of novelists from the American South, including Faulkner, Hurston, O'Connor, and Percy.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 351**Myth in Literature**

3 Semester Hours

Study of the basic myths and myth patterns of the Greeks and Romans and the mythological heritage in Western Literature (see CLCV 451).

Fulfills pre-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 361**Reading Methods**

3 Semester Hours

A survey of various methods of reading literary texts.

Fulfills theory requirement.

Prerequisite: Junior or senior standing.

ENGL 371
American Literature I
3 Semester Hours

A survey of American literature from colonial times to 1865.

Fulfills pre-1800 requirement or American Survey.

Prerequisite: Junior or senior standing, or permission of the Chairperson.

ENGL 372
American Literature II
3 Semester Hours

A survey of American literature from 1865 to the present.

Fulfills post-1800 requirement or American Survey.

Prerequisite: Junior or senior standing, or permission of the Chairperson.

ENGL 373
RoadRead
3 Semester Hours

This multi-genre course explores the literature of Los Angeles and California. Involves field trips. Lab fee.

Prerequisites: ENGL 201 and either 200 or 202.

Open to English majors and minors who are juniors or seniors.

ENGL 374
RoadWrite
3 Semester Hours

This multi-genre writing course explores the literature of Los Angeles and California. Involves field trips. Lab fee.

Prerequisites: ENGL 201 and either 200 or 202.

Open to English majors and minors who are juniors or seniors.

ENGL 375
StreetRead
3 Semester Hours

Students will respond critically to literature in the classroom and run reading groups in the community.

Prerequisites: ENGL 201 and either 200 or 202.

Open to English majors and minors who are juniors or seniors.

ENGL 376
StreetWrite
3 Semester Hours

Student writers will workshop their own writing and run workshops in the community.

Prerequisites: ENGL 201 and either 200 or 202.

Open to English majors and minors who are juniors or seniors.

ENGL 398
Special Studies
1-3 Semester Hours

Prerequisite: Junior or senior standing.

ENGL 399
Independent Studies
1-3 Semester Hours

Prerequisite: Junior or senior standing.

ENGL 401
Writing for Journalism II: Workshop
3 Semester Hours

An advanced class in journalistic prose. Readings and assignments cover hard news, feature stories, and New Journalism.

Prerequisite: Junior or senior standing.

ENGL 402
Writing Internship in Media
3 Semester Hours

Students enrolled in this course work 10-12 hours per week with an off-campus media firm.

Prerequisite: Permission of the instructor. Students must submit a portfolio of their writing to the instructor four weeks prior to registration for the course.

Prerequisite: Junior or senior standing.

ENGL 403
Writing Workshop in Non-Fiction: Advanced
3 Semester Hours

Individually directed projects in a variety of expository forms.

Prerequisite: Junior or senior standing.

ENGL 405**Literary Non-Fiction: Workshop**

3 Semester Hours

An advanced course in non-fiction prose, with practice in both creating and analyzing non-fiction.

Prerequisite: Junior or senior standing.

ENGL 406**Journalism: The Interview: Workshop**

3 Semester Hours

A course in interview strategies for journalists.

Prerequisite: Junior or senior standing.

ENGL 407**Reviewing the Arts**

3 Semester Hours

A course in writing reviews of film and theatre. Class involves field trips to theatre and film performances.

Prerequisite: Junior or senior standing.

ENGL 408**Journalism: Editing Workshop**

3 Semester Hours

A course in editing techniques for journalists.

Prerequisite: Junior or senior standing.

ENGL 411**Writing Workshop in Fiction: Advanced**

3 Semester Hours

Individually directed projects in a variety of fiction forms.

Prerequisites: ENGL 202 and 311 and junior or senior standing.

ENGL 412**Writing Workshop in Poetry: Advanced**

3 Semester Hours

A workshop for advanced poetry writing students.

Prerequisites: ENGL 201 and 312 and junior or senior standing.

ENGL 413**Playwriting Workshop: Advanced**

3 Semester Hours

A workshop for advanced playwriting students.

Prerequisites: ENGL 313 and junior or senior standing.

ENGL 422**Prosody**

3 Semester Hours

A study of poetic forms, based on the close reading and imitation of those forms. This class may count as either a theory or a writing class.

Prerequisite: Junior or senior standing.

ENGL 463**The Essay**

3 Semester Hours

An introduction to the basic styles and forms of the essay, surveyed historically.

Prerequisite: Junior or senior standing.

ENGL 467**Time in 20th Century Literature**

3 Semester Hours

A writing and theory course that explores the shift from modernist to postmodernist ideas of time.

Prerequisite: Junior or senior standing.

ENGL 469**Practicum in Journalism I**

1-3 Semester Hours

This course gives students practical journalism experience working on the staff of the *Los Angeles Loyolan* or the *Tower*. Particularly appropriate for editors.

Consent of instructor needed to enroll. Junior or senior standing.

ENGL 470**Practicum in Journalism II**

1-3 Semester Hours

This course is for advanced journalism students who have served as editors for at least one semester and who have completed ENGL 469.

Consent of instructor needed to enroll. Junior or senior standing.

ENGL 498**Special Studies**

1-3 Semester Hours

Prerequisite: Junior or senior standing.

ENGL 499**Independent Studies**

1-3 Semester Hours

Prerequisite: Junior or senior standing.

ENGL 502**The Arthurian Romance***3 Semester Hours*

A study of Arthurian legend from Geoffrey of Monmouth to Sir Thomas Malory.

Fulfills pre-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 503**English Literature of the Middle Ages***3 Semester Hours*

English literature, from the Normans to the Tudors.

Fulfills pre-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 504**Chaucer***3 Semester Hours*

The works of Chaucer, particularly *The Canterbury Tales*.

Fulfills pre-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 511**Literature of the Renaissance***3 Semester Hours*

English literature, exclusive of drama, from Thomas More to the death of Elizabeth I.

Fulfills pre-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 512**Seventeenth-Century Poetry***3 Semester Hours*

English poetry in the metaphysical and cavalier traditions, including the works of Jonson, Donne, Herrick, Herbert, and Marvell.

Fulfills pre-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 513**Milton***3 Semester Hours*

The poetry and selected prose of John Milton.

Fulfills pre-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 521**British Literature: 1660-1800***3 Semester Hours*

Studies in British literature of the Restoration and eighteenth century, exclusive of the novel.

Fulfills pre-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 522**Eighteenth-Century English Novel***3 Semester Hours*

The development of the English novel in its first century.

Fulfills pre-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 531**Romantic Poetry***3 Semester Hours*

English poetry from Blake to Keats.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 532**The Nineteenth-Century English Novel***3 Semester Hours*

The development of the English novel from Austen to Hardy.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 533**Victorian Literature***3 Semester Hours*

Selected works of major poets and prose writers of the period from 1832 to 1900.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 534**Literature of the Holocaust**

3 Semester Hours

A study of the literature of the Holocaust including fiction, poetry, drama, and film.

Fulfills post-1800 or comparative/cultural literatures requirement.

Prerequisite: Junior or senior standing.

ENGL 541**British Fiction: 1900-1950**

3 Semester Hours

A study of British novels and short fiction from 1900 to 1950.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 542**British Fiction: 1950 to the Present**

3 Semester Hours

A study of British novels and short fiction from 1950 to the present.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 543**British Poetry: 1900-1950**

3 Semester Hours

A study of the poetry of Yeats, Eliot, Auden, Thomas, and other modernists.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 544**Modern Irish Literature**

3 Semester Hours

A study of Irish literature from 1900 to World War II.

Fulfills post-1800 or comparative/cultural literatures requirement.

Prerequisite: Junior or senior standing.

ENGL 545**Contemporary Irish Literature**

3 Semester Hours

A study of Irish literature from the end of World War II to the present.

Fulfills post-1800 or comparative/cultural literatures requirement.

Prerequisite: Junior or senior standing.

ENGL 546**Irish Renaissance**

3 Semester Hours

A study of the period from the 1890s through the 1920s in Ireland focusing on the effort of Irish writers (and others) to preserve the rich legacy of Irish culture and carry it forward into the modern age.

Fulfills post-1800 or comparative/cultural literatures requirement.

Prerequisite: Junior or senior standing.

ENGL 547**Irish Short Story**

3 Semester Hours

A study of the short story in Ireland during the twentieth century.

Fulfills post-1800 or comparative/cultural literatures requirement.

Prerequisite: Junior or senior standing.

ENGL 551**Early American Literature, Art, and Ideas**

3 Semester Hours

An interdisciplinary survey of representative writers, artists, and philosophers from the colonial, revolutionary, and transcendental periods.

Fulfills pre-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 552**American Romanticism**

3 Semester Hours

The study of such representative American writers as Poe, Hawthorne, Melville, and Whitman.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 553**American Realism and Naturalism***3 Semester Hours*

The study of such representative American fiction writers as Twain, James, and Crane.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 554**Modern American Fiction***3 Semester Hours*

The study of such representative novelists as Hemingway, Faulkner, Anderson, and Fitzgerald.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 555**American Fiction Since 1950***3 Semester Hours*

A study of American novels and short fiction from 1950 to the present.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 556**Modern American Poetry***3 Semester Hours*

The study of representative American poets from Whitman to the mid-twentieth century.

Fulfills post-1800 requirement.

Prerequisite: Junior or senior standing.

ENGL 557**Modern Drama***3 Semester Hours*

British, American, and continental drama, from Ibsen to O'Neill.

Fulfills post-1800 or comparative/cultural literatures requirement.

Prerequisite: Junior or senior standing.

ENGL 558**Caribbean Literature***3 Semester Hours*

The study of representative writers from the English-speaking Caribbean, such as George Lamming, Jean Rhys, Sam Salvon, and Jamaica Kincaid.

Fulfills post-1800 or comparative/cultural literatures requirement.

Prerequisite: Junior or senior standing.

ENGL 559**Survey of Literary Criticism***3 Semester Hours*

The principles and practice of literary criticism from the ancient Greeks to World War II.

Fulfills theory requirement.

Prerequisite: Junior or senior standing.

ENGL 561**Contemporary Literary Criticism***3 Semester Hours*

The principles and practice of literary criticism from World War II to the present.

Fulfills theory requirement.

Prerequisite: Junior or senior standing.

ENGL 562**Contemporary Rhetorical Theory***3 Semester Hours*

Textual analysis and production based on contemporary rhetorical theory.

Fulfills theory or writing requirement.

Prerequisite: Junior or senior standing.

ENGL 563**Creative Writing Seminar***3 Semester Hours*

An intensive writing class in fiction, poetry, drama, creative non-fiction, or some combination of these genres.

Prerequisites: Undergraduates must complete ENGL 311 and 411 or ENGL 312 and 412 or ENGL 313 and 413 before enrolling in ENGL 563. Junior or senior standing.

ENGL 565
Theory of Teaching Writing and Literature
3 Semester Hours

A course for current and future teachers of composition and literature designed to facilitate the application of theory to pedagogy.

Fulfills theory or writing requirement.

Prerequisite: Junior or senior standing.

ENGL 566
Metaphor: Theory and Practice
3 Semester Hours

A course investigating metaphor theoretically and in the students' own writing.

Fulfills theory or writing requirement.

Prerequisite: Junior or senior standing.

ENGL 567
Style in Writing
3 Semester Hours

An examination of prose styles and theories of style to help students develop their own writing styles.

Fulfills theory or writing requirement.

Prerequisite: Junior or senior standing.

ENGL 569
Linguistics
3 Semester Hours

An introduction to issues in linguistics, such as phonology, morphology, syntax, and sociolinguistics.

Fulfills theory requirement.

Prerequisite: Junior or senior standing.

ENGL 571
Writing the Novella: Workshop
3 Semester Hours

Practice in writing extended narrative forms.

Prerequisite: Junior or senior standing.

ENGL 574
Rhetoric and Media
3 Semester Hours

A study of persuasion and rhetorical strategies used by the media.

Fulfills theory, writing, or comparative/cultural literatures requirement.

Prerequisite: Junior or senior standing.

ENGL 575
The Art of Rhetoric
3 Semester Hours

A survey of rhetoric from the classical to the modern period.

Fulfills theory requirement.

Prerequisite: Junior or senior standing.

ENGL 577
Major Figures in Rhetoric and Composition
3 Semester Hours

A course exploring one to three major theorists/writers in rhetoric and/or composition.

Fulfills theory requirement.

Prerequisite: Junior or senior standing.

ENGL 579
The Phenomenology of Reading
3 Semester Hours

A course in the phenomenon of reading from a variety of perspectives—reading theory, linguistics, literary theory, and rhetoric.

Fulfills theory requirement.

Prerequisite: Junior or senior standing.

ENGL 580
Comparative Drama
3 Semester Hours

An exploration of dramatic text, theory, and criticism that leads the student to an appreciation of theatre both as a literary and performance art.

Fulfills comparative/cultural literatures requirement.

Prerequisite: Junior or senior standing.

ENGL 584

The Black Aesthetic

3 Semester Hours

Study of theories of African American aesthetics.

Fulfills theory requirement.

Prerequisite: Junior or senior standing.

ENGL 585

Portraits of the Artist

3 Semester Hours

Fictional, poetic, and dramatic portraits of the developing artist.

Prerequisite: Junior or senior standing.

ENGL 598

Special Studies

1-3 Semester Hours

Prerequisite: Junior or senior standing.

ENGL 599

Independent Studies

1-3 Semester Hours

Prerequisite: Junior or senior standing.

Ethics

Director

W. Scott Cameron

Objectives

In response to the need to address ethical issues in the various professions, the Philosophy Department, in conjunction with other departments in the different Colleges and Schools of the University, offers a minor in Ethics. Its main focus is to deepen and broaden the student's grasp of the theoretical foundations and practical applications of ethical thought. The Ethics minor will complement and support the student's studies by encouraging reflection on the ethical issues that arise in his or her major field of study.

The objectives of this program are: 1) to heighten the student's awareness of the pervasive moral dimensions of human experience; 2) to broaden and deepen the student's understanding of ethical theories and their foundations; and 3) to promote moral deliberation, evaluation, decision-making, and conduct that alone can renew and sustain healthy economic, social, political, and professional institutions in concrete human communities.

Ethics Minor Student Learning Outcomes

Ethics minor students will understand:

- The historical context, the import, and the strengths and weaknesses of various paradigms of ethical reflection;
- The ways in which ethical theories have been applied to concrete human concerns;
- The relevance of ethical reflection to critical issues arising in their chosen major field of study.

Ethics minor students will be able to:

- Demonstrate written competency in the analysis and application of ethical theories to vexed practical problems;
- Draw on their own experience and on insights gleaned from their major field of study to further the evaluation and refinement of ethical theories.

Ethics minor students will value:

- The importance of ethical reflection in creating and sustaining healthy human communities;
- The productive relation between ethical reflection and other practical and theoretical pursuits;
- The power of reflection and self-criticism to transform one's self-conception as well as one's relationships to others.

Minor Requirements

The minor in Ethics consists of 18 semester hours divided as follows:

FOUR Foundations Courses, including:

PHIL 160 and PHIL 320, which also satisfy the University's core requirements in Philosophy.

Two further classes chosen in consultation with the Ethics minor advisor, at least one of which must be in Philosophy, though the second may be offered by departments in any of the Colleges or Schools in the University. These courses should deepen the student's awareness of the context, presuppositions, and implications of various approaches to ethical reflection.

TWO Applications Courses including:

One course in Applied Ethics related to the student's College or School of origin chosen from PHIL 321-330.

One elective course in Applied Ethics selected from the PHIL 321-330 options without regard for the student's College or School of origin.

One 0 credit hour assessment class: PHIL 494, Ethics Minor Assessment, to be taken once all other Ethics minor credit hours are completed or during the semester the student is completing his or her final classes for the minor.

Note: Philosophy majors or minors cannot also have an Ethics minor.

European Studies

Director

Petra Liedke Konow

Faculty

The faculty of the European Studies major are those professors in various departments of the University who regularly offer courses that are directly concerned with issues relating to Europe, or to specific countries or traditions of Europe, past and present.

Description

The European Studies major is an integrated, interdisciplinary area-studies program. Students choose from a range of courses taught in different departments, selecting a focus that reflects their individual interests (e.g., German or Irish Studies). Since the program provides the student with competence in a European language, sufficient background to grasp the complexity of European history and civilization as a whole, as well as a specialization in one field of study, it is a solid preparation for graduate school or a career in government or private enterprise. A semester of study in Europe is strongly recommended but is not mandatory.

Objectives

- Intermediate proficiency in one European language (equivalent to level 2/3 on the scale of five levels developed by the American Council on the Teaching of Foreign Language). LMU offers French, German, Italian, and Spanish in the Department of Modern Languages and Literatures as well as Greek, Latin, and Modern Greek in the Department of Classics and Archaeology.
- Knowledge of the historical, intellectual, political, and religious contexts of Europe, past and present.
- Knowledge of the art and literary works of Europeans, past and present.

European Studies Student Learning Outcomes

Students should demonstrate:

- Linguistic proficiency in one European language (French, German, Italian, Spanish, Greek, Latin, and/or Modern Greek);

- Knowledge and understanding of:
 - the history of Europe (History)
 - the history of ideas in Europe (Philosophy)
 - the politics of Europe (Political Science)
 - the religious contexts of Europe (Theological Studies);
- Familiarity with cultural expressions of Europeans such as:
 - European literature (Classics, English, European Studies, Foreign Literature in Translation, French, German, Italian, Spanish)
 - European art history and creative arts (Art History, Film, Theatre Arts);
- Reflection on/assessment of:
 - reasons why the major in European Studies was chosen
 - cultural competency (what they have learned)
 - content of the courses selected for the European Studies major
 - development and evolution in the European Studies major
 - extra-curricular activities connected with the European Studies major (study abroad experiences, program-related activities, work experience/internships).

Student Learning Outcomes will be assessed through a Senior Capstone Project (EURO 500), which consists of a portfolio during the second semester of the senior year. The portfolio is a collection of multiple samples usually compiled over time accompanied by a personal reflection essay, which would show that the student has met the objectives of the European Studies Program.

Major Requirements

Lower Division Requirements (18 semester hours):

HIST 100 and 101

Elementary I and II and Intermediate I and II, or the equivalent, of one European language: FREN, GRMN, ITAL, SPAN, GREK, LATN, or MDGK (i.e., 12 semester hours). EURO 181, 182, 283, 284 language courses are available in the LMU Study Abroad Programs in Europe; Study Abroad students must take the LMU Placement Exam upon return to fulfill lower division requirements.

Upper Division Requirements (25 semester hours):

At least 9 semester hours chosen from these courses examining the historical, intellectual, political, and religious contexts of Europe, past and present.

- HIST:** Area I: Europe, Seminars Area 1: Europe
IRST: 310, 319, 345, 441
- PHIL:** Area V: History of Philosophy, 422, 423, 424, 426, 451
- POLS:** 321, 324, 351, 352, 357
- THST:** 320, 321, 322, 323, 328, 420, 425, 427

At least 9 semester hours chosen from these courses examining the art and literary works of Europeans, past and present.

- ARCH:** 403
- ARHS:** 303, 304, 306, 315, 410, 413, 415, 419
- CLCV:** 305, 451, 452, 454
- ENGL:** 321, 322, 342, 502, 503, 504, 511, 512, 513, 521, 522, 531, 532, 533, 534, 541, 542, 543, 544, 545, 546, 547, 559, 561
- EURO:** 312, 323, 336, 339, 371, 372, 373, 432
- FILM:** 314, 413 with a European focus, 514
- FNLT:** 341
- FREN:** 333, 334, 341, 431, 432, 443
- GREK:** 311, 312, 321, 322, 331, 415
- GRMN:** 321, 340, 352, 431, 432, 433
- IRST:** 300, 303, 304, 305, 309, 317, 330, 435
- ITAL:** 332, 333, 334, 350, 380, 451
- MDGK:** 341, 354, 450
- SPAN:** 331, 451, 452, 453, 455, 457, 460
- THEA:** 331, 336, 341, 346, 349

One hour: **EURO** 500

Alternatively, students may take a second or third European language for up to 6 hours, and up to the same number of hours will be waived from the total upper division requirement. Students must still meet the University degree requirement of 45 upper division hours.

European Studies majors are encouraged to select core classes with a European focus.

European Studies Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
or	AMCS 100	Intro to American Cultures 3
	AMCS 161	Young America, 1607-1900 (3)
	ENGL 110	College Writing 3
	HIST 100	Found. West. Civ. to 1500 3
	MATH ____	University Core 3
	____ ____	European Language..... 3

		15

<i>Spring Semester</i>		S.H.
	HIST 101	Western Traditions 3
	____ ____	European Language..... 3
	____ ____	Critical/Creative Arts Core 3
	____ ____	Literature Core..... 3
	____ ____	Social Science Core..... 3

		15

Sophomore Year

<i>Fall Semester</i>		S.H.
	HIST ____	Contemporary Societies 3
or	PHIL 160	Phil. of Human Nature 3
	THST ____	University Core (3)
	____ ____	European Language..... 3
	____ ____	CMST/Crit Thinking Core..... 3
	____ ____	Social Science Core..... 3

		15

<i>Spring Semester</i>		S.H.	<i>Spring Semester</i>		S.H.	
or	PHIL 160	Phil. of Human Nature	3	EURO 500	Capstone Project.....	1
	THST ___	University Core	(3)	EURO ___	EURO Upper Division	3
	___ ___	European Language.....	3	EURO ___	EURO Upper Division	3
	___ ___	Critical/Creative Arts Core	3	___ ___	Upper Division Elective.....	3
	___ ___	Science Core	3	___ ___	Elective.....	3
	___ ___	Elective.....	3	___ ___	Elective.....	3
			15			16

Junior Year

<i>Fall Semester</i>		S.H.	
	EURO ___	EURO Upper Division	3
	EURO ___	EURO Upper Division	3
or	PHIL ___	Upper Division PHIL.....	3
	THST ___	Upper Division THST.....	(3)
	___ ___	Upper Division Elective.....	3
	___ ___	Elective.....	3
			15

Students may take no more than ten upper division courses in any one department, except for Philosophy, in which the maximum is thirteen.

EURO 181
European Language and Culture I
3 Semester Hours

Introduction to a specific European language. Designed for complete beginners. No placement test necessary upon on-site arrival.

Only available to LMU Study Abroad Program students.

EURO 182
European Language and Culture II
3 Semester Hours

Designed for false beginners—i.e., students who either took a language a long time ago and do not remember it, or students who were exposed to the language, but not in a formal way—in a specific European language. Students will take a placement test upon on-site arrival to be assigned to the appropriate level.

Only available to LMU Study Abroad Program students.

EURO 198
Special Studies
1-3 Semester Hours

EURO 199
Independent Studies
1-3 Semester Hours

EURO 283
European Language and Culture III
3 Semester Hours

Designed for students with intermediate proficiency in a specific European language. Students will take a placement test upon on-site arrival to be assigned to the appropriate level.

Only available to LMU Study Abroad Program students.

<i>Spring Semester</i>		S.H.	
	EURO ___	EURO Upper Division	3
	EURO ___	EURO Upper Division	3
or	PHIL ___	Upper Division PHIL.....	3
	THST ___	Upper Division THST.....	(3)
	___ ___	Upper Division Elective.....	3
	___ ___	Elective.....	3
			15

Senior Year

<i>Fall Semester</i>		S.H.	
	EURO ___	EURO Upper Division	3
	EURO ___	EURO Upper Division	3
	___ ___	Upper Division Elective.....	3
	___ ___	Upper Division Elective.....	3
	___ ___	Elective.....	3
			15

EURO 284
European Language and Culture IV
3 Semester Hours

Designed for students with intermediate to advanced proficiency in a specific European language. Students will take a placement test upon on-site arrival to be assigned to the appropriate level.

Only available to LMU Study Abroad Program students.

EURO 298
Special Studies
1-3 Semester Hours

EURO 299
Independent Studies
1-3 Semester Hours

EURO 371
European Art and Literature of Consciousness
3 Semester Hours

Comparative study of contemporary European literature and the arts.

(This course can fulfill some of the requirements for the major in European Studies.)

Only available to students in the LMU Summer Study Abroad Program in Paris, France.

EURO 372
Paris through French Film
3 Semester Hours

From French New Wave to the present.

(This course can fulfill some of the requirements for the major in European Studies.)

Only available to students in the LMU Summer Study Abroad Program in Paris, France.

EURO 373
Paris Metisse: Multiculturalism in Paris
3 Semester Hours

The course's objective is to understand the concept of "métissage" in contemporary Parisian society through contact with the modern arts—poetic, pictorial, and musical—through an analysis of various texts and through personal interviews with exiles.

(This course can fulfill some of the requirements for the major in European Studies.)

Only available to students in the LMU Summer Study Abroad Program in Paris, France.

EURO 398
Special Studies
1-3 Semester Hours

EURO 399
Independent Studies
1-3 Semester Hours

EURO 498
Special Studies
1-3 Semester Hours

EURO 499
Independent Studies
1-3 Semester Hours

EURO 500
Capstone Project
1 Semester Hour

The capstone project consists of a portfolio that meets the objectives of the European Studies major.

Credit/No Credit grading.

Prerequisite: Senior standing.

Cross-listed Courses

EURO 312
History of European Film
(See FILM 314)

EURO 324
Art and Architecture of Ancient Greece
(See CLCV 304)

EURO 325
Art and Architecture of Ancient Rome
(See CLCV 306)

EURO 336
Marx and Marxism
(See POLS 324)

EURO 339
History of Christianity I
(See THST 320)

EURO 432
Myth in Literature
(See CLCV 451)

Geography

Director

Peter Hoffman

Objectives

Geography is one of the fundamental disciplines in the social sciences and an essential component in a liberal arts education. The critical importance of geography and the topics addressed by the discipline are recognized by its inclusion in the core curricula of the Bellarmine College of Liberal Arts, the College of Communication and Fine Arts, and the School of Film and Television.

Geography examines the relationships between people and their environment—its focus is sometimes simply referred to as “human ecology.” With a distinctly spatial perspective, geography examines the wide range of places that humans have come to occupy on the Earth. Critical to that examination are an analysis of the ways in which people have modified the environment, for both better and worse, and the long term consequences of such modifications. Geography has also traditionally been the discipline that engages in the systematic study of the world’s diverse countries and regions. With the dramatic political and economic transformations occurring throughout the world as a result of contemporary globalization, regional geographic analysis represents a continuing challenge to the discipline and gains greater importance every day.

Geography Student Learning Outcomes

By virtue of their Geography courses, students should know:

- The general global patterns of major geographic elements and processes
- The regional structures and expressions of human environmental relationships associated with the modern and postmodern realm
- The structures and expressions of human settlement associated with the developed realms/core and those associated with the less developed realm/periphery
- The basic research questions and agendas associated with human and regional geography
- The common theories, practices, and methodologies employed in contemporary human geography
- The global patterns of contemporary societies differentiated by their social and economic structures, values, and practices;

By virtue of their Geography courses, students should be able to:

- Effectively employ contemporary social science methodology in the analysis of environmental and geographic issues
- Demonstrate written and oral competencies in the analysis of environmental and geographic issues and policy
- Identify and utilize appropriate primary data for the analysis of environmental and geographic issues
- Apply their understanding of environmental and geographic issues to the development and critical analysis of programs and policies appropriate to addressing contemporary social and economic problems;

By virtue of their Geography courses, students should value:

- Diverse perspectives in the analysis and assessment of human environmental issues and global policies
- Thoughtful analysis of the implications of human population growth and evolving technologies in the context of social justice and sound environmental practices
- Rigorous, scientific research that enlightens human ecology and contributes to the resolution of social and environmental problems
- Community-based participation in the development of programs and policies that contribute to social, economic, political, and environmental improvement.

GEOG 100

Human Geography

3 Semester Hours

An introduction to general world patterns of major cultural elements and processes and their influence on relationships between human societies and their environment. Cultural and environmental differences between developed and less developed nations and their regional implications in the modern world are emphasized.

GEOG 125

Urban Physical Environment

(See *URBN 125*)

GEOG 198

Special Studies

1-3 Semester Hours

GEOG 298

Special Studies

1-3 Semester Hours

GEOG 299

Independent Studies

1-3 Semester Hours

GEOG 360

Modern Mexico

3 Semester Hours

A survey of the distinctive social, cultural, economic, and political elements of modern Mexico. The environmental and historical basis of the country's recent development is examined.

GEOG 365

Metropolitan Los Angeles

(See URBN 365)

GEOG 378

International Tourism

3 Semester Hours

A survey of the social, cultural, economic, and environmental elements of international tourism with special emphasis on the impacts of the expansion of tourism from the developed nations into the less developed realm. Modern trends in tourism, such as ecotourism, are analyzed for their potential costs-benefits and their implications for careers in the tourist industry.

GEOG 398

Special Studies

1-3 Semester Hours

GEOG 399

Independent Studies

1-3 Semester Hours

GEOG 498

Special Studies

1-3 Semester Hours

GEOG 499

Independent Studies

1-3 Semester Hours

History

Faculty

Chairperson: John H. Grever, C.F.M.M.

Professors: Michael E. Engh, S.J.,

John H. Grever, C.F.M.M., Lawrence J. Jelinek,

Ernest Sweeney, S.J., Joseph S. Tiedemann,

Lawrence A. Tritle

Associate Professors: Najwa Al-Qattan, Cara Anzilotti,

Jok Madut Jok

Assistant Professors: Carla J. Bittel, Constance J.S. Chen,

Elizabeth Drummond, Suzanne O'Brien,

Anthony M. Perron, Nigel A. Raab, Nicholas Rosenthal,

Amy Woodson-Boulton

Objectives

Since history takes all knowledge for its province, it forms a bridge between all disciplines. To arrive at a fuller awareness and understanding of the many vital problems of existence, the Loyola Marymount student requires history, for without a knowledge of man and his past, no one can claim to be an educated individual or can hope to establish perspective and meaning in a course of studies for life.

History also makes an invaluable contribution to an understanding of the learning process itself and to the achievement of "learning goals." In history, the student studies evidence, selects relevant materials, searches for causes and effects, and formulates conclusions. In studying the past, a person must analyze, synthesize, evaluate, and interpret evidence. With knowledge of the historical setting, one can understand and appreciate one's own heritage and culture and the cultural experience of others.

History Student Learning Outcomes

- History students develop an understanding of events, processes, and patterns in the human experience. History students should gain an understanding of how their lives relate to a larger historical process.
- Students should be able to analyze historical texts and to gain an understanding of the methods used in interpreting the past, such as criticism of sources, the definition of historical questions, comparative analysis, and the diverse perspectives of participants in history. They will employ evidence to craft arguments about historical change and analyze the factors that cause change on local, national, and global scales.
- Students should value the vast range of ways in which individuals and societies have responded to the problems confronting them. The insights they have gained through historical analysis will enrich their lives as citizens of an interconnected world.

Major Requirements

Lower Division Requirements:

15 semester hours distributed as follows: HIST 100, 101, 161, 162, and one course selected from HIST 152, 172, 182, and 192. A student must accumulate a C (2.0) average in the prerequisite courses. In addition, the Department recommends the study of geography and foreign languages.

Upper Division Requirements:

24 semester hours in upper division courses.

All major programs must include a course in historical method (HIST 310 or 330) and at least one 500-level seminar. The remaining courses are to be chosen with the approval of the student's advisor, and not more than half of the total 24 semester hours may be taken from one of the following areas: 1) Europe, 2) United States, or 3) Africa, Asia, Latin America and modern Middle East. An average grade of C (2.0) must be obtained in the courses included in the major.

Minor Requirements

21 semester hours. One course must be selected from HIST 100 or 101; one course from 161 or 162. At least 9 semester hours must be from upper division course offerings.

The history minor is a flexible program. Aside from the two lower division course requirements, students can select any history course as long as at least three of the remaining five courses are upper division history courses. However, students might want to consider selecting courses that relate to their major and belong to geographical or thematic units.

History Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as HIST major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
AMCS 100	Intro to American Cultures	3
ENGL 110	College Writing	3
or HIST 100	Found. West. Civ. to 1500	3
or HIST 161	Young America, 1607-1900	(3)
MATH ____	University Core	3
____ ____	Social Science Core	3

		15

<i>Spring Semester</i>		S.H.
or HIST 101	Western Traditions	3
or HIST 162	Contemporary America	(3)
or PHIL 160	Phil. of Human Nature	3
or THST ____	University Core	(3)
____ ____	Critical/Creative Arts Core	3
____ ____	Literature Core	3
____ ____	Social Science Core	3

		15

Sophomore Year

<i>Fall Semester</i>		S.H.
or HIST 100	Found. West. Civ. to 1500	3
or HIST 161	Young America, 1607-1900	(3)
or PHIL 160	Phil. of Human Nature	3
or THST ____	University Core	(3)
____ ____	CMST/Crit Thinking Core	3
____ ____	Science Core	3
____ ____	Elective	3

		15

<i>Spring Semester</i>		S.H.
or HIST 101	Western Traditions	3
or HIST 162	Contemporary America	(3)
or HIST 152	Modern Middle East	3
or HIST 172	Modern Latin America	(3)
or HIST 182	Modern Asia	(3)
or HIST 192	Contemporary Africa	(3)
____ ____	Critical/Creative Arts Core	3
____ ____	Elective	3
____ ____	Elective	3

		15

Junior Year

<i>Fall Semester</i>		S.H.
or HIST 310	History and Historians	3
or HIST 330	History as Detective	(3)
HIST ____	HIST Upper Division	3
or PHIL ____	Upper Division PHIL	3
or THST ____	Upper Division THST	(3)
____ ____	Upper Division Elective	3
____ ____	Elective	3

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<i>Spring Semester</i>		S.H.
HIST ____	HIST Upper Division	3
HIST ____	HIST Upper Division	3
or PHIL ____	Upper Division PHIL	3
or THST ____	Upper Division THST	(3)
____ ____	Upper Division Elective	3
____ ____	Elective	3

		15

Senior Year

<i>Fall Semester</i>		S.H.
HIST ____	HIST Seminar	3
HIST ____	HIST Upper Division	3
____ ____	Upper Division Elective	3
____ ____	Upper Division Elective	3
____ ____	Elective	3

		15

<i>Spring Semester</i>	S.H.
HIST ___ HIST Upper Division.....	3
HIST ___ HIST Upper Division.....	3
___ ___ Upper Division Elective.....	3
___ ___ Elective.....	3
___ ___ Elective.....	3

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Students may take no more than **ten upper division** courses in any one department, except for Philosophy, in which the maximum is thirteen. No more than 12 of the 24 upper division HIST semester hours (including seminars, but excluding HIST 310 or 330) may be taken from one of the following areas: 1) Europe, 2) United States, or 3) Africa, Asia, Latin America, and modern Middle East.

Lower Division Courses

HIST 100
Foundations of Western Civilization to 1500
3 Semester Hours

Survey of Western civilization in the ancient and medieval periods.

HIST 101
Western Traditions
3 Semester Hours

Survey of Western civilization from the Renaissance to the present.

HIST 152
Modern Middle East
3 Semester Hours

An introduction to the social and political history of the Middle East during the 19th and 20th centuries.

HIST 161
Young America, 1607-1900
3 Semester Hours

A survey of American history during the colonial period, the Revolutionary era, and the 19th century.

Fulfills U.S. Constitution requirement.

HIST 162
Contemporary America
3 Semester Hours

The United States from 1900 to the present; emphasis on political and social history.

Fulfills U.S. Constitution requirement.

HIST 172
Modern Latin America
3 Semester Hours

An introduction to 19th- and 20-century developments in Latin America.

HIST 182
Modern Asia
3 Semester Hours

This course introduces major themes in East Asian history and historiography since 1600, comparing the experiences of China and Japan, and placing them in a global context.

HIST 192
Contemporary Africa
3 Semester Hours

An introduction to the history of sub-Saharan Africa, from the colonial to the modern period.

Upper Division Courses

Historical Method Courses

HIST 310
History and Historians
3 Semester Hours

An introduction to the study of history, including historical method, writing of history, and historical interpretation.

HIST 330
History as Detective
3 Semester Hours

This course on historical evidence examines the sources which historians use: oral tradition, archeology, objects, sites, and documents.

Area 1: Europe

HIST 314
Authority and Resistance in Medieval Europe
3 Semester Hours

Discusses the dominant conceptions of spiritual and political authority from the fifth to the fifteenth centuries and their social and intellectual challenges.

HIST 318
Victorians to Moderns
3 Semester Hours

Covers the enormous changes in society and technology, art and science, gender and religion from Victoria's reign through the First World War and the Great Depression.

HIST 322

Seventeenth-Century Europe

3 Semester Hours

An examination of the social, political, and cultural developments in continental Europe during the Age of the Baroque.

HIST 324

Revolutionary Europe, 1750-1850

3 Semester Hours

A study of European cultural change ranging from Romanticism to industrialization, materialism to religious revival.

HIST 326

Nineteenth-Century Europe, 1815-1914

3 Semester Hours

An investigation into the political, social, and economic crises of the European nations between the Congress of Vienna and the outbreak of World War I.

HIST 327

Twentieth-Century Europe

3 Semester Hours

Europe from 1900 to the present with emphasis on political and social history.

HIST 328

States and Nations in Eastern Europe, 1795-1991

3 Semester Hours

An analysis of the forces of nationalism and socialism in the history of modern Eastern Europe. The course will focus on the interrelated cases of Russia, Ukraine, Poland, and the Baltic states.

HIST 335

Women in European History

3 Semester Hours

An analysis of how philosophical constructs, religion, education, employment, and family structures have defined the role of women since the Renaissance.

HIST 405

History of Ancient Greece

3 Semester Hours

The history of Greece from its origins to the death of Philip of Macedon.

HIST 406

Alexander and the Hellenistic World

3 Semester Hours

An investigation of the spread of Greek culture through the lands of the successors of Alexander the Great and its relations with the older civilizations of the known world.

HIST 407

Ancient Rome

3 Semester Hours

The history of Rome from its origins to the creation of the empire.

HIST 408

Imperial Rome

3 Semester Hours

A study of the Roman Empire and world to the seventh century and the end of antiquity.

HIST 410

History of the Byzantine Empire

3 Semester Hours

A study of the eastern Roman Empire to its fall in 1453. Topics include the Byzantine recovery, the Slavic and Moslem invasions, and the Crusades.

HIST 411

The Rise of Medieval Europe

3 Semester Hours

Traces the emergence of a coherent European civilization from the collapse of Roman power in the fifth century to the rise of new forms of Latin Christian unity in the eighth through eleventh centuries.

HIST 412

The Transformation of Medieval Europe

3 Semester Hours

Examines the fragmentation of the medieval forms of European unity from the twelfth through sixteenth centuries. Topics include political and social change, questions of authority, and religious strife.

HIST 414

The Crusades

3 Semester Hours

A study of the origins and the impact of the Crusades on medieval Europe and on the Middle East.

HIST 418**From Viking to Crusader***3 Semester Hours*

Studies the Viking invasions of the Early Middle Ages, pre-Christian Scandinavian religion, Christianization, Norse colonization from Russia to North America, and the complex “Europeanization” of the Vikings in the eleventh through thirteenth centuries.

HIST 420**Age of the Renaissance***3 Semester Hours*

A study of the origins and character of the Renaissance in Italy; its social, political, and economic context; and its cultural expressions.

HIST 422**Age of the Reformation***3 Semester Hours*

The religious, political, and cultural upheaval of the Protestant challenge to medieval Christendom and the Catholic response.

HIST 425**The French Revolution***3 Semester Hours*

An inquiry into the causes of the fall of the French monarchy, the creation of a civic order, a new political culture, and the impact of war and terror on French society.

HIST 430**The Rise of Russia, 900-1825***3 Semester Hours*

A study of the origins of the Russian Empire from the arrival of the Vikings to the emergence of Russia as a Great Power. Topics include autocracy, serfdom, religious revolts, imperial expansion, and competitive emulation of the West.

HIST 431**Modern Russia, 1825-1991***3 Semester Hours*

Traces the revolutionary challenges to the Romanov dynasty, attempts to modernize the multi-national empire, the revolution and civil war, and the interplay between communism and nationalism in the history of the Soviet Union.

HIST 435**Modern Germany***3 Semester Hours*

An analysis of the political, economic, social, and cultural developments during the 19th and 20th centuries.

HIST 444**Tudor and Stuart England***3 Semester Hours*

An examination of the relations between the English monarchs and their parliaments during the Tudor and Stuart periods, intending to show conflict and collaboration, and the role of political and economic interest groups.

HIST 446**Modern Britain***3 Semester Hours*

How Britain became the world's first industrial nation, came to rule over a quarter of the world's population, became a democracy, lost an empire, and joined the European Union.

HIST 447**Modern Ireland***3 Semester Hours*

Covers key events of Ireland's struggle for independence, incorporating debates about the uses of history and memory, the formation of national identity, and the politics of nostalgia.

HIST 448**The British Empire***3 Semester Hours*

An examination of the rise of the British empire, its impact on British and colonial culture, and its collapse and imperial legacy.

HIST 450**Modern Greek History and Society***3 Semester Hours*

An examination of the crises and challenges that have shaped modern Greek society, the transformations that have taken place, and the culture and literature it produced.

Area 2: United States**HIST 340****American Slavery and Racism***3 Semester Hours*

A survey of the origins and evolution of slavery and racism in American society.

HIST 345**War and Violence in America***3 Semester Hours*

An examination into the various incidents of war and violence to show how they have affected the American experience.

HIST 351

American Reform Movements

3 Semester Hours

An examination of the major movements for reform of American society, with emphasis on abolitionism, Women's Rights, Progressivism, and Civil Rights.

HIST 352

Health and Disease in American Culture

3 Semester Hours

The history of health, medicine, and disease in the American social and cultural context, from the colonial period to the present.

HIST 354

Women in Early American History

3 Semester Hours

An exploration of women's experience in American history from the colonial period to the end of the 19th century, with emphasis on such variables as class, race/ethnicity, and region and the changing role of women in both the private realm of the family and in public life.

HIST 355

Women in Modern American History

3 Semester Hours

History of women's experience in American history from the late 19th century to the present, considering the impact of changing gender roles on American society, culture, and politics.

HIST 356

The American Family

3 Semester Hours

Traces the changing nature of the family in America from the colonial period to the present, with emphasis on the difference in family forms and experiences by region, race, and class.

HIST 357

Immigrant American

3 Semester Hours

A study of the patterns of emigration and assimilation for European, New World, and Asian immigrants to the United States from the colonial period to the present.

HIST 360

Chicana/o History

(See CHST 360)

HIST 365

The American West

3 Semester Hours

An examination into the patterns of frontier settlement from the colonial period to 1890 and the regional history of the trans-Mississippi West from 1890 to the present.

HIST 366

History of California

3 Semester Hours

The political, economic, social, and cultural development of California from its Spanish origins to the present.

HIST 367

History of Los Angeles

3 Semester Hours

An inquiry into the multi-cultural origins and development of Los Angeles and the challenges facing the modern urban center.

HIST 368

Hollywood and History

3 Semester Hours

An examination of the American motion picture industry and the films it produced from the 1890s through the 1960s, including a study of shifting gender, class, racial, and ethnic positionings.

HIST 389

The Invention of Communities

3 Semester Hours

Examines a multitude of socio-economic and cultural conditions that have caused the formation and the disintegration of communal bonds in 19th- and 20th-century United States.

HIST 460

Colonial America, 1607-1763

3 Semester Hours

Origin and growth of the English colonies from 1607; the development of colonial economic, social, and intellectual life.

HIST 461

Revolutionary America, 1763-1787

3 Semester Hours

The origins, course, and results of the American Revolution; the Articles of Confederation.

HIST 462**Founding Fathers***3 Semester Hours*

Formation of the Constitution; formation of political parties; cultural, economic, social, and diplomatic developments.

HIST 463**Jacksonian America, 1815-1845***3 Semester Hours*

A study of thirty pivotal years in American history, focusing on the social, cultural, economic, and political developments of the era.

HIST 464**The Civil War and Reconstruction***3 Semester Hours*

A history of the Civil War era that covers the causes, fighting, and consequences of the war, as well as the problems and challenges of Reconstruction.

HIST 465**The Age of Theodore Roosevelt***3 Semester Hours*

A study of the age of Populism, Progressivism, overseas expansion, and American involvement in World War I.

HIST 466**The Rise of Modern America, 1920-1945***3 Semester Hours*

A study of the emergence of the mass consumption culture, the Great Depression, the rise of the welfare state, and World War II.

HIST 467**Recent America, 1945 to the Present***3 Semester Hours*

This course examines the dimensions of affluence and poverty, the politics of the welfare state, the Cold War, and détente.

HIST 468**Social and Cultural History of the United States in the Nineteenth Century***3 Semester Hours*

A historical overview of 19th-century America through a social and cultural lens, including such topics as industrialization, urbanization, religion, literature, westward migration, class formation, gender roles, and notions of race.

HIST 478**Asian Pacific American History***3 Semester Hours*

Traces the many-faceted histories of Asian Americans and Pacific Islanders from cross-cultural and transnational perspectives, focusing on interactions and exchanges between Asian Pacific Americans and various ethnic and racial groups.

HIST 479**The Politics and the Culture of the Cold War, 1917-1989***3 Semester Hours*

An inquiry into the impacts of the Cold War on American domestic policies, foreign relations, as well as cultural and social developments.

HIST 488**Consensus and Conflict: America in the 1950s and 1960s***3 Semester Hours*

This upper division class will focus on 1950s and 1960s United States. Some of the issues that will be addressed include the counterculture, the Civil Rights Movement, and changing gender ideals.

Area 3: World Regions**HIST 300****History of Global Encounters before 1500***3 Semester Hours*

A history of global encounters among the regions of the Middle East, the Mediterranean World, Europe, and Asia. It will include a focus on the exchange of ideas, trade, and cultural developments.

HIST 301**History of Global Encounters after 1500***3 Semester Hours*

A history of global encounters during the early modern and modern periods that includes the regions of the Middle East, Africa, Latin America, Asia, and Europe. It will examine the global impact of Christianity, Islam, and the market economy. Through the use of primary and secondary sources, different interpretations are offered on historic and current events.

HIST 338**Islam in History***3 Semester Hours*

The study of the role of Islamic culture and institutions in the social and political history of the Middle East from the rise of Islam to the present.

HIST 372**History of Mexico**

3 Semester Hours

An analysis of the colonial and national periods, with emphasis on 20th-century revolution and socio-economic development.

HIST 390**African Kingdoms**

3 Semester Hours

A study of significant kingdoms of Black Africa exploring the major themes of the period.

HIST 392**Colonial Africa: 1860-1980**

3 Semester Hours

A study of the inception and development of European rule over various parts of Africa by European imperialists of the 19th century.

HIST 395**Orientalism**

3 Semester Hours

This course will introduce students to the history of Euro-American discourse on the "East," often referred to as Orientalism, and its social, political, and cultural consequences for both "westerners" and people in the Middle East or Asia.

HIST 455**The Ottoman Empire**

3 Semester Hours

A study of the Ottoman Empire from the Fall of Constantinople in 1453 until its dismemberment in 1918.

HIST 458**Society and Culture in the Modern Middle East**

3 Semester Hours

A topical exploration of the history and politics of the Middle East in the 20th century that will be based on essays and novels written by Middle Eastern men and women.

HIST 459**The Palestine/Israel Conflict**

3 Semester Hours

This course will trace the history of the conflict from its beginnings in the 19th century to the present. It will cover Zionism, Ottoman Palestine, and the conflict itself in its regional and international contexts.

HIST 474**Brazil**

3 Semester Hours

Brazil from colonial times to the present, analyzing national development, major socio-economic problems, class, caste, power, poverty, and revolution.

HIST 482**Imperial China**

3 Semester Hours

This course explores the origins of Chinese civilization and culture and the growth of the Chinese Imperial state from earliest times to the early 19th century, just prior to full-scale contact with the Western world.

HIST 483**Modern China**

3 Semester Hours

This is a course on modern Chinese history from the mid-nineteenth century to the present. Major themes examined are the collapse of the traditional Chinese world order, the failure of the republican revolution of 1911, the birth of Chinese nationalism, Mao Zedong's Chinese communism, and Deng Xiaoping's strategy for modernization.

HIST 484**Samurai in Japanese History**

3 Semester Hours

This course explores the cultural, political, religious, and military history of the samurai as a status group from their earliest emergence in Japan to the collapse and abolition of samurai rule in Japan's quest to remake itself as a modern nation-state in the 19th century.

HIST 485**Twentieth-Century Japan**

3 Semester Hours

This course examines the history of Japanese experiences of modernity across the 20th century, focusing on the diversity, unevenness, and conflicts that are often elided by assertions of Japanese homogeneity.

HIST 490**The Quest for the Nile's Source**

3 Semester Hours

A study of the quest for the source of the Nile River and the interaction of African, European, and Asian peoples in the area.

HIST 491**South Africa***3 Semester Hours*

The history of South Africa during the last two centuries with emphasis on political rivalries, apartheid, and economic development.

HIST 494**Bodies and Gender in Japanese History***3 Semester Hours*

This course investigates how embodiment, a fundamental aspect of human experience, varies over time and across cultures. Readings and lectures compare Euro-American ideas about bodies and gender with Japanese examples from various time periods.

Seminars**Area 1: Europe****HIST 501****Seminar in European History***3 Semester Hours***HIST 505****Seminar in Ancient History***3 Semester Hours***HIST 510****Seminar in Medieval History***3 Semester Hours***HIST 515****Seminar in Early Modern Europe***3 Semester Hours***HIST 520****Seminar in Modern Europe***3 Semester Hours***Area 2: United States****HIST 550****Seminar in American History***3 Semester Hours***HIST 555****Seminar in Early America***3 Semester Hours***HIST 560****Seminar in 19th Century America***3 Semester Hours***HIST 565****Seminar in Recent America***3 Semester Hours***Area 3: World Regions****HIST 568****Seminar in Comparative/Global History***3 Semester Hours***HIST 570****Seminar in Latin America***3 Semester Hours***HIST 580****Seminar in Asian History***3 Semester Hours***HIST 585****Seminar: Achilles in Vietnam***3 Semester Hours***HIST 590****Seminar in African History***3 Semester Hours***HIST 595****Seminar in Modern Middle East***3 Semester Hours***Senior Thesis****HIST 500****Senior Thesis***3 Semester Hours*

A course for those students who wish to conduct independent research under faculty direction.

Special and Independent Studies**HIST 398****Special Studies***1-3 Semester Hours***HIST 399****Independent Studies***1-3 Semester Hours***HIST 498****Special Studies***1-3 Semester Hours***HIST 499****Independent Studies***1-3 Semester Hours***HIST 598****Special Studies***1-3 Semester Hours***HIST 599****Independent Studies***1-3 Semester Hours*

Humanities

Director

Katerina Zacharia

Objectives

The Humanities major is designed to meet the needs of a student who has a broad interest in liberal arts but whose interest would not be served by a major program within a single department. The Humanities major is an interdisciplinary program. In the first two years the student acquires a broad background in the arts, history, and literature. Language study through the advanced level is also required. In the second two years, the student concentrates in a particular area of interest. The concentration consists of five (5) upper division courses taken from departmental offerings in Archaeology, Art History, Classics, English, French, German, Greek, History, Italian, Latin, Philosophy, Spanish, or Theological Studies. The concentration is then supported by two (2) upper division history or philosophy courses and two (2) upper division courses in either an ancient or a modern literature selected in consultation with the Humanities advisor. Each student is required to complete a senior thesis (HMNT 490). The topic will stem from the student's concentration and after consultation with the Director and the senior thesis advisor. The Director and the student will identify a particular faculty member in the field of his/her concentration as an advisor. The student will then work closely with the advisor to produce a thesis which analyzes the chosen topic from the perspectives of language, literature, art history, history, and philosophy. The senior thesis project will be reviewed and graded by the thesis advisor in consultation with the Director.

The program is a fine preparation for students interested in professional courses in law, business, or education. Also, the program is designed to allow students to complete a major in a departmental area which would qualify them for graduate studies.

Humanities Student Learning Outcomes

By virtue of pursuing a major in Humanities,

Students should know:

- How knowledge has been pursued, established, and critically evaluated in the three different disciplines representing their concentration, their literature support, and their historical or philosophical support
- The various ways in which artists have developed the fine arts to convey their sense of the world's surface and its depth

- A foreign language
- The content as well as analytical and communicative skills that the disciplines study of their concentration demands;

Students should be able to:

- Communicate insights clearly, effectively, and with nuance in both oral and written form
- Synthesize insights from a variety of disciplines
- Develop insights from one discipline for the enrichment of others;

Students should value:

- The variety of ways in which cognitive, moral, and aesthetic disciplines have enriched our sense of the human condition
- The further pursuit of those disciplines, as required by their deeper sense of the complexity of the human condition
- Their responsibility to serve the world as whole persons, with head, heart, and hand.

Major Requirements

Lower Division Requirements:

15 semester hours distributed as follows:

6 semester hours from: ARHS 200, 201, 202.

3 semester hours in Studio or Performance Arts.

6 semester hours from one of the following language sequences:

CHIN 203, 204;

FREN 203, 204;

GREK 201, any upper division Greek;

GRMN 201, 202;

ITAL 203, 204;

JAPN 203, 204;

LATN 201, any upper division Latin;

MDGK 203, 204;

SPAN 203, 204.

An average grade of C (2.0) must be obtained in courses included in the major.

Upper Division Requirements:

30 semester hours in upper division courses distributed as follows:

15 semester hours in concentration in a departmental major.

6 semester hours in either an ancient or a modern literature which supports the concentration.

6 semester hours in either history or philosophy which supports the concentration.

3 semester hours for the Senior Thesis (HMNT 490) in the final semester.

An average grade of C (2.0) must be obtained in courses included in the major.

The choice of a concentration and of support courses must be formally approved by the Director.

Humanities Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
or	AMCS 100 Intro to American Cultures	3
	or AMCS 161 Young America, 1607-1900	(3)
	ENGL 110 College Writing	3
or	HIST ____ University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
	or THST ____ University Core	(3)
	MATH ____ University Core	3
	____ ____ Foreign Language (100-level)	3
		15

<i>Spring Semester</i>		S.H.
	ART ____ Studio/Performing Arts Core	3
or	HIST ____ University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
	or THST ____ University Core	(3)
	____ ____ Foreign Language (100-level)	3
	____ ____ Literature Core	3
	____ ____ Social Science Core	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
	ARHS 200 Art of the Western World I	3
or	ARHS 201 Art of the Western World II	(3)
or	ARHS 202 Modernism	(3)
or	HIST ____ University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
	or THST ____ University Core	(3)
	____ ____ CMST/Crit Thinking Core	3
	____ ____ Foreign Language (200-level)	3
	____ ____ Social Science Core	3
		15

<i>Spring Semester</i>		S.H.
	ARHS 200 Art of the Western World I	3
or	ARHS 201 Art of the Western World II	(3)
or	ARHS 202 Modernism	(3)
or	HIST ____ University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
	or THST ____ University Core	(3)
	____ ____ Foreign Language (200-level)	3
	____ ____ Science Core	3
	____ ____ Elective	3
		15

Junior Year

<i>Fall Semester</i>		S.H.
or	PHIL ____ Upper Division PHIL Core	3
	or THST ____ Upper Division THST Core	(3)
or	HIST/PHIL UD Hist. or Phil. (support)	3
	____ ____ Upper Div. Lit. (support)	(3)
	____ ____ Upper Div. Concentration	3
	____ ____ Upper Division Elective	3
	____ ____ Elective	3
		15

<i>Spring Semester</i>			S.H.
PHIL	___	Upper Division PHIL Core	3
or			
THST	___	Upper Division THST Core	(3)
HIST/PHIL		UD Hist. or Phil. (support)	3
or			
___	___	Upper Div. Lit. (support)	(3)
___	___	Upper Div. Concentration	3
___	___	Upper Division Elective.....	3
___	___	Elective.....	3
			15

Senior Year

<i>Fall Semester</i>			S.H.
HIST/PHIL		UD Hist. or Phil. (support)	3
or			
___	___	Upper Div. Lit. (support)	(3)
___	___	Upper Div. Concentration	3
___	___	Upper Div. Concentration	3
___	___	Upper Division Elective.....	3
___	___	Elective.....	3
			15

<i>Spring Semester</i>			S.H.
HMNT 490		Senior Thesis.....	3
HIST	___	Upper Div. History (support).....	3
or			
___	___	Upper Div. Lit. (support)	(3)
___	___	Upper Div. Concentration	3
___	___	Upper Division Elective.....	3
___	___	Elective.....	3
			15

Students may take no more than **ten upper division** courses in any one department, except for Philosophy, in which the maximum is thirteen.

HMNT 490

Senior Thesis

3 Semester Hours

The student completes a substantive research project on his/her concentration, approaching it from the perspectives of language, literature, art history, history, and philosophy.

Prerequisites: Senior standing and consent of Director.

Irish Studies

Director

John Menaghan

Objectives

Irish Studies is an interdisciplinary minor designed to complement a wide variety of majors by providing students with an understanding of the historical and cultural development of the Irish people and the significance of their intellectual, artistic, spiritual, and economic contribution to world civilization, including their experiences as both a post-colonial nation and an emigrant diaspora. Taken together, Ireland's historical evolution; its long experience of colonization and cultural oppression; its rich contribution to world literature, art, and music; the creative tension in contemporary Ireland between its ancient Celtic heritage and its modern Anglo-Irish/Hiberno-English identity; and its remarkable though often unacknowledged influence upon the countries—chiefly the United States, Great Britain, Canada, Australia, New Zealand and South Africa—that make up the far-flung Irish diaspora constitute a fertile field for intellectual inquiry.

Focused simultaneously on a small nation on the edge of Europe and a far-flung diaspora and offered within the context of the most culturally diverse city in the world, the minor in Irish Studies is designed to be not merely interdisciplinary but intercultural. At a time when the nearly simultaneous phenomena of a European drive toward unification and an American emphasis on diversity both complicate and enrich our very notions of what constitutes a nation, culture, or people, students minoring in Irish Studies will have the flexibility to explore the richness of the Irish experience from a broad range of perspectives and the opportunity to assess its influence not only in Europe and America but on struggles against cultural and political oppression around the globe.

Irish Studies Student Learning Outcomes

Students minoring in Irish Studies are given opportunities to learn about:

- The general history of Ireland and the Irish diaspora
- The distinctive literary achievements of the Irish
- Irish achievements in cinema and dance
- Historical, religious, and moral issues in contemporary Irish politics
- The intersection/intermingling of Celtic and Christian worldviews
- The connection of Irish struggles for freedom and self-determination to similar struggles in the United States and around the world;

Students minoring in Irish Studies will be given opportunities to develop:

- Their ability to perform research into several distinct aspects of the Irish experience
- Their ability to compose well-written and thoughtful essays on Irish history, politics, religion, and culture
- Their ability to evaluate and appreciate Irish achievements in the arts
- Their ability to make connections across disciplines, countries, and cultures;

Students minoring in Irish Studies will be encouraged to value:

- The Irish struggle against cultural and political oppression and its relation and continuing relevance to similar struggles around the world
- The distinctive contributions of the Irish to European, American, and world civilization.

Study Abroad

Students can earn up to six credits toward the minor in Irish Studies in the LMU Summer in Ireland Program at Trinity College Dublin, one of the oldest and most renowned universities in the world. Students can also arrange to spend a semester or year abroad at an Irish university.

Minor Requirements

18 semester hours, including at least one course in Irish literature and one in Irish history. At least 12 semester hours must be in upper division courses. An average grade of C (2.0) must be maintained in Irish Studies courses.

IRST 198

Special Studies

1-3 Semester Hours

IRST 199

Independent Studies

1-3 Semester Hours

IRST 298

Special Studies

1-3 Semester Hours

IRST 299

Independent Studies

1-3 Semester Hours

IRST 300

Modern Irish Literature

3 Semester Hours

A study of Irish literature from 1900 to World War II.

IRST 302
(Un)Civil (W)Rites: Contemporary African American, Northern Irish, and Native American Literature

3 Semester Hours

A comparative study of three different bodies of literature produced in response to the Civil Rights Movement and its aftermath.

IRST 303
Contemporary Irish Literature

3 Semester Hours

A study of Irish Literature from the end of World War II to the present.

IRST 304
The Irish Renaissance

3 Semester Hours

A study of the period from the 1890s through the 1920s in Ireland focusing on the effort of Irish writers and others to preserve the rich legacy of Irish culture and carry it forward into the modern age.

IRST 305
Irish Short Story

3 Semester Hours

In this course we will examine the rich and varied achievements in the genre of the short story by a wide range of modern and contemporary Irish writers.

IRST 309
Ireland in Fiction and Film

3 Semester Hours

An examination of the diverse images of Ireland put forth by various writers and directors.

Usually taught in Dublin, Ireland.

IRST 310
Ireland: Riots, Rebellion, Revolution

3 Semester Hours

An examination of Ireland's struggle for independence from England, ranging from Cromwell's conquests to the current "Troubles."

IRST 330
Irish Drama

3 Semester Hours

A study of Irish drama from Yeats to Beckett and beyond.

Usually taught in Dublin, Ireland.

IRST 398
Special Studies

1-3 Semester Hours

IRST 399
Independent Studies

1-3 Semester Hours

IRST 441
Irish Moral and Political Philosophy

3 Semester Hours

An examination of historical, religious, and moral issues in contemporary Irish politics. Topics include "The Troubles" in Irish cinema, political sovereignty, the use of violence to achieve political ends, and the morality of hunger strikes.

Usually taught in Dublin, Ireland.

IRST 498
Special Studies

1-3 Semester Hours

IRST 499
Independent Studies

1-3 Semester Hours

Cross-listed Courses

IRST 310
Modern Ireland

(See HIST 447)

IRST 311
Immigrant America

(See HIST 357)

IRST 317
Victorians to Moderns

(See HIST 318)

IRST 319
The British Empire

(See HIST 448)

IRST 345
Celtic Christianity

(See THST 323)

IRST 350
World Dance: Ireland

(See DANC 397)

IRST 435
National Film: Ireland

(See FILM 413)

Note:

Courses offered in other departments and programs may be used as semester hours to fulfill the minor requirements in IRST, provided the student receives approval of the Director in advance of taking the course. Students seeking such approval must arrange with the relevant instructor to complete a substantial paper/project on Ireland and/or the Irish diaspora and must submit a copy of same to the Director at the end of the course. No more than nine semester hours (3 such courses) may be applied toward the 18 total semester hours required to complete the Irish Studies minor. Such courses may also have departmental prerequisites; consult course descriptions for further details.

Liberal Arts

The following courses, offered by the Bellarmine College of Liberal Arts, are designed to enrich the academic, career-related, and life skills of our students.

LIBA 101 **Mastering Educational Technology** *1 Semester Hour*

A competence-based course designed to prepare first-year students to use the tools to conduct basic research, creative writing, and other academic work. Consideration of academic honesty and ethics will also be discussed.

Credit/No Credit grading.

LIBA 125 **Study and Library Research Skills** *1 Semester Hour*

This course covers academic skills for a successful university experience, including time management, library research processes, note taking, reading for meaning, avoiding plagiarism, and using MS Office applications.

Credit/F grading.

LIBA 170 **An Orientation to Learning I** *1 Semester Hour*

Information on coping with the technicalities of being a college student—registration, matriculation, library use, study skills, learning resources, career planning, college re-entry. Credit applicable for baccalaureate degree is determined by individual colleges.

Encore students only.

Credit/No Credit grading.

LIBA 171 **An Orientation to Learning II** *1 Semester Hour*

Prerequisite: LIBA 170.

Encore students only.

Credit/No Credit grading.

LIBA 198 **Special Studies** *1-3 Semester Hours*

LIBA 199 **Independent Studies** *1-3 Semester Hours*

LIBA 250 **Strategies for Career Development** *2 Semester Hours*

This course utilizes the popular models of career theory and traditional personality assessments to help students identify interests, skills, and values and describe how they relate to a career choice. The decision-making model is utilized to synthesize personal information, and research is conducted on employment trends. By the end of the course, students will be familiarized with the job search process including resume writing, interviewing skills, and job search strategies.

Credit/No Credit grading.

LIBA 251 **Career Development Internship** *1 Semester Hour*

Engage in a mentoring/training type relationship with an employer in a career field of interest. Internships are established through the office of Career Development Services to aid in career decision-making, to make contacts with employers, and to evaluate employment opportunities firsthand.

Credit/No Credit grading.

LIBA 291 **Intercultural Practicum I** *1 Semester Hour*

This course will teach students advanced human relations skills and provide them the occasion for integrating intercultural theory and practice in an increasingly diverse society.

Credit/No Credit grading.

LIBA 292 **Intercultural Practicum II** *2 Semester Hours*

This course will teach students advanced skills in cross-cultural conflict management, intercultural leadership, strategies for organizational change in multiethnic settings, institutionalizing social change, and preparing personal action plans.

Prerequisite: LIBA 291.

Credit/No Credit grading.

Completion of LIBA 291 and 292 earns the Certificate for Intercultural Competence.

LIBA 298 **Special Studies** *1-3 Semester Hours*

LIBA 299
Independent Studies*1-3 Semester Hours*

LIBA 300
Internship*0 Semester Hours*

This course provides a supervised internship either on or off campus.

Credit/No Credit grading.

LIBA 398
Special Studies*1-3 Semester Hours*

LIBA 399
Independent Studies*1-3 Semester Hours*

LIBA 400
Subject Mastery Portfolio*1 Semester Hour*

This course assists Liberal Studies majors in completing the Subject Mastery Portfolio portion of the Liberal Studies major.

Liberal Studies majors only. Seniors only.

Credit/No Credit grading.

LIBA 495
Seminar in College Teaching*3 Semester Hours*

Seminar for students serving as teaching assistants in undergraduate courses. Topics include college teaching techniques, problems, and ethical considerations.

Consent of instructor required.

Prerequisite: Senior standing.

LIBA 498
Special Studies*1-3 Semester Hours*

LIBA 499
Independent Studies*1-3 Semester Hours*

Liberal Studies

Director

Linda Matthews

Objectives

The Liberal Studies program enables the student to meet the teacher preparation standards mandated by the California Commission on Teacher Credentialing. The Liberal Studies program curriculum likewise serves the Loyola Marymount University mission.

Liberal Studies Student Learning Outcomes

The Liberal Studies program student will master the content required of professional educators in the State of California, to include:

- Key concepts in the following academic fields: the social sciences and history, the arts and humanities, language studies, mathematics and science, health, physical education, human development, and in an approved academic concentration of the candidate's choice
- Candidates will demonstrate their mastery of the subject matter by successfully passing the CSET (California Subject Examination for Teachers) at the completion of their coursework;

The Liberal Studies program student will master the skills required of professional educators in the State of California:

- To synthesize subject content in the liberal arts, professional content related to classroom teaching, and educational policies
- To apply reading, writing, and research skills appropriate to the work of the academic disciplines being studied
- To apply academic concepts to practical teaching contexts
- To analyze, reflect on, and evaluate the relationships among academic theories, the practical and applied contexts of teaching, and the multiple and complex needs of students comprising a rich and diverse globe
- Candidates will demonstrate the ability to synthesize and the other skills listed above in an exit interview conducted by the Director of Liberal Studies at the completion of required coursework;

The Liberal Studies program student will value:

- Intellectual inquiry across a range of subjects
- A world view comprising faith, social justice, and a respect for diversity
- The individual's role as a future educator who will shape the lives of children, local communities, and larger national and global societies.

There are five components to the Liberal Studies major:

I. University Core Curriculum

50 Semester Hours

Because the subject-matter requirements set by the Commission on Teacher Credentialing are very specific, many of the core requirements for Liberal Studies majors are specified and may differ from those of other majors within the Bellarmine College of Liberal Arts. These core requirements are as follows:

- College Writing (3 semester hours): ENGL 110;
- Communication or Critical Thinking (3 semester hours): choice of one of the following: CMST 100, 110, 140, or 206;
- History (6 semester hours): HIST 300 and 301;
- Social Sciences (6 semester hours): PSYC 100 and choice of one of the following: AFAM 115, APAM 117, or CHST 116;
- American Cultures (3 semester hours): HIST 161 (fulfills the U.S. Constitution requirement for credential candidates);
- Literature (3 semester hours): choice of one of the following drama-based courses: CLCV 210, 220; ENGL 150, 170; THEA 240, 245;
- Mathematics (see major requirements)
- Science and Technology (8 semester hours): NTLS 270 and 271 (4 semester hours each);
- Fine Arts Critical (3 semester hours): MUSC 104;
- Fine Arts Creative (3 semester hours): ART 250;
- Philosophy (6 semester hours): PHIL 160 and one course from PHIL 320-330;
- Theological Studies (6 semester hours): one course from the THST 100-level series and one course from the 300-level series.

II. Liberal Studies Major Requirements

24 Semester Hours

DANC 384: Creative Dance for Children (3 semester hours)

DANC 385: Movement Arts for Children (3 semester hours)

ENGL 305: Advanced Composition for Credential Candidates (3 semester hours)

ENGL 346: Children's Literature (3 semester hours)

HIST 366: History of California (3 semester hours)

MATH 106, 107: Mathematics for Elementary Teachers I, II (6 semester hours) Liberal Studies majors must either pass out of or take MATH 101 as a prerequisite to MATH 106, 107.

PSYC 352: Developmental Psychology (3 semester hours)

III. Education Program Requirements

21 Semester Hours

EDUC 400: Sociocultural Analysis of Education (3 semester hours)

EDUC 401: Educational Psychology for the Childhood and Adolescent Years (3 semester hours)

EDUC 409: Reading and Language Arts in the Elementary Curriculum (3 semester hours)*

EDUC 414: Theories of Second Language Acquisition (3 semester hours)

EDUC 425: Methods in English Language Development/ Specially Designed Academic Instruction in English (3 semester hours)*

EDUC 434: Elementary Curriculum and Methods (3 semester hours)*

EDUC 440: Introduction to the Culturally and Linguistically Diverse Student with Exceptional Needs (3 semester hours)

EDUC 8000: Health Education in the Schools (0 semester hours)

* Starred courses require a separate application to and acceptance into the Elementary Education program or the Mild/Moderate Specialist Credential program. Acceptance into either of these programs requires an LMU cumulative GPA of 2.8. See the Director of Liberal Studies for other application requirements.

IV. Concentration

12-18 Semester Hours

In addition, Liberal Studies majors also fulfill a concentration (generally, 12 upper division semester hours) in a subject commonly taught in elementary schools or closely related areas of study. Courses applying to the concentration may not be those required of all Liberal Studies majors (see above). With careful planning the concentration can constitute most, if not all, of an LMU minor. See the Director of Liberal Studies for qualifying concentrations and their specific requirements.

V. Electives

Remaining baccalaureate units are elective. They may include the 9 semester hours of student teaching, after the Education program requirements have been completed.

Liberal Studies Model Four-Year Plan

This model is based on the student having a 12-semester-hour concentration. Students with larger concentrations or required to take MATH 101 will need to work those courses into their schedules—overloading some semesters and/or taking summer courses. This model also includes some 0-semester hour Education requirements (TPAs: Teaching Performance Assessments which students fulfill once accepted into the Education program) which are not part of the Liberal Studies degree but are required for the teaching credential; they are represented on the model plan during the semesters in which the School of Education anticipates they would be fulfilled. In addition, before being granted the teaching credential, candidates must demonstrate basic computer skills and knowledge of health education in the schools; this is accomplished through LMU Extension EDUX 842, a short course which students must arrange to take on their own before admission into the School of Education program.

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Before beginning EDUC 410: Directed Teaching, Elementary, credential candidates are required to take the CSET examination. For information about this exam, see the School of Education.

Freshman Year

<i>Fall Semester</i>		S.H.
ART	250	Visual Arts for Elem. Educ..... 3
ENGL	110	College Writing 3
HIST	161	Young America, 1607-1900 3
or	_____	Ethnic Studies (3)
MATH	106	Math for Elem. Teachers I 3
PSYC	100	General Psychology 3

<i>Spring Semester</i>		S.H.
HIST 161	Young America, 1607-1900	3
or	_____	_____
	Ethnic Studies	(3)
MATH 107	Math for Elem Teachers II	3
CMST _____	CMST Core.....	3
PHIL 160	Phil. of Human Nature	3
or	THST _____	_____
	University Core	(3)
_____	Literature Core.....	3

		15

Sophomore Year

<i>Fall Semester</i>		S.H.
and/or	EDUC 400*	Sociocult. Analysis of Educ
		3
and/or	EDUC 401	Educ. Psych. Childhood.....
		(3)
and/or	EDUC 414	Theories 2nd Lang. Acq.....
		(3)
and/or	EDUC 440	Intro Cult./Ling. Diverse
		(3)
	EDUC 8000**	Health Education
		0
	MUSC 104	Fundamentals of Music.....
		3
	NTLS 270	Experimenting in Science I
		4
	PHIL 160	Phil. of Human Nature
		3
	THST _____	_____
		University Core
		(3)

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* Students must enroll in 6 semester hours, choosing among EDUC 400, 401, 414, and/or 440.

** EDUC 8000 may be taken any semester prior to application to the School of Education.

<i>Spring Semester</i>		S.H.
and/or	EDUC 400*	Sociocult. Analysis of Educ
		3
and/or	EDUC 401	Educ. Psych. Childhood.....
		(3)
and/or	EDUC 414	Theories 2nd Lang. Acq.....
		(3)
and/or	EDUC 440	Intro Cult./Ling. Diverse
		(3)
or	ENGL 305	Adv. Comp. for Cred. Cand.....
		3
or	ENGL 346	Children's Literature
		(3)
or	HIST 300	Global Encounters pre-1500
		3
or	HIST 301	Global Encntrs post-1500.....
		(3)
	NTLS 271	Experimenting in Science II
		4

		16

* Students must enroll in 6 semester hours, choosing among EDUC 400, 401, 414, and/or 440.

Junior Year

<i>Fall Semester</i>		S.H.
DANC 384	Creative Dance for Children.....	3
or	DANC 385	Mvmnt Arts for Children.....
		(3)
or	EDUC 409	Rdg/Lang Arts in Elem Curr.....
		3
or	EDUC 425	ELD Methods/SDAIE
		(3)
or	EDUC 434	Elem. Curric. & Methods.....
		(3)
or	ENGL 305	Adv. Comp. for Cred. Cand.....
		3
or	ENGL 346	Children's Literature
		(3)
HIST 300	Global Encounters pre-1500	3
or	HIST 301	Global Encounters post-1500.....
		(3)
_____	Concentration Course	3

		15

<i>Spring Semester</i>		S.H.
DANC 384	Creative Dance for Children.....	3
or	DANC 385	Mvmnt Arts for Children.....
		(3)
or	EDUC 409	Rdg/Lang Arts in Elem Curr.....
		3
or	EDUC 425	ELD Methods/SDAIE
		(3)
or	EDUC 434	Elem. Curric. & Methods.....
		(3)
EDUC 461	TPA 1	0
PSYC 352	Developmental Psychology.....	3
PHIL _____	Upper Division PHIL.....	3
or	THST _____	_____
	Upper Division THST.....	(3)
_____	Concentration Course	3

		15

Senior Year

<i>Fall Semester</i>		S.H.
EDUC 409	Rdg/Lang Arts in Elem Curr.....	3
or	EDUC 425	ELD Methods/SDAIE
		(3)
or	EDUC 434	Elem. Curric. & Methods.....
		(3)
EDUC 462	TPA 2.....	0
HIST 366	History of California	3
PHIL _____	Upper Division PHIL.....	3
or	THST _____	_____
	Upper Division THST.....	(3)
_____	Concentration Course	3

	Concentration Course	3

		15

<i>Spring Semester</i>	S.H.
EDUC 410 Directed Teaching, Elem	9
EDUC 463 TPA 3.....	0
EDUC 464 TPA 4.....	0
___ ___ Concentration Course	3
	<hr/>
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Students may take no more than **ten upper division** courses in any one department, except for Philosophy, in which the maximum is thirteen.

Modern Languages and Literatures

Faculty

Chairperson: Alicia Partnoy

Professors: Jennifer L. Eich, Áine O'Healy

Associate Professors: Rebeca Acevedo,

José Ignacio Badenes, S.J.,

Véronique Flambard-Weisbart, Petra Liedke Konow,

Marc Lony, Alicia Partnoy

Assistant Professors: Mónica Cabrera, Gordon S. Gamlin,

Antonia Petro

Objectives

Our Department equips students with language proficiency as it introduces them to the multicultural nature and historical evolution of literary and other texts in the target languages. Our courses provide opportunities to comprehend, interpret, and practice linguistic skills through oral and written exercises and assignments. Through a judicious selection of required courses and electives that include literature, history, and the arts, students reinforce their own beliefs and develop respect for those of other peoples. We thrive to provide tools to foster intercultural understanding as the basis for global harmony and social justice.

Courses Exempted from Challenge Examination

Lower division language courses (100-200) may not be challenged by exam. Additionally, students with significant course credit in a language from high school or college will not be allowed to enroll in the 101 course of that language.

Chinese

The 101, 102, 203, 204 series emphasizes speaking and understanding Mandarin while developing a command of Chinese characters for reading and writing. This series requires one hour weekly language lab.

CHIN 101

Elementary Chinese I

3 Semester Hours

This course enables students to speak and understand the basic linguistics of Mandarin and to read and write a limited number of Chinese characters. Importance is placed on mastery of the Pin-Yin system of pronunciation and tonal emphasis. Students develop a comprehensive speaking and listening vocabulary of approximately 450 words and a reading and writing knowledge of approximately 150 Chinese characters. Introduction to the fundamentals of Chinese grammar and selected topics on Chinese culture.

Fall semester only.

CHIN 102

Elementary Chinese II

3 Semester Hours

This course continues the study of Chinese grammar patterns; up to two-thirds of the fundamentals are taught. The primary emphasis is on speaking and understanding Mandarin. Four hundred fifty new words are introduced into the speaking and listening vocabulary and 250 new characters into the reading and writing vocabulary.

Spring semester only.

Prerequisite: CHIN 101 or equivalent, or consent of instructor.

CHIN 198

Special Studies

1-3 Semester Hours

CHIN 199

Independent Studies

1-3 Semester Hours

CHIN 203
Intermediate Chinese I
 3 Semester Hours

Builds upon the fundamentals of Chinese grammar studied in CHIN 101 and 102 and introduces students to translation. Intensive practice in oral skills and the development of an increased command of reading and writing Chinese characters. Introduction of 450 new words into the speaking and listening vocabulary and 200 new characters into the reading and writing vocabulary.

Fall semester only.

Prerequisite: CHIN 102 or equivalent, or consent of instructor.

CHIN 204
Intermediate Chinese II
 3 Semester Hours

Strengthens and improves Chinese language skills: speaking, listening, reading, and writing. This course emphasizes grammar, idiomatic expression, writing short paragraphs in Chinese, and translation skills. Introduction of 450 new words into the speaking and listening vocabulary and 250 characters into the reading and writing vocabulary.

Spring semester only.

Prerequisite: CHIN 203 or equivalent, or consent of instructor.

CHIN 298
Special Studies
 1-3 Semester Hours

CHIN 299
Independent Studies
 1-3 Semester Hours

CHIN 305
Advanced Chinese I
 3 Semester Hours

This course is for American Chinese learners who have reached an advanced level of Chinese language in the U.S. and are now learning Chinese in China. The content is based on the reality of the contemporary Chinese society and has a close relationship with foreign students' daily life and studies in China.

Taught in Beijing, China.

Prerequisite: CHIN 204 or equivalent, or consent of instructor.

CHIN 306
Advanced Chinese II
 3 Semester Hours

This course is for American Chinese learners who have reached an advanced level of Chinese language in the U.S. and are now learning Chinese in China. The content is based on the reality of the contemporary Chinese society and has a close relationship with foreign students' daily life and studies in China.

Taught in Beijing, China.

Prerequisite: CHIN 305 or equivalent, or consent of instructor.

CHIN 342
Classical Chinese Literature
 3 Semester Hours

This course is a survey of classical Chinese literature from ancient times to the beginning of the century.

Taught in Chinese in Beijing, China.

Prerequisite: CHIN 306 or equivalent, or consent of instructor.

CHIN 343
Modern Chinese Literature
 3 Semester Hours

This course is a survey of modern Chinese literature from 1918 to the present. It will focus on the fiction, poetry, and essays during the three periods (1918-1949, 1949-1976, since 1976) in the 20th century.

Taught in Chinese in Beijing, China.

Prerequisite: CHIN 306 or equivalent, or consent of instructor.

CHIN 398
Special Studies
 1-3 Semester Hours

CHIN 399
Independent Studies
 1-3 Semester Hours

Filipino

The courses are designed to develop student competency in Filipino/Tagalog focusing first on the sounds and rhythm of the language, vocabulary building, and sentence patterns. A functional-situational approach to language learning is utilized to develop an understanding and appreciation of Filipino culture and customs associated with the use of various linguistic forms. All levels will enhance and work toward increased proficiency in speaking, listening, reading, and writing through language games and exercises.

FLPN 101

Elementary Filipino I

3 Semester Hours

This course is designed for students who have little or no knowledge of the language. Students will learn how to construct the basic sentence patterns in Filipino/Tagalog and to use the actor focus verbs *UM*, *MAG*, and *MA* and the object focus verb *-IN*, as well as the different sets of pronouns and their proper use: nominative, dative, and genitive.

FLPN 102

Elementary Filipino II

3 Semester Hours

This course is a continuation of FLPN 101. The course will also cover the object focus verbs *-IN*, *I-*, and *-AN*, the abilitative focus verbs *MAKA-* and *MAKAPAG-*, and the causative verb *MAGPA-*. There will be extensive role play and multimedia materials to assist students in learning the language.

Prerequisite: FLPN 101 or consent of instructor.

FLPN 203

Intermediate Filipino I

3 Semester Hours

This course is designed to strengthen listening, speaking, reading, and writing skills and to improve communicative competence by teaching social rules along with the linguistic rules. Students will be introduced to more complex sentence structures and the other verb focuses: locative, instrumental, and directional.

Prerequisite: FLPN 102 or consent of instructor.

FLPN 204

Intermediate Filipino II

3 Semester Hours

This course is a continuation of FLPN 203. Students will have extensive practice in narration (*pagsasalaysay*); description of people, places, objects, feelings (*paglalarawan*); defining and explaining a procedure (*paglalahad*); and argumentation (*pangangatwiran*). More complex grammatical structures and readings will be used to further the students' proficiency in the language.

Prerequisite: FLPN 203 or consent of instructor.

Foreign Literature in English Translation

The following are courses offered in foreign literature for which no knowledge of the foreign language is required.

FNLT 180

World Literature

3 Semester Hours

A study of selected texts from international literature.

FNLT 341

Introduction to Modern Greek Literature

(See MDGK 341)

FNLT 342

Classical Chinese Literature in Translation

3 Semester Hours

This course is a survey of classical Chinese literature from ancient times to the beginning of the century.

Taught in Beijing, China.

FNLT 343

Modern Chinese Literature in Translation

3 Semester Hours

This course is a survey of modern Chinese literature from 1918 to the present. It will focus on the fiction, poetry, and essays during the three periods (1918-1949, 1949-1976, since 1976) in the 20th century.

Taught in Beijing, China.

FNLT 390

Body, Desire, and Catholic Spirituality

The course explores the relationship between flesh and spirit in light of Catholic spirituality through the history of Western culture, including issues of gender, sexuality, and relationships.

FNLT 398

Special Studies

1-3 Semester Hours

FNLT 399

Independent Studies

1-3 Semester Hours

French/Francophone Studies

Objectives

The French/Francophone Studies curriculum is designed to enhance students' understanding of the French/Francophone world by exposing them to French/Francophone cultures and perspectives. It also responds to the increasing demand for a more practical emphasis in language learning after the lower division level and allows students to tackle the professional world immediately beyond graduation. It may complement LMU's Summer Study Abroad Program in Paris, France.

French/Francophone Studies Student Learning Outcomes

Student Learning Outcomes will be assessed through a Senior Capstone Project (FREN 500) which consists of a portfolio during the second semester of the senior year. The portfolio is a collection of multiple samples usually compiled over time accompanied by a personal reflection essay which would show that the student has met the objectives of the French/Francophone Studies program.

Majors in French/Francophone Studies will know:

- The principal aspects of the French language
- The principal aspects of French/Francophone cultures and civilizations
- The principal aspects of cultural expressions such as literature, art, social practices, gender, and media of the French-speaking world;

Majors in French/Francophone Studies will be able to:

- Understand spoken French
- Speak and write French
- Read literary texts in French and discuss their content, technique, and social significance;

Majors in French/Francophone Studies will value:

- French/Francophone cultures and civilizations
- French cultural expressions
- Increasing intercultural awareness.

Major Requirements

Lower Division Requirements:

FREN 101, 102, 203, 204.

These requirements may be waived or modified based upon proficiency demonstrated on the LMU French Placement Examination. For majors, a minimum grade of C (2.0) is required in all pre-major courses.

Upper Division Requirements:

25 semester hours in upper division courses: FREN 314, 321, 333, 334, 341, three courses in the 400-level series, and 500.

A minimum grade of C (2.0) must be maintained in all upper division courses.

Minor Requirements

18 semester hours taken beyond FREN 203: FREN 204, 314, 321, 333 or 334, 341, and one (1) course in the 400-level series.

The FREN 101, 102, 203, and 204 series is recommended for those who seek basic proficiency in the language. This series requires attendance of a one hour weekly language lab.

French Placement Exam

Any student who has knowledge of or has had prior instruction in French in high school or at a college or university other than LMU must take the French Placement Exam. This exam is administered by the Learning Resource Center during summer Orientation sessions and at the beginning of the Fall and Spring terms.

This requirement includes students who have taken the AP French Exam in high school. Generally, a student who receives a score of 5 or 4 on the AP French Exam (Language or Literature) places in FREN 204. Final placement is conditional upon the instructor’s consent. Course credit will be given for FREN 101, 102, and 203 once the student’s official scores have been received from the College Board. It is the responsibility of each student to ensure that the official AP scores have been sent to Loyola Marymount University.

French/Francophone Studies Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
AMCS 100	Intro to American Cultures	3
or AMCS 161	Young America, 1607-1900	(3)
ENGL 110	College Writing	3
FREN 101	Elementary French I	3
or HIST ____	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
THST ____	University Core	(3)
MATH ____	University Core	3
		15

<i>Spring Semester</i>		S.H.
FREN 102	Elementary French II	3
or HIST ____	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
THST ____	University Core	(3)
____ ____	Critical/Creative Arts Core	3
____ ____	Literature Core.....	3
____ ____	Social Science Core.....	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
FREN 203	Intermediate French I	3
or HIST ____	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
THST ____	University Core	(3)
____ ____	CMST/Crit Thinking Core.....	3
____ ____	Social Science Core.....	3
____ ____	Elective.....	3
		15

<i>Spring Semester</i>		S.H.	<i>Spring Semester</i>		S.H.
FREN 204	Intermediate French II	3	FREN 341	France through Its Media	3
or HIST ____	University Core	3	FREN 500	Senior Capstone Project	1
or PHIL 160	Phil. of Human Nature	(3)	FREN ____	FREN 400-level.....	3
THST ____	University Core	(3)	____ ____	Upper Division Elective.....	3
____ ____	Critical/Creative Arts Core	3	____ ____	Elective.....	3
____ ____	Science Core	3	____ ____	Elective.....	3
____ ____	Elective.....	3			16
		15			

Students may take no more than **ten upper division** courses in any one department, except for Philosophy, in which the maximum is thirteen.

Junior Year

<i>Fall Semester</i>		S.H.	FREN 101	
FREN 321	Writing Workshop in French	3	Elementary French I	
FREN 333	French Lit. and Society I	3	<i>3 Semester Hours</i>	
or PHIL ____	Upper Division PHIL.....	3	A course intended for students who have not taken French before. Based on a communicative approach, the course emphasizes reading, writing, and oral proficiency in basic French. Materials covered include an introduction to all articles, pronouns, regular and irregular verbs in past and present tenses and in indicative and imperative modes, adjectives, prepositions, and basic vocabulary.	
THST ____	Upper Division THST.....	(3)		
____ ____	Upper Division Elective.....	3		
____ ____	Elective.....	3		
		15		

<i>Spring Semester</i>		S.H.	FREN 102	
FREN 314	Stylistics and Translation.....	3	Elementary French II	
FREN 334	French Lit. and Society II	3	<i>3 Semester Hours</i>	
FREN ____	FREN 400-level.....	3	A continuation of FREN 101. New materials covered include an introduction to pronominal verbs, verbs in the future tense and in the subjunctive and conditional modes, adjectives, pronouns, adverbs, and many idiomatic vocabulary and verbal expressions.	
or PHIL ____	Upper Division PHIL.....	3	Prerequisite: FREN 101 or by LMU Placement Exam.	
THST ____	Upper Division THST.....	(3)		
____ ____	Upper Division Elective.....	3		
		15		

Senior Year

<i>Fall Semester</i>		S.H.	FREN 203	
FREN ____	FREN 400-level.....	3	Intermediate French I	
____ ____	Upper Division Elective.....	3	<i>3 Semester Hours</i>	
____ ____	Upper Division Elective.....	3	After reviewing FREN 101 and 102, an introduction to more complex linguistic patterns presented in a French/Francophone cultural and comparative context. Includes practice in speaking, listening, reading, and writing through discussion of short texts, written exercises and short compositions, and work with multimedia resources.	
____ ____	Elective.....	3	Prerequisite: FREN 102 or LMU Placement Exam.	
____ ____	Elective.....	3		
		15		

FREN 204
Intermediate French II
3 Semester Hours

Developing complex linguistic patterns introduced in FREN 203 in a French/Francophone cultural and comparative context. Includes more practice in speaking, listening, reading, and writing through discussion of various texts, written exercises and longer compositions, and work with multimedia resources.

Prerequisite: FREN 203 or by LMU Placement Exam.

FREN 211
Intermediate French Conversation and Culture
1-3 Semester Hours

A French elective focusing on conversational skills in French through discussion of cultural topics in the French/Francophone world and of multimedia resources in French.

Fall semester only.

Prerequisite: FREN 204. May be taken concurrently with FREN 204.

FREN 298
Special Studies
1-3 Semester Hours

FREN 299
Independent Studies
1-3 Semester Hours

FREN 314
Stylistics and Translation
3 Semester Hours

A study of different modes of writing and of the major grammatical, stylistic, and vocabulary challenges when translating from English into French and vice versa. Practice with a broad range of literary, professional, and journalistic texts.

Spring semester only.

Prerequisite: FREN 204 or by LMU Placement Exam.

FREN 321
Writing Workshop in French
3 Semester Hours

A course designed to improve written expository prose in French. Practice of various forms of writing, such as extensive, intensive, and team writing, through the approach of global simulations.

Fall semester only.

Prerequisite: FREN 204 or by LMU Placement Exam.

FREN 333
French Literature and Society I
3 Semester Hours

A survey of literary themes and of the evolution of the social, political, and philosophical ideas in France, expressed in a variety of forms through the works of major writers, from the inception of French literature to the French Revolution.

Fall semester only.

Prerequisite: FREN 204 or by LMU Placement Exam.

FREN 334
French Literature and Society II
3 Semester Hours

An overview of French literature and of modernity through the study of French novels, short fiction, drama, and poetry, by representative writers, from the French Revolution to present times.

Spring semester only.

Prerequisite: FREN 204 or by LMU Placement Exam.

FREN 341
France through Its Media
3 Semester Hours

A study of French culture today through current magazines, newspapers, television programs, the Internet, music, and other sources.

Spring semester only.

Prerequisite: FREN 204 or by LMU Placement Exam.

FREN 398
Special Studies
1-3 Semester Hours

Prerequisite: FREN 204 or by LMU Placement Exam or consent of instructor.

FREN 399
Independent Studies
1-3 Semester Hours

Prerequisite: FREN 204 or by LMU Placement Exam or consent of instructor.

FREN 431**French/Francophone Film***3 Semester Hours*

A course designed to introduce students to French/Francophone film poetics through the examination of film narratives by representative directors.

Spring semester only.

Prerequisite: One (1) FREN 300-level course or by consent of instructor.

FREN 432**French/Francophone Women Writers***3 Semester Hours*

An examination of the issues raised in

French/Francophone women's writings as well as a study of French feminism across the disciplines.

Spring semester only.

Prerequisite: One (1) FREN 300-level course or by consent of instructor.

FREN 433**Francophone Literature***3 Semester Hours*

A study of representative writers from the French-speaking world outside of France.

Spring semester only.

Prerequisite: One (1) FREN 300-level course or by consent of instructor.

FREN 443**Selected Topics in French***3 Semester Hours*

Topics in French literature and culture.

May be repeated as specific content changes.

Fall semester only.

Prerequisite: One (1) FREN 300-level course or by consent of instructor.

FREN 498**Special Studies***1-3 Semester Hours*

Prerequisite: One (1) FREN 300-level course or by consent of instructor.

FREN 499**Independent Studies***1-3 Semester Hours*

Prerequisite: One (1) FREN 300-level course or by consent of instructor.

FREN 500**Senior Capstone Project***1 Semester Hour*

Exit portfolio (for majors only).

Credit/No Credit grading.

Seniors only.

German

Objectives

During the phase of early language acquisition, our German courses build students' language skills and intercultural awareness. While still perfecting their language skills, students in GRMN 203 and above are introduced to short German prose from a variety of literary traditions. Literature courses range from a general survey of German literature over the centuries to the study of specific genres, such as drama, the novella, and the German fairy tale. In addition to literary studies, the German section also offers a course on German film and a course on German culture and civilization that provides an introduction to German history, society, politics, and the arts, while developing students' general intercultural awareness. For students interested in the language of business, the German section offers two business-related courses.

German Student Learning Outcomes

Students minoring in German will know:

- The principal aspects of the German language
- The principal aspects of the history of German literature and film
- The principal aspects of the history and culture of German-speaking countries;

Students minoring in German will be able to:

- Speak, understand, read, and write German in meaningful contexts
- Use the latest relevant applications in educational technology
- Read literary texts in German and discuss their content, techniques, and social significance;

Students minoring in German will value:

- German language, literature, and culture
- Expressing independent critical opinions
- Increasing intercultural awareness.

German courses at LMU foster communication and understanding others as essential aspects of the education of the whole person. Students thus embark on a road of lifelong learning that will take them into a richer future.

Minor Requirements

The German minor consists of 18 semester hours above the 100 level: GRMN 203, 204, 301, and three courses from upper division offerings (300-400 level). Within this minor a professional German emphasis is possible, with GRMN 302 and 437 as upper division course options for the business-oriented student.

The GRMN 101, 102, 203 series is recommended for those who seek a basic speaking, writing, and reading knowledge of the language. GRMN 101 and 102 require one hour weekly in the Department's language center, or its equivalent. The conversation courses are designed to be taken concurrently with regular language courses.

Once per year in the Spring, the German section offers a general proficiency test in German (ZD), which is internationally recognized and certifies the language skills of the student to prospective employers in the public and private sector.

Students of German may wish to take advantage of LMU's semester or full year New Europe Program in Bonn, Germany, to improve their language skills. Lower division elementary and intermediate German language courses in Bonn are listed as EURO 181 and 283 each semester. Upper division German courses are also available. The German Mastery Workshop I and II (GRMN 398/498) counts as three semester hours towards the German minor.

GRMN 101

Elementary German I

3 Semester Hours

A course intended for students who have not taken German before. Based on the communicative approach, the course emphasizes oral proficiency in basic German as well as reading and writing. The following materials will be covered: an introduction to the nominative and accusative cases with their corresponding articles and pronouns, regular and irregular verbs in the present and present perfect tense, word order as well as basic vocabulary, and the development of cross-cultural awareness.

GRMN 102

Elementary German II

3 Semester Hours

A continuation of GRMN 101. Apart from the continued emphasis on oral competence, cross-cultural awareness, as well as reading and writing, the new grammar materials covered include an introduction to the dative case with its corresponding articles and pronouns, prepositions carrying the accusative and/or dative case, the present perfect tense, relative clauses, adjective endings, subjunctive and passive voice.

Prerequisite: GRMN 101 or equivalent.

GRMN 112

Beginning Conversational German

3 Semester Hours

A course designed to promote oral and aural proficiency and practical competence in elementary German.

Prerequisite: GRMN 102 or concurrent enrollment.

GRMN 203**Intermediate German I***3 Semester Hours*

The first part of an intermediate course designed to review elementary grammar, as well as to develop further oral competence, with a stronger emphasis on reading and writing. Short texts provide the springboard for the promotion of vocabulary acquisition, comprehension, and the active use of oral and written German.

Prerequisite: GRMN 102 or equivalent.

GRMN 204**Intermediate German II***3 Semester Hours*

The second part of an intermediate course designed to review elementary grammar, as well as to develop further oral competence, with a stronger emphasis on reading and writing. Short texts provide the springboard for the promotion of vocabulary acquisition, comprehension, and the active use of oral and written German.

Prerequisite: GRMN 203 or equivalent.

GRMN 211**Intermediate Conversational German***3 Semester Hours*

Continuation of GRMN 112. A course designed to promote oral and aural proficiency and practical competence in intermediate German.

Prerequisite: GRMN 203 or concurrent enrollment.

GRMN 298**Special Studies***1-3 Semester Hours***GRMN 299****Independent Studies***1-3 Semester Hours***GRMN 301****Mastery of German***3 Semester Hours*

A finishing course emphasizing oral proficiency as well as more advanced grammar aspects, reading, and writing.

Prerequisite: GRMN 204 or equivalent.

GRMN 302**Business German***3 Semester Hours*

An advanced German course introducing the specialized language of everyday business dealings.

Prerequisite: GRMN 204 or equivalent.

GRMN 321**Survey of German Literature: From Beginning to Present***3 Semester Hours*

An introduction to German literature from its beginning to the 20th century by means of representative texts in all genres.

Prerequisite: GRMN 204 or equivalent.

GRMN 340**German Culture and Civilization***3 Semester Hours*

A survey of key aspects of German history, society,

politics, and arts from the time of the Germanic tribes more than 2,000 years ago till present-day Germany.

Prerequisite: GRMN 204 or equivalent.

GRMN 352**German Cinema***3 Semester Hours*

A seminar on the historical development of German cinema from German Expressionism to the present.

Prerequisite: GRMN 204 or equivalent.

GRMN 398**Special Studies***1-3 Semester Hours***GRMN 399****Independent Studies***1-3 Semester Hours***GRMN 431****German Drama***3 Semester Hours*

An introduction to representative German plays since the 19th century. It includes classics from Büchner to Brecht and beyond.

Prerequisite: GRMN 204 or equivalent.

GRMN 432**German Folklore***3 Semester Hours*

An introduction to the fairy tales of the Brothers Grimm and the multi-faceted fairy tale research.

Prerequisite: GRMN 204 or equivalent.

GRMN 433

The German Novella

3 Semester Hours

A close reading of representative German novellas since the 19th century. It primarily covers novellas from the Romantic and Realist tradition.

Prerequisite: GRMN 204 or equivalent.

GRMN 437

Internship Portfolio

1 Semester Hour

In conjunction with MGMT 491 (International Fieldwork Practicum) as part of the New Europe Program in Bonn, Germany. Professional German language skills are demonstrated by means of a portfolio.

Prerequisite: GRMN 204 or equivalent.

GRMN 498

Special Studies

1-3 Semester Hours

GRMN 499

Independent Studies

1-3 Semester Hours

Italian

Objectives

The Italian minor introduces students to the rich, complex culture of Italy, first by providing them with basic linguistic skills in the Italian language, and subsequently by familiarizing them with important literary works produced in Italy over the centuries as well as with historically significant films.

Italian Student Learning Outcomes

Students learn to communicate successfully in Italian and develop an understanding of the practices and perspectives of Italian culture down through the centuries. They also acquire specific skills in textual analysis and research, gain a more complex understanding of the many forms of cultural expression, and sharpen their ability to think critically.

Minor Requirements

The minor consists of 18 semester hours taken above the 100 level: ITAL 203, 204, and four courses taken from upper division offerings. Students who have not previously studied Italian and who wish to declare a minor in Italian are advised to begin their study of the language in their freshman year.

The ITAL 101, 102, 203 series is recommended for those who seek a basic speaking, writing, and reading knowledge of the language. This series requires one hour of independent study in the language lab each week.

ITAL 101

Elementary Italian I

3 Semester Hours

An introduction to Italian language and culture with emphasis on communicative skills, this course is designed for students who have little or no knowledge of Italian. Students will acquire the four basic language skills—listening, speaking, reading, and writing—in classes that are taught exclusively in Italian. Materials covered include an introduction to articles, pronouns, adjectives, prepositions, regular and irregular verbs in past and present tense indicative, and basic vocabulary on selected topics. Students are also introduced to the basic geography of Italy and to aspects of everyday Italian culture.

ITAL 102**Elementary Italian II***3 Semester Hours*

Emphasizing communicative and linguistic skills, this course is a continuation of ITAL 101. The principal goal of the curriculum is to develop the four basic language skills—listening, speaking, reading, and writing—in classes that are taught exclusively in Italian. New grammatical material introduced includes direct and indirect object pronouns, imperfect and future tenses, and the use of negative expressions. Students increase their vocabulary through further study of Italian culture past and present.

Prerequisite: ITAL 101 or equivalent.

ITAL 112**Beginning Conversational Italian***3 Semester Hours*

Prerequisite: ITAL 102 or concurrent enrollment.

ITAL 203**Intermediate Italian***3 Semester Hours*

Emphasizing communicative and linguistic skills, this course is a continuation of ITAL 102. The goal of the curriculum is to develop the four basic language skills—listening, speaking, reading, and writing—at the appropriate level of proficiency in classes that are taught exclusively in Italian. New materials covered include the subjunctive modes, hypothetical sentences, double pronouns, comparisons, and superlatives. Students familiarize themselves with additional aspects of Italian history, culture, and politics.

Prerequisite: ITAL 102 or equivalent.

ITAL 204**Advanced Italian***3 Semester Hours*

Emphasizing communicative and linguistic skills, this course reviews the material studied in ITAL 101, 102, and 203. The goal of the curriculum is to develop the four basic language skills—listening, speaking, reading, and writing—at the appropriate level of proficiency in classes that are taught exclusively in Italian. Increased emphasis is placed on writing assignments, working with multimedia materials in Italian, and reading selected texts written for native speakers of Italian.

Prerequisite: ITAL 203 or equivalent.

ITAL 211**Advanced Conversation***3 Semester Hours*

Prerequisite: ITAL 203 (may be taken concurrently).

ITAL 298**Special Studies***1-3 Semester Hours***ITAL 299****Independent Studies***1-3 Semester Hours***ITAL 321****Stylistics and Composition***3 Semester Hours*

An introduction to reading, writing, and editing texts in Italian. Students develop skills in writing clear and correct Italian and provide critical commentary on selected topics using the techniques of formal composition.

Prerequisite: ITAL 204 or equivalent.

ITAL 332**Italian Literature of the Fourteenth Century***3 Semester Hours*

Providing an overview of the historical context in which Dante, Petrarch, and Boccaccio emerged, the course introduces students to some of the most famous works in the Italian literary tradition. It also develops the students' ability to write critical essays in Italian, sharpening their skills in literary and cultural analysis.

Prerequisite: ITAL 204 or equivalent.

ITAL 333**The Italian Novella***3 Semester Hours*

A survey of the short story form from the fourteenth century to the present.

Prerequisite: ITAL 204 or equivalent.

ITAL 334**Italian Literature of the Twentieth Century***3 Semester Hours*

A survey of poetry, drama, and prose from Pirandello to Calvino and beyond.

Prerequisite: ITAL 204 or equivalent.

ITAL 350**Contemporary Italian Culture***3 Semester Hours*

An examination of the diverse forms of cultural expression in contemporary Italy, including literature, cinema, theatre, music, feminist writing, and political critique.

Prerequisite: ITAL 204 or equivalent.

ITAL 380

Italian Women Writers

3 Semester Hours

Survey of representative works by Italian women writers from various historical periods, with particular focus on the modern and contemporary period.

Prerequisite: ITAL 204 or equivalent.

ITAL 398

Special Studies

1-3 Semester Hours

ITAL 399

Independent Studies

1-3 Semester Hours

ITAL 451

Italian Cinema

3 Semester Hours

An examination of the historical development of Italian cinema from Neorealism to the present. Students familiarize themselves with the history of Italian national cinema and develop skills in the close analysis of film.

ITAL 498

Special Studies

1-3 Semester Hours

ITAL 499

Independent Studies

1-3 Semester Hours

Japanese

The courses develop listening, speaking, reading, and writing skills using the direct method. Grammar points are explained in English. The student is provided an opportunity to practice conversation with native speakers to further improve oral skills. Selected topics are presented to enhance awareness and understanding of Japanese culture.

JAPN 101

Elementary Japanese I

3 Semester Hours

An introduction to the fundamentals of Japanese, emphasizing listening and speaking skills. Students learn to ask and answer simple questions in the present and past tense. Introduces reading and writing of Hiragana, Katakana, and approximately 30 Kanji along with essentials of Japanese culture and custom.

Fall semester only.

JAPN 102

Elementary Japanese II

3 Semester Hours

A continuation of JAPN 101. Review of Katakana and approximately 60 new Kanji are introduced. Useful grammatical patterns emphasizing the use of adjectives and verb conjugations. Practical patterns such as polite commands, permissions, prohibitions, and progressive forms are studied. Students continue to learn fundamentals of Japanese culture and lifestyle.

Spring semester only.

Prerequisite: JAPN 101 or equivalent, or consent of instructor.

JAPN 198

Special Studies

1-3 Semester Hours

JAPN 199

Independent Studies

1-3 Semester Hours

JAPN 203**Intermediate Japanese I***3 Semester Hours*

A course designed to improve oral proficiency as well as reading and writing skills in Hiragana, Katakana, and Kanji. More complex grammatical patterns such as potentials, giving advice, and expressing one's desires. Approximately 75 new Kanji are introduced, and students write short essays on selected topics. Increased knowledge and understanding of Japanese culture and customs.

Fall semester only.

Prerequisite: JAPN 102 or equivalent, or consent of instructor.

JAPN 204**Intermediate Japanese II***3 Semester Hours*

A continuation of JAPN 203. A course designed to enable students to express their ideas effectively through the use of more complex patterns such as advanced relative clauses, giving and receiving verbs, volitional forms and hearsay reports. Seventy-five new Kanji are practiced, and students write short essays on selected topics. Increased knowledge and understanding of Japanese culture and customs.

Spring semester only.

Prerequisite: JAPN 203 or equivalent, or consent of instructor.

JAPN 298**Special Studies***1-3 Semester Hours*

JAPN 299**Independent Studies***1-3 Semester Hours*

JAPN 398**Special Studies***1-3 Semester Hours*

JAPN 399**Independent Studies***1-3 Semester Hours*

JAPN 498**Special Studies***1-3 Semester Hours*

JAPN 499**Independent Studies***1-3 Semester Hours*

Modern Greek

For courses and curriculum in Modern Greek, see Classics and Archaeology.

Spanish

Spanish Major

Objectives

This major equips students with language proficiency in Spanish as it introduces them to the multicultural nature and historical evolution of Hispanic literary and cultural expressions in Europe and the Americas. It provides students with opportunities to comprehend, interpret, and practice advanced linguistic skills in Spanish through oral and written exercises and assignments. Survey and seminar classes familiarize them with representative literary works and cultural texts from Spain, Spanish America, and the U.S., and provide theoretical terminology and concepts essential for structural and conceptual analyses of these products. The major also requires the study of Spanish phonology, morphology, syntax, and dialectal varieties. Finally, it helps students to develop a sense of social justice through their consistent participation in intercultural events and service learning activities that involve both academic and culturally significant contexts.

Spanish Student Learning Outcomes

Spanish majors will know:

- The variety and nature of linguistic practices, cultural texts, and perspectives in Spanish-speaking countries
- Representative literary works and cultural texts from Spain, Spanish America, and the Latino U.S.
- Theoretical terminology and concepts essential for structural and conceptual analyses of these texts;

Spanish majors will be able to:

- Communicate creatively and effectively in written and oral forms in Spanish
- Understand spoken Spanish
- Read Spanish literature
- Apply acquired theoretical and critical skills in textual analyses and scholarly research
- Demonstrate an advanced command of how literary works, cultural expressions, and linguistic varieties of the Spanish-speaking world represent the multiplicity of human experience;

Spanish majors will value:

- The evolution and variety of perspectives in Hispanic cultures
- Social justice and intercultural awareness.

Major Requirements

Lower Division Requirements:

SPAN 101, 102, 203, and 204 or 205.

The elementary and intermediate courses may be satisfied by Advanced Placement examination. A minimum grade of C (2.0) is required in all pre-major courses.

Upper Division Requirements:

Spanish Major: The major in Spanish requires 25 semester hours in upper division courses: SPAN 321, 322, 330, 331, 332; 9 semester hours in 400-level Spanish electives; and SPAN 500, a senior portfolio (1 semester hour). Students are permitted to take up to 30 upper division hours in Spanish. Students must complete all upper division courses with a minimum grade of C (2.0) to maintain status.

Spanish Major Portfolio Requirement:

Spanish majors are required to register for a one-credit course (SPAN 500, Senior Capstone Project) in their senior year. Each graduating student constructs a portfolio that includes a 6-8 page reflective essay written in Spanish that demonstrates how the student has met the goals of the Spanish program. These goals comprise language proficiency, cultural competency, mastery of literary and linguistic studies, development of a sense of social justice through intercultural understanding, and the prospect of using this knowledge after graduation. In addition, the portfolio contains a brief description of the student's involvement in extracurricular intercultural activities connected with the Spanish major. Finally, students must orally present their portfolio to their peers and the Spanish program faculty at a group meeting.

Guidelines for the collection of materials included in the portfolio as well as deadlines for the oral presentation of the material are available in the Department. This exit interview course is graded Credit/No Credit.

Single Subject Teaching Credential

Students interested in obtaining a Single Subject teaching credential in Spanish must fulfill the requirements for the Spanish major and take SPAN 420 and 432 or their equivalent. Students must attend an orientation meeting at the School of Education and apply for admission to the Single Subject Teaching Program. To complete both programs in four years, students are encouraged to start this process early. Prospective teachers are also required to meet with a faculty member in the School of Education.

Spanish Minor

Lower Division Requirements:

SPAN 101, 102, 203, and 204 or 205.

Successful completion of or placement test placement in upper division course level is a requirement prior to beginning the minor.

Upper Division Requirements:

Spanish Minor: The minor consists of 18 semester hours taken beyond SPAN 204 or 205: SPAN 321, 322, and 330, to be followed by SPAN 331, 332, and one upper division 400-level Spanish elective. Students must complete all upper division courses with a minimum grade of C (2.0) to maintain status.

Spanish Placement Exam

Any student who has knowledge of or has had prior instruction in Spanish in high school or at a college or university other than LMU must take the LMU Spanish Placement Exam. This exam is administered by the Learning Resource Center during the summer Orientation sessions and at the beginning of the Fall and Spring terms.

This requirement includes students who have taken an AP Spanish Exam in high school. Generally, a student who receives a score of 5 or 4 on the AP Spanish Exam (Language or Literature) places in SPAN 204 (Intermediate Spanish II) or SPAN 205 (Intermediate Spanish II for Latino Students). Final placement is conditional upon the instructor's consent. Course credit will be given for SPAN 101, 102, and 203 once the student's official scores have been received from the College Board. It is the responsibility of each student to ensure that the official AP scores have been sent to Loyola Marymount University.

Study Abroad

Students are strongly encouraged to go abroad for a semester either during their sophomore year (Spring semester) or junior year (Fall or Spring semester). Prior to departure, students must obtain transfer credit approval for any courses that they take, and no more than two Spanish courses will transfer for the major. Consult the Study Abroad Office or the Spanish professors for information about semester, year-long, or Summer study abroad programs offered by other universities that the Spanish program endorses.

Spanish Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
AMCS 100	Intro to American Cultures	3
or AMCS 161	Young America, 1607-1900	(3)
ENGL 110	College Writing	3
SPAN 101	Elementary Spanish I	3
HIST ____	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
or THST ____	University Core	(3)
MATH ____	University Core	3
		15

<i>Spring Semester</i>		S.H.
SPAN 102	Elementary Spanish II	3
HIST ____	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
or THST ____	University Core	(3)
____ ____	Critical/Creative Arts Core	3
____ ____	Literature Core.....	3
____ ____	Social Science Core.....	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
SPAN 203	Intermediate Spanish I.....	3
HIST ____	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
or THST ____	University Core	(3)
____ ____	CMST/Crit Thinking Core.....	3
____ ____	Social Science Core.....	3
____ ____	Elective.....	3
		15

<i>Spring Semester</i>		S.H.
SPAN 204	Intermediate Spanish II.....	3
or HIST ____	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
THST ____	University Core	(3)
____ ____	Critical/Creative Arts Core	3
____ ____	Science Core	3
____ ____	Elective.....	3
		15

<i>Spring Semester</i>		S.H.
SPAN 500	Senior Capstone Project	1
SPAN ____	SPAN 400-level	3
SPAN ____	SPAN 400-level	3
____ ____	Upper Division Elective.....	3
____ ____	Elective.....	3
____ ____	Elective.....	3
		16

Students may take no more than **ten upper division** courses in any one department, except for Philosophy, in which the maximum is thirteen.

Junior Year

<i>Fall Semester</i>		S.H.
SPAN 321	Stylistics and Composition	3
or PHIL ____	Upper Division PHIL.....	3
THST ____	Upper Division THST.....	(3)
____ ____	Upper Division Elective.....	3
____ ____	Upper Division Elective.....	3
____ ____	Elective.....	3
		15

Spanish Model Four-Year Plan

For students starting at an advanced level of proficiency

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
or AMCS 100	Intro to American Cultures	3
AMCS 161	Young America, 1607-1900	(3)
ENGL 110	College Writing	3
or SPAN 204	Intermediate Spanish II.....	3
SPAN 205	Interm. Span. II for Latino.....	(3)
HIST ____	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
THST ____	University Core	(3)
MATH ____	University Core	3
		15

Senior Year

<i>Fall Semester</i>		S.H.
SPAN 331	Survey Peninsular Span. Lit.....	3
SPAN 332	Survey of Latin Amer. Lit.....	3
SPAN ____	SPAN 400-level	3
____ ____	Upper Division Elective.....	3
____ ____	Elective.....	3
		15

<i>Spring Semester</i>		S.H.
SPAN	321	Stylistics and Composition 3
or	HIST	___ University Core 3
or	PHIL	160 Phil. of Human Nature (3)
	THST	___ University Core (3)
	___	___ Critical/Creative Arts Core 3
	___	___ Literature Core..... 3
	___	___ Social Science Core..... 3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
SPAN	322	Intro to Hispanic Literatures 3
or	HIST	___ University Core 3
or	PHIL	160 Phil. of Human Nature (3)
	THST	___ University Core (3)
	___	___ CMST/Crit Thinking Core..... 3
	___	___ Social Science Core..... 3
	___	___ Elective..... 3
		15

<i>Spring Semester</i>		S.H.
SPAN	330	Intro to Spanish Linguistics 3
or	SPAN	331 Survey Peninsular Span. Lit..... (3)
or	SPAN	332 Survey of Latin Amer. Lit..... (3)
or	HIST	___ University Core 3
or	PHIL	160 Phil. of Human Nature (3)
	THST	___ University Core (3)
	___	___ Critical/Creative Arts Core 3
	___	___ Science Core 3
	___	___ Elective..... 3
		15

Junior Year

<i>Fall Semester</i>		S.H.
SPAN	330	Intro to Spanish Linguistics 3
or	SPAN	331 Survey Peninsular Span. Lit..... (3)
or	SPAN	332 Survey of Latin Amer. Lit..... (3)
or	PHIL	___ Upper Division PHIL..... 3
or	THST	___ Upper Division THST..... (3)
	___	___ Upper Division Elective..... 3
	___	___ Upper Division Elective..... 3
	___	___ Elective..... 3
		15

<i>Spring Semester</i>		S.H.
SPAN	330	Intro to Spanish Linguistics 3
or	SPAN	331 Survey Peninsular Span. Lit..... (3)
or	SPAN	332 Survey of Latin Amer. Lit..... (3)
or	PHIL	___ Upper Division PHIL..... 3
or	THST	___ Upper Division THST..... (3)
	___	___ Upper Division Elective..... 3
	___	___ Elective..... 3
	___	___ Elective..... 3
		15

Senior Year

<i>Fall Semester</i>		S.H.
SPAN	___	SPAN 400-level 3
SPAN	___	SPAN 400-level 3
	___	___ Upper Division Elective..... 3
	___	___ Upper Division Elective..... 3
	___	___ Elective..... 3
		15

<i>Spring Semester</i>		S.H.
SPAN	500	Senior Capstone Project 1
SPAN	___	SPAN 400-level 3
	___	___ Upper Division Elective..... 3
	___	___ Elective..... 3
	___	___ Elective..... 3
	___	___ Elective..... 3
		16

Students may take no more than **ten upper division** courses in any one department, except for Philosophy, in which the maximum is thirteen.

Spanish Program Course Offerings*

* All courses are taught in Spanish unless otherwise indicated.

SPAN 101 **Elementary Spanish I** *3 Semester Hours*

The course emphasizes reading, writing, aural, and oral proficiency in basic Spanish and reflects the diversity within Hispanic cultures. Instruction includes articles, pronouns, regular and irregular verbs (including reflexive verbs) in the present and the past tenses of the indicative mood, adjectives, and basic vocabulary.

Prerequisite: Students with no prior study of Spanish or LMU Placement Exam.

SPAN 102 **Elementary Spanish II** *3 Semester Hours*

A continuation of SPAN 101. New material studied includes an introduction to the present and present perfect subjunctive, the preterite vs. imperfect tense distinction, passive *se*, uses of *por* and *para*, direct and indirect object pronouns, past participle, formal commands, comparisons, and additional vocabulary and idioms.

Prerequisite: SPAN 101 or LMU Placement Exam.

SPAN 112 **Conversational Spanish** *1-3 Semester Hours*

A course designed to permit students to learn and practice communicative strategies, increase their vocabulary, and to become acquainted with Spanish, Latin American, and U.S. Latino cultures. A final oral presentation is required.

Credit/No Credit only.

SPAN 203 **Intermediate Spanish I** *3 Semester Hours*

After a review of SPAN 101 and 102 material, topics include the preterite vs. imperfect tense distinction, the pluperfect indicative tense, the present and present perfect subjunctive contrasted with the indicative mood, commands, and the *ser* vs. *estar* distinction. Coursework includes the discussion of short texts, oral exercises, and medium-length compositions.

Prerequisite: SPAN 102 or LMU Placement Exam.

SPAN 204 **Intermediate Spanish II** *3 Semester Hours*

Course strengthens the students' receptive and productive skills in Spanish while developing an appreciation and deeper knowledge of diversity of Hispanic cultures. After a grammatical review, the course studies adverbial conjunctions, indirect speech, "SI" clauses, uses of the infinitive, relative pronouns, and the description of reciprocal actions. Students present oral and written reports in formal Spanish, to narrate and describe in paragraphs of connected discourse in high-frequency linguistic structures.

Prerequisite: SPAN 203 or by LMU Placement Exam.

SPAN 205 **Intermediate Spanish II for Latino Students** *3 Semester Hours*

This course, specially designed for students with a cultural Latino/Hispanic background, is the equivalent of SPAN 204. It strengthens the students' communicative skills in Spanish while developing an appreciation and deeper knowledge of their cultural background. Students are trained to present oral and written reports in formal Spanish, to narrate and describe in paragraphs of connected discourse in high-frequency linguistic structures. They will acquire and demonstrate a solid knowledge of Spanish grammar.

Prerequisite: SPAN 203 or by LMU Placement Exam.

SPAN 211 **Advanced Conversational Spanish** *1-3 Semester Hours*

A course designed to permit intermediate students of Spanish to learn and practice communicative strategies, increase their vocabulary, and become acquainted with Spanish, Latin American, and U.S. Latino cultures. Oral presentations are required.

Prerequisite: SPAN 203 or concurrent enrollment.

Credit/No Credit only.

SPAN 298 **Special Studies** *1-3 Semester Hours*

SPAN 299 **Independent Studies** *1-3 Semester Hours*

SPAN 311**Professional Spanish***3 Semester Hours*

The aim of this class is to strengthen the student's communicative skills in Spanish. During the course we study two professions: 1) business and 2) another profession chosen by each student. The course builds the student's technical vocabulary, teaches certain discursive strategies, and enhances cultural knowledge of particular Spanish-speaking regions by examining various types of texts related to business (e.g., business letters, newspapers, job interviews, and advertisements, magazine articles, etc.).

Prerequisite: SPAN 204 or 205, or by LMU Placement Exam.

SPAN 321**Stylistics and Composition***3 Semester Hours*

An introduction to writing and editing Spanish compositions. Course work emphasizes the writing process: developing thesis, structuring arguments, and generating a clear, cohesive style.

Prerequisite: SPAN 204 or 205, or by LMU Placement Exam.

SPAN 322**Introduction to Hispanic Literatures***3 Semester Hours*

A study of theoretical terminology and concepts essential for structural and conceptual analysis of literary works written in Spanish. Students are introduced to literary periods and genres from Spanish and Spanish American authors.

Prerequisite: SPAN 321.

SPAN 330**Introduction to Spanish Linguistics***3 Semester Hours*

A study of the Spanish sound systems, word formation, word order, vocabulary, and the history of the Spanish language. Includes class exposure to varieties of Spanish such as Caribbean Spanish, Mexican Spanish, Peninsular Spanish, and Spanish spoken in the U.S.

Prerequisite: SPAN 321 or consent of instructor.

SPAN 331**Survey of Peninsular Spanish Literature***3 Semester Hours*

Analysis of some of the most celebrated masterpieces of Spanish literature from the Middle Ages to the present in their historical and cultural contexts.

Prerequisite: SPAN 322 or consent of instructor.

SPAN 332**Survey of Latin American Literature***3 Semester Hours*

General survey of texts written by a representative body of Latin American authors from the pre-Columbian period to the present.

Prerequisite: SPAN 322 or consent of instructor.

SPAN 398**Special Studies***1-3 Semester Hours*

SPAN 399**Independent Studies***1-3 Semester Hours*

SPAN 420**Hispanic Cultural Studies***3 Semester Hours*

General survey that may include Iberian, U.S. Latino, and/or pre-Columbian civilizations and the literature of Meso- and South America; the impact of the Encounter with Europe; the Conquest; the Colonial Period; the Independence Era; and modern literary, socio-historical, economic, and political events that have shaped present-day Spanish American cultures.

Prerequisite: SPAN 322 or consent of instructor.

SPAN 430**Spanish Applied Linguistics***3 Semester Hours*

A study of current directions in both theoretical and practical aspects of the teaching of Spanish. The course reviews problematic areas such as "ser" and "estar," Spanish past tenses, and subjunctive, among others.

Prerequisite: SPAN 330 or consent of instructor.

SPAN 431

Advanced Spanish Syntax

3 Semester Hours

A detailed examination of Spanish syntax. The following topics are covered: the verbal paradigm, analysis of verbal mood and tenses, the pronominal system, and sentence structure, coordination, and subordination.

Prerequisite: SPAN 330 or consent of instructor.

SPAN 432

Spanish of the Americas

3 Semester Hours

The course will begin with a review of changes in modern Spanish in America. It will provide a general introduction to the history and structure of the varieties of Spanish spoken in the New World. Topics to be treated will include the Peninsular origins of New World Spanish, the influence of American languages on Spanish, the features which characterize the different varieties of "New World" Spanish (including U.S. Spanish), and the grammatical and lexical features which distinguish European and American Spanish.

Prerequisite: SPAN 330 or consent of instructor.

SPAN 441

Latin American Novel

3 Semester Hours

A comparative study of representative narratives written by Latin American and/or Latino/a authors during the 19th, 20th, and 21st centuries.

Specific course content depends on the instructor.

Prerequisite: SPAN 322 or consent of instructor.

SPAN 442

Latin American Poetry

3 Semester Hours

Survey and comparative study of Spanish language poetry of the Americas from a variety of historical periods, national origins, and cultural and literary movements.

Specific course content depends on the instructor.

Prerequisite: SPAN 322 or consent of instructor.

SPAN 443

Latin American Women Writers

3 Semester Hours

Survey and comparative study of representative works by Latin American and/or Latina women writers from a variety of historical periods, national origins, and cultural and literary movements.

Specific course content depends on the instructor.

Prerequisite: SPAN 322 or consent of instructor.

SPAN 444

Latin American Drama

3 Semester Hours

An introduction to and comparison of representative works written by Latin American dramatists from a variety of historical periods, national origins, and literary and cultural movements.

Specific course content depends on the instructor.

Prerequisite: SPAN 322 or consent of instructor.

SPAN 445

Latin American Short Story

3 Semester Hours

A comparative and literary study of the short story as well as representative works written by Latin American and/or Latino/a authors from a variety of historical periods, national origins, and literary and cultural movements.

Specific course content depends on the instructor.

Prerequisite: SPAN 322 or consent of instructor.

SPAN 451

Nineteenth-Century Spanish Literature

3 Semester Hours

Analysis of representative literary works and authors of the Spanish 19th century in their historical and cultural contexts through a particular theme and from different perspectives.

Prerequisite: SPAN 322 or consent of instructor.

SPAN 452

Early Modern Spanish Narrative

3 Semester Hours

The course analyzes narrative texts of the early modern period in Spain studied within their historical and cultural contexts. It will pay particular attention to their relevance for modern and contemporary literature.

Prerequisite: SPAN 322 or consent of instructor.

SPAN 453**Twentieth-Century Spanish Literature***3 Semester Hours*

Analysis of representative literary works and authors from the Spanish 20th century in their historical and cultural contexts through a particular theme and from different perspectives.

Prerequisite: SPAN 322 or consent of instructor.

SPAN 455**Early Modern Spanish Drama and Poetry***3 Semester Hours*

The course analyzes poetic and dramatic works of the early modern period in Spain studied within their historical and cultural contexts. It will pay particular attention to their relevance for modern and contemporary literature.

Prerequisite: SPAN 322 or consent of instructor.

SPAN 457**Spanish Authors***3 Semester Hours*

An in-depth study of the work of a specific author, such as Miguel de Cervantes or Federico García Lorca, or a group of authors, such as Spanish women writers.

May be repeated for degree credit, when content varies.

Prerequisite: SPAN 322 or consent of instructor.

SPAN 460**Selected Topics in Spanish Studies***3 Semester Hours*

Topics in Peninsular Spanish literature, film, and culture.

May be repeated for degree credit, when content varies.

Prerequisite: SPAN 322 or consent of instructor.

SPAN 498**Special Studies***1-3 Semester Hours***SPAN 499****Independent Studies***1-3 Semester Hours***SPAN 500****Senior Capstone Project***1 Semester Hour*

Exit portfolio (for majors only).

Credit/No Credit grading.

Peace Studies

Director

Daniel L. Smith-Christopher

Objectives

In order to accommodate the significant diversity in approaches to peace and justice, Loyola Marymount University's Peace Studies program is a contract-based minor that is arranged on an individual basis, working with the particular interests and study areas of each student. Students may choose from a variety of courses that relate to chosen fields of interest and emphasis, drawing from programs such as Political Science, History, Ethnic Studies, Theological Studies, Philosophy, Classics, English, Sociology, and any number of other departments. The proposed contract, with the suggested list of courses, must be accepted in writing by both the Director of the Program and the Dean of the Bellarmine College of Liberal Arts before the minor is officially entered in the academic record of each student who wishes to enter the program.

Minor Requirements

Eighteen semester hours (6 courses) are required for the minor. There are no required courses, but it is strongly suggested that students take THST 304, War and Peace in the Bible, as a foundation course for the program. There is a limit of 2 courses (6 semester hours) in lower division courses, and a single 400-level course is strongly encouraged. A Thesis/Independent Study option is available to fulfill this recommended course, to be arranged with the Director.

Peace Studies Student Learning Outcomes

Peace Studies minors will know:

- The approaches to war and peace of various religious traditions
- Nonviolence and Nonviolent Strategy as exemplified by Gandhi or Dr. King
- The significance of personal values arising from a commitment to peacemaking that may be applicable to one's personal as well as social life;

Peace Studies minors will be able to:

- Suggest skills and activities that may contribute to minimizing the potential for conflict and contribute to peacemaking in a given conflict situation
- Present a coherent defense of the values of peace within selected traditions, both religious and political;

Peace Studies minors will value:

- The diversity of approaches relevant to peacemaking skills
- The historical contributions made by peacemakers in the past, and assess their contributions to continued thought in Peace Studies
- The unique legacy of nonviolence in world history
- The varied Christian traditions of peacemaking and nonviolence as a theological as well as social value
- Contributions to peacemaking that are unique to their own tradition, if non-Christian (e.g., Jewish, Islamic, Buddhist).

To demonstrate the attainment of these learning outcomes, students submit a portfolio of class papers, tests, and other assignments from the six courses approved by the Director for their minor. Please direct all questions to the Director of Peace Studies.

Philosophy

Faculty

Chairperson: Elizabeth Murray

Professors: Jasper Blystone, James G. Hanink,
Mary Elizabeth Ingham, C.S.J., Mark D. Morelli,
Elizabeth Murray, Timothy Shanahan

Associate Professors: W. Scott Cameron,
Christopher Kaczor, Eric D. Perl, Robin Wang

Assistant Professors: Jason S. Baehr,
Virgil Martin Nemoianu, Thomas Sherman, S.J.,
Brad Elliott Stone, Brian Treanor, Jeffrey Wilson

Objectives

Philosophy is a reflective and critical discipline whose aim is to explore fundamental ideas which underlie and penetrate human existence and constitute the deep background of all human endeavors: ideas such as Meaning and Truth, Knowledge and Being, Objectivity and Bias, Good and Evil, Value and Disvalue. Philosophic inquiry into these and related notions is governed by the complementary ideals of analytic precision and comprehensive synthesis, and so it aims to raise these basic notions from their everyday obscurity, to articulate them with logical precision and rigor, and to bind them together into an overarching vision of the nature and purpose of human life.

Accordingly, the Department of Philosophy offers basic courses in Critical Thinking, Human Nature, Ethics, and Contemporary Moral Problems in the core curriculum and a wide variety of courses complementary to studies in a broad range of fields. For convenience, courses are grouped into eight content areas:

- I. Morality, Law, and Politics (320 through 334)
- II. Natural and Social Sciences (341, 342, 343)
- III. Arts and Literature (254, 351, 352, 353)
- IV. Religion and Theology (361 through 368)
- V. History of Philosophy (381, 382, 383, 385, 387)
- VI. Contemporary Movements (421 through 426)
- VII. Major Thinkers (451)
- VIII. Mind and Reality (461 through 464)

Philosophy Student Learning Outcomes

Philosophy students will understand:

- The history of philosophy from the pre-Socratics to modern European thinkers
- Contemporary philosophical movements, issues, and techniques
- Central themes in the primary texts of important philosophers;

Philosophy students will be able to:

- Demonstrate written competency in the analysis of philosophical issues
- Apply the tools of logic in the analysis and critical evaluation of philosophical texts
- Synthesize philosophical insights in relation to their own lived experience;

Philosophy students will value:

- The contributions of philosophers to civilization
- An understanding of the relationship of philosophy to a variety of areas of human experience such as faith, morality, and culture
- Rigorous philosophical inquiry and reflection in relation to their own self-development, their interactions with others, and the quest for a better world.

Major Requirements

An overall GPA of C (2.0) is required for students wishing to declare a Philosophy major.

Required:

HIST 100 and HIST 101 and PHIL 201.

The History of Philosophy sequence—PHIL 381, 383, 385, 387.

Five Philosophy electives, at least three of which must be upper division courses taken at LMU.

PHIL 495: Senior Assessment.

Students are strongly encouraged to study a foreign language to enhance their philosophical studies. Programs should be planned in consultation with their faculty advisor.

An average grade of C+ (2.3) must be maintained in Philosophy courses by majors.

Majors may take up to 13 upper division courses in Philosophy.

Honors in Philosophy

To graduate with honors in Philosophy, a Philosophy major must have a minimum GPA in Philosophy of 3.3, enroll in the PHIL 500 Senior Project in place of one of the upper division electives, and receive at least a grade of B+ (3.3) on the project.

Minor Requirements

18 semester hours in Philosophy, of which at least 12 are in upper division courses. Core requirements PHIL 160, 220, and 320 through 330 may be counted towards the minor. An average of C (2.0) must be attained in courses in the minor.

The Department of Philosophy also offers a minor in Ethics for students who wish to explore further the foundations of ethics and ethical issues as they arise in a range of theoretical and applied domains. Philosophy majors and minors may not minor in Ethics.

Philosophy Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as PHIL major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
or	AMCS 100	Intro to American Cultures 3
	AMCS 161	Young America, 1607-1900 (3)
	ENGL 110	College Writing 3
	HIST 100	Found. West. Civ. to 1500 3
	PHIL 160	Phil. of Human Nature 3
	MATH ___	University Core 3
		15

<i>Spring Semester</i>		S.H.
	HIST 101	Western Traditions 3
	PHIL 220	Critical Thinking 3
or	HIST 152	Modern Middle East 3
or	HIST 162	Contemporary America (3)
or	HIST 172	Modern Latin America (3)
or	HIST 182	Modern Asia (3)
or	HIST 192	Contemporary Africa (3)
or	THST ___	University Core (3)
	___	Literature Core 3
	___	Social Science Core 3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
	PHIL 201	Symbolic Logic 3
or	HIST 152	Modern Middle East 3
or	HIST 162	Contemporary America (3)
or	HIST 172	Modern Latin America (3)
or	HIST 182	Modern Asia (3)
or	HIST 192	Contemporary Africa (3)
or	THST ___	University Core (3)
	___	Critical/Creative Arts Core 3
	___	Social Science Core 3
	___	Elective 3
		15

<i>Spring Semester</i>		S.H.
	___	Critical/Creative Arts Core 3
	___	Science Core 3
	___	Elective 3
	___	Elective 3
	___	Elective 3
		15

Junior Year

<i>Fall Semester</i>		S.H.	
PHIL 320	Ethics.....	3	
PHIL 381	Ancient Philosophy	3	
PHIL ___	Upper Division PHIL.....	3	
___ ___	Upper Division Elective.....	3	
___ ___	Elective.....	3	
			15

<i>Spring Semester</i>		S.H.	
PHIL 383	Medieval Philosophy	3	
PHIL ___	Upper Division PHIL.....	3	
PHIL ___	Upper Division PHIL.....	3	
___ ___	Upper Division Elective.....	3	
___ ___	Elective.....	3	
			15

Senior Year

<i>Fall Semester</i>		S.H.	
PHIL 385	Modern Philosophy I	3	
PHIL ___	Upper Division PHIL.....	3	
THST ___	Upper Division THST.....	3	
___ ___	Upper Division Elective.....	3	
___ ___	Elective.....	3	
			15

<i>Spring Semester</i>		S.H.	
PHIL 387	Modern Philosophy II	3	
PHIL 495	Senior Assessment	0	
PHIL 500	Senior Project.....	3	
___ ___	Upper Division Elective.....	3	
___ ___	Elective.....	3	
___ ___	Elective.....	3	
			15

Students may take no more than **ten upper division** courses in any one department, except for Philosophy, in which the maximum is thirteen.

PHIL 160**Philosophy of Human Nature**

3 Semester Hours

An introductory exploration of central questions and interpretations of human existence, carried on in light of the Catholic intellectual tradition. Satisfies core requirement in all Colleges and Schools.

PHIL 201**Symbolic Logic**

3 Semester Hours

An introduction to the techniques of modern mathematical logic, including proofs relying on the logic of truth-functions and quantifiers and their application to arguments in English. No mathematical training presupposed. Required for Philosophy majors.

PHIL 220**Critical Thinking**

3 Semester Hours

An introduction to the methods and principles of sound reasoning, with special attention to the analysis of deductive and inductive arguments, informal fallacies, and the nature and purpose of definition. Satisfies core requirement.

PHIL 254**Philosophy and Film**

3 Semester Hours

An investigation of the philosophical use of the film medium and an examination of particular philosophical ideas portrayed in films.

PHIL 298**Special Studies**

1-3 Semester Hours

PHIL 299**Independent Studies**

1-3 Semester Hours

I. Morality, Law, and Politics**PHIL 320****Ethics**

3 Semester Hours

A study of the questions which a person must ask in forming an intelligent philosophy of moral choice, carried on in the light of the Catholic intellectual tradition. Fulfills the upper-division Philosophy core requirement for all Colleges and Schools.

Prerequisite: Junior standing.

PHIL 321

Bioethics

3 Semester Hours

This course looks carefully at ethical issues that arise in the field of medicine, such as abortion, euthanasia, physician-assisted suicide, and the distribution of medical resources and care. Fulfills the upper-division Philosophy core requirement for all Colleges and Schools.

Prerequisite: Junior standing.

PHIL 322

Business Ethics

3 Semester Hours

This course considers ethical issues that arise in the field of business. Fulfills the upper-division Philosophy core requirement for all Colleges and Schools.

Prerequisite: Junior standing.

PHIL 324

Engineering Ethics

3 Semester Hours

This course looks at ethical questions that arise in the sciences, especially engineering, focusing on examples such as the Challenger disaster and the decisions that led up to it. Fulfills the upper-division Philosophy core requirement for all Colleges and Schools.

Prerequisite: Junior standing.

PHIL 326

Ethics of Love and Marriage

3 Semester Hours

This course focuses on the ethical dimensions of friendship, love, marriage, and commitment. Fulfills the upper-division Philosophy core requirement for all Colleges and Schools.

Prerequisite: Junior standing.

PHIL 327

Ethics and Education

3 Semester Hours

A look at the ethical and justice-related issues posed by the institutions of public and private education in modern democracies, with special focus on education in America. Fulfills the upper-division Philosophy core requirement for all Colleges and Schools.

Prerequisite: Junior standing.

PHIL 328

Media Ethics

3 Semester Hours

An exploration of the ethical challenges of professionals working in the media and communications industries, providing strategies for students to assess ethical dilemmas in business and creative decisions in film, television, popular music, news, public relations, and advertising professions. Fulfills the upper-division Philosophy core requirement for all Colleges and Schools.

Prerequisite: Junior standing.

PHIL 329

Topics in Applied Ethics

3 Semester Hours

An in-depth study of a contemporary ethical issue. Fulfills the upper-division Philosophy core requirement for all Colleges and Schools.

Prerequisite: Junior standing.

PHIL 330

Contemporary Moral Problems

3 Semester Hours

A study from the perspective of ethical theory of selected moral problems of contemporary interest and significance. Fulfills the upper-division Philosophy core requirement for all Colleges and Schools.

Prerequisite: Junior standing.

PHIL 331

Political Philosophy

3 Semester Hours

A philosophical analysis of the purposes and functions of the political state, including an analysis of the limits of political authority. Course content may vary from historical surveys (of, for example, Hobbes, Locke, Hume, Rousseau, Mill) to in-depth treatments of specific schools of political theory.

PHIL 332

Philosophy of Law

3 Semester Hours

A philosophical analysis of the rule of law and the operation of contemporary legal systems. Topics will include the nature of law and legal obligations, the relation between law and morality, and the criteria for ascribing both civil and criminal (legal) liability.

PHIL 333**Feminist Theory***3 Semester Hours*

A survey of the political, epistemological, and metaphysical questions raised for philosophy as traditionally conceived by the claim that sex and/or gender should play a significant role in its self-understanding.

PHIL 334**Images of Women in Philosophy***3 Semester Hours*

An exploration of the understanding of women and human nature in the various philosophical traditions.

II. Natural and Social Sciences**PHIL 341****Philosophy of Science***3 Semester Hours*

A study of the nature of science, with special attention to the history of science, contemporary scientific developments, and scientific method.

PHIL 342**Philosophy of Biology***3 Semester Hours*

A critical examination of central philosophical issues and controversies in the life sciences.

PHIL 343**Environmental Philosophy***3 Semester Hours*

This course addresses fundamental issues associated with the human relationship to the natural world. Specific topics will vary from semester to semester.

III. Arts and Literature**PHIL 351****Philosophy and Culture***3 Semester Hours*

A study of cultural forms as carriers of meaning and value. Topics may vary from year to year and could include analysis of cultural modes of expression, their interpretation and their origins, cultural pluralism, cultural relativism, and the notion of the transcultural.

PHIL 352**Philosophy and the Arts***3 Semester Hours*

A study of the meaning of art and what it can tell us about human beings, the nature of artistic intuition, and the creative process.

PHIL 353**Philosophy and Literature***3 Semester Hours*

An investigation of the philosophical use of literature and an examination of philosophical ideas portrayed in a variety of literary works, which may include plays, novels, autobiographies, and short stories.

IV. Religion and Theology**PHIL 361****Philosophy of God***3 Semester Hours*

The focus of this course is on the debate regarding concepts of God and the arguments for and against God's existence. It will examine the contributions of both classical and contemporary schools of thought to the debate.

PHIL 362**Philosophy and Christianity***3 Semester Hours*

An exploration of central philosophical issues that arise in Christian life—understood as pilgrimage. What is happiness? How does one integrate the immanent and the transcendent? How does Christian praxis relate to the political sphere?

PHIL 363**Personalism***3 Semester Hours*

An exploration of the nature of personhood and its implications for building a just society. Major personalist thinkers and critics—including Maritain, Mounier, Wojtyla, Weil, and Bellah—may provide a context for analysis.

PHIL 364**Indian Philosophy***3 Semester Hours*

An introduction to Indian philosophy through a study of classic texts and contemporary philosophical developments.

PHIL 365**Chinese Philosophy***3 Semester Hours*

An introduction to Chinese Philosophy, its subject matter, and methodologies, with special attention to the six philosophical schools and some fundamental philosophical concepts and persistent issues that arise in the development of the Chinese philosophical tradition.

PHIL 366**Philosophy of Religion***3 Semester Hours*

A philosophical investigation of the issues surrounding religion and religious beliefs. Possible topics will include: religious language, problem of evil, immortality, theism, and atheism.

PHIL 368**Chinese Ethics and Asian Values***3 Semester Hours*

This course explores four schools of thought in ancient China—Confucianism, Taoism, Moism, and Legalism—focusing on each school's texts, important characteristics, influences, ethical ideas, and their impacts on contemporary Chinese ethical thought.

Offered in Beijing.

V. History of Philosophy**PHIL 381****Ancient Philosophy***3 Semester Hours*

A study of pre-Socratic thought, Plato, and Aristotle. Part of the history sequence for majors.

PHIL 382**Philosophy in Late Antiquity***3 Semester Hours*

A study of major philosophical currents after Aristotle, including Neo-Platonism, Stoicism, and early Christian reactions to Greek philosophy.

PHIL 383**Medieval Philosophy***3 Semester Hours*

A study of the major philosophical movements from Augustine to Ockham. Part of the history sequence for majors.

PHIL 385**Modern Philosophy I***3 Semester Hours*

A study of 17th-century Rationalism and 18th-century Empiricism, including Descartes, Spinoza, Leibniz, Locke, Berkeley, and Hume. Part of the history sequence for majors.

PHIL 387**Modern Philosophy II***3 Semester Hours*

A study of Kant and post-Kantian developments, including 19th-century German idealism. Part of the history sequence for majors.

PHIL 398**Special Studies***1-3 Semester Hours***PHIL 399****Independent Studies***1-3 Semester Hours***VI. Contemporary Movements****PHIL 421****Pragmatism***3 Semester Hours*

A study of 19th and 20th century pragmatism, including the philosophies of Charles Sanders Peirce, William James, and John Dewey.

PHIL 422**The Analytic Tradition***3 Semester Hours*

An examination of some of the most influential philosophers whose work constitutes the Anglo-American tradition of the 20th century, including Frege, Russell, G.E. Moore, Wittgenstein, the Logical Positivists, the Ordinary Language Philosophers, and several contemporary post-analytic philosophers.

PHIL 423**Phenomenology***3 Semester Hours*

An introduction to phenomenological method through the close study of the works of Husserl and later phenomenologists.

PHIL 424**Existentialism***3 Semester Hours*

A study of 20th-century European existential philosophy and its 19th-century forerunners.

PHIL 426**Postmodernism***3 Semester Hours*

A study of strategies in Western philosophy from Meister Eckhart and Nicolaus Cusanus to Spinoza/Nietzsche/Scheler, Fichte/Peirce/Mead, Wittgenstein/Heidegger/Gadamer, and Derrida/Foucault.

PHIL 427**Chinese Contemporary Philosophy***3 Semester Hours*

An exploration of contemporary Chinese thought, focusing on its relationship to historically important philosophies such as Confucianism and Marxism, as well as to contemporary political, ecological, and religious influences.

Offered in Beijing.

PHIL 428**Spanish Philosophy***3 Semester Hours*

An exploration of Spanish (Iberian) philosophical figures and themes, including one or more of the following thinkers: Seneca, Averroës, Maimonides, Llull, Ibn Al'Arabi, Vives, St. Teresa of Jesus, St. John of the Cross, Suárez, Unamuno, Ortega y Gasset, Zubiri, Mora, Marías, and/or Trías.

VII. Major Thinkers

PHIL 451**Major Thinkers***3 Semester Hours*

Concentrated study of a single, major philosopher. Repeatable for degree credit.

VIII. Mind and Reality

PHIL 461**Epistemology***3 Semester Hours*

An introduction to the principal problems of epistemology as they appear in both classical and contemporary theories.

PHIL 463**Metaphysics***3 Semester Hours*

An introduction to classical and contemporary metaphysics, the general theory of being. Topics often include analogy, essence and existence, matter and form, potency and act, causality, and the transcendentals.

PHIL 464**Philosophy of Mind***3 Semester Hours*

An exploration of the nature of mind. Topics may vary and may include consciousness, experience, the self, the historical discovery of mind, and consideration of psychological theories of mental operations. Alternative theories will be critically examined.

PHIL 481**Special Topics***3 Semester Hours*

A seminar course which aims to expose students to the current research and special philosophical interests of departmental faculty. Topics vary from semester to semester.

PHIL 494**Ethics Minor Assessment***0 Semester Hours*

Assessment of student learning outcomes for the Ethics minor program. Includes completion of survey instruments, senior exit interview, and other forms of program evaluation.

CR/NC grading only.

Senior Ethics minor program students only.

Prerequisites: All required courses for the Ethics minor program either already completed or currently in progress.

PHIL 495**Senior Assessment***0 Semester Hours*

Assessment of student learning outcomes in the field of philosophy. Includes completion of survey instruments, senior exit interview, or other forms of end-of-program evaluation.

CR/NC grading only.

Senior Philosophy majors only.

Prerequisites: All required courses for the major in Philosophy completed or currently in progress.

PHIL 498**Special Studies***1-3 Semester Hours*

PHIL 499**Independent Studies***1-3 Semester Hours*

PHIL 500**Senior Project***3 Semester Hours*

A research and writing project completed under the guidance and direction of a faculty supervisor.

Political Science

Faculty

Chairperson: Evan Gerstmann

Professors: Michael A. Genovese, Seth B. Thompson

Associate Professors: Lance H. Blakesley, Evan Gerstmann,
Fernando J. Guerra, Janie S. Steckenrider

Assistant Professors: Antonio Brown, Jodi Susan Finkel,
Wayne LeCheninant, John Parrish

Objectives

The Department challenges and encourages students to:

- be perceptive observers of political life in all its variety and richness;
- seek a systematic understanding of the causes and consequences of political institutions, policies, and behavior;
- develop a moral and ethical perspective that allows them to critically evaluate actions, institutions, and policies; and
- prepare themselves for a life of active citizenship and involvement in creating a more just and humane world.

The Department challenges and encourages its faculty to:

- master the art of teaching,
- contribute to their profession as active scholars and researchers, and
- promote an atmosphere of care and concern for each student inside and outside the classroom.

Both faculty and students share a responsibility for creating a lively and diverse community of scholars marked by civility, mutual respect, and support.

Political Science Student Learning Outcomes

The Political Science Department strives to help all majors:

- 1) Broaden and deepen their knowledge of political institutions and of the forces that drive political movements, public policy, and public law.
- 2) Be able to use the major analytic and theoretical frameworks in several subfields of political science in order to effectively describe, explain, and predict political phenomena.
- 3) Be able to structure and evaluate normative political arguments.
- 4) Be able to effectively use evidence to analyze empirical political statements.

- 5) Develop a greater appreciation of the values and factual assumptions that underlie one's own political ideology.
- 6) Value active and engaged citizenship.

Major Requirements

Lower Division Requirements: 12 semester hours

POLS 130, 150, 210, 220.

An average grade of C (2.0) must be obtained in these courses.

Upper Division Requirements: 24 semester hours, including

- 1) At least one course in three of these five groups: Political Thought, U.S. Politics, Public Administration and Policy Analysis, Comparative Politics, and Public Law;
- 2) At least one course in International and World Politics. It is strongly recommended that POLS 360 be the first course taken in this group;
- 3) At least one 500-level seminar, preferably in the senior year.

An average grade of C (2.0) must be obtained in courses included in the major.

Minor Requirements

18 semester hours in Political Science, including two of the lower division major required courses listed. The remaining 12 semester hours must be upper division and selected from at least two of the groups 2 through 7. Specific programs should be planned individually with the advice of a faculty advisor.

An average grade of C (2.0) must be obtained in the courses included in the minor.

Honors in Political Science

Students who attain a GPA of 3.5 or higher, both overall and in the major, are eligible to enroll in the Honors Seminar (POLS 581) in the Fall of their senior year and to write an Honors Thesis (POLS 591) in the Spring of the senior year. The Honors Seminar is a prerequisite for the Honors Thesis. Students who attain a grade of A- or higher for the Honors Thesis will graduate with Honors in Political Science. Both the Honors Seminar and Honors Thesis count toward the 27 semester hours of upper division course work required of majors.

Political Science Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>	S.H.
or POLS 130 American Politics	3
or POLS 150 Comparative Politics..... (3)	
or AMCS 100 Intro to American Cultures	3
or AMCS 161 Young America, 1607-1900	(3)
ENGL 110 College Writing	3
or HIST ___ University Core	3
or PHIL 160 Phil. of Human Nature	(3)
or THST ___ University Core	(3)
MATH ___ University Core	3
	15

<i>Spring Semester</i>	S.H.
or POLS 130 American Politics	3
or POLS 150 Comparative Politics..... (3)	
or HIST ___ University Core	3
or PHIL 160 Phil. of Human Nature	(3)
or THST ___ University Core	(3)
___ ___ Critical/Creative Arts Core	3
___ ___ Literature Core.....	3
___ ___ Social Science Core.....	3
	15

Sophomore Year

<i>Fall Semester</i>	S.H.
or POLS 210 Empirical Approaches.....	3
or POLS 220 Survey of Political Thought..... (3)	
or HIST ___ University Core	3
or PHIL 160 Phil. of Human Nature	(3)
THST ___ University Core	(3)
___ ___ CMST/Crit Thinking Core.....	3
___ ___ Social Science Core.....	3
___ ___ Elective.....	3
	15

<i>Spring Semester</i>	S.H.
or POLS 210 Empirical Approaches.....	3
or POLS 220 Survey of Political Thought..... (3)	
or HIST ___ University Core	3
or PHIL 160 Phil. of Human Nature	(3)
or THST ___ University Core	(3)
___ ___ Critical/Creative Arts Core	3
___ ___ Science Core	3
___ ___ Elective.....	3
	15

Junior Year

<i>Fall Semester</i>	S.H.
POLS 360 World Politics	3
POLS ___ POLS Upper Division.....	3
or PHIL ___ Upper Division PHIL.....	3
or THST ___ Upper Division THST..... (3)	
___ ___ Upper Division Elective.....	3
___ ___ Elective.....	3
	15

<i>Spring Semester</i>	S.H.
POLS ___ POLS Upper Division.....	3
POLS ___ POLS Upper Division.....	3
or PHIL ___ Upper Division PHIL.....	3
or THST ___ Upper Division THST..... (3)	
___ ___ Upper Division Elective.....	3
___ ___ Elective.....	3
	15

Senior Year

Fall Semester

S.H.

POLS ___	POLS Upper Division.....	3
POLS ___	Upper Division Area Req.....	3
___ ___	Upper Division Elective.....	3
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3

15

Spring Semester

S.H.

POLS ___	Upper Division Area Req.....	3
POLS ___	POLS 500 Level	3
___ ___	Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3

15

Students may take no more than **ten upper division** courses in any one department, except for Philosophy, in which the maximum is thirteen.

Group 1:

POLS 130

American Politics

3 Semester Hours

A survey of the basic structure and procedures of the American political system.

Prerequisite: Political Science majors and minors only.

POLS 135

Contemporary American Politics

3 Semester Hours

An overview of the major political processes in contemporary American life.

Prerequisite: Non-Political Science majors only.

POLS 150

Comparative Politics

3 Semester Hours

Analyzes political institutions and policies in democratic and authoritarian countries. Combines conceptual understanding with case studies from Europe, Africa, Asia, and Latin America.

Prerequisite: Political Science majors and minors only.

POLS 155

Comparative Foreign Governments

3 Semester Hours

Analyzes political institutions and policies in democratic and authoritarian countries. Combines conceptual understanding with case studies from Europe, Africa, Asia, and Latin America.

Prerequisite: Non-Political Science majors only.

POLS 198

Special Studies

1-3 Semester Hours

POLS 199

Independent Studies

1-3 Semester Hours

POLS 210

Empirical Approaches to Politics

3 Semester Hours

This course introduces the assumptions of the scientific approach in the study of politics, the process of concept formation, and research design. Includes data analysis laboratory sessions.

Prerequisite: POLS 130.

POLS 220

Survey of Political Thought

3 Semester Hours

A survey of Western political thought from the Socratics to modern ideologies. The course develops students' writing skills.

POLS 298

Special Studies

1-3 Semester Hours

POLS 299

Independent Studies

1-3 Semester Hours

POLS 380

Washington Internship

1-6 Semester Hours

The academic component of a supervised internship in Washington, D.C.

Credit/No Credit grading only.

POLS 381**Internship***1-3 Semester Hours*

The academic component of a supervised internship in an appropriate agency in Los Angeles or Sacramento.

Credit/No Credit grading only.

POLS 385**Political Films and Media***3 Semester Hours*

An examination of the role of print and electronic media in politics and an exploration of political themes as presented in movies.

POLS 398**Special Studies***1-3 Semester Hours***POLS 399****Independent Studies***1-3 Semester Hours***POLS 430****Campaign***1 Semester Hour*

A study of the candidates and issues involved in the fall campaign of each election year.

Offered for Credit/No Credit only.

POLS 435**The Politics of California***1-3 Semester Hours*

An examination of the structure and dynamics of California government and politics.

POLS 485**Practicum in Politics***3 Semester Hours*

Involves a combination of field work with assigned readings, research, and group discussion with others engaged in these same endeavors.

POLS 491**Special Studies***1-3 Semester Hours***POLS 498****Special Studies***1-3 Semester Hours***POLS 499****Independent Studies***1-3 Semester Hours***POLS 581****Honors Seminar***3 Semester Hours*

A particularly challenging senior seminar for students contemplating graduate work. Also provides preparation for writing a senior thesis.

Prerequisites: POLS 210, 220, senior standing, and consent of instructor.

POLS 590**Senior Thesis***3 Semester Hours*

The senior thesis provides the opportunity for students to complete a substantive research project to culminate their study of Political Science.

Prerequisites: POLS 210, senior standing, and consent of department chairperson. Also, the student must obtain the written approval of the faculty supervisor the semester prior to writing the thesis.

POLS 591**Honors Thesis***3 Semester Hours*

This is an opportunity for Honors-Eligible students to complete a substantive research project to qualify for Departmental Honors.

Prerequisite: POLS 581.

Group 2: Political Thought**POLS 323****American Political Thought***3 Semester Hours*

A study of the origin and development of liberal democracy from Hobbes and Locke to contemporary American thinkers and groups.

POLS 324**Marx and Marxism***3 Semester Hours*

An examination of the Marxist contribution to socio-political thought from Marx to the current era.

POLS 392**Special Studies in Political Thought***1-3 Semester Hours***POLS 492****Special Studies in Political Thought***1-3 Semester Hours*

POLS 520
Modes of Political Inquiry
3 Semester Hours

An examination of the major frameworks of political inquiry: traditional, behavioral, and critical approaches.

Prerequisite: POLS 210.

POLS 521
Visions of Freedom
3 Semester Hours

This course focuses on issues such as “what is a free society?” and “why is freedom important?” Also examines legal and constitutional issues of freedom.

POLS 592
Special Studies in Political Thought
1-3 Semester Hours

Prerequisites: POLS 210 and senior standing.

Group 3: U.S. Politics

POLS 331
Political Socialization
3 Semester Hours

This course focuses on the processes of political learning involved in the development of the political self from childhood through the adult years. Emphasis on the individual’s orientations and on political culture.

POLS 332
Political Parties and Elections
3 Semester Hours

An analysis of political parties from the institutional and behavioral perspectives. Focus on party structures, participation, and the contemporary electoral process.

POLS 333
The United States Congress
3 Semester Hours

A study of the workings of the U.S. Congress with an emphasis on congressional elections, the legislative process, relations with other institutions, and representation.

POLS 334
Presidency
3 Semester Hours

A study of the powers, process, and problems of the modern United States presidency.

POLS 336
The Judiciary
3 Semester Hours

A study of how America’s courts really work, focusing on the role of judges, juries, and attorneys.

POLS 337
Racial and Ethnic Politics
3 Semester Hours

Comparative analysis of racial and ethnic groups within the United States political system. A focus on the effect of political institutions on minority groups at federal, state, and local levels. Examines the experience of minority groups to illuminate political process in the U.S.

(See CHST 337)

POLS 338
Civil Rights Movements
3 Semester Hours

An analysis of the current issues and controversies facing several civil rights movements.

POLS 393
Special Studies in U.S. Politics
1-3 Semester Hours

POLS 431
Public Opinion and Polling
3 Semester Hours

An examination of public opinion and political participation in terms of their development, trends, measurement, and influencing factors.

POLS 436
Politics of Los Angeles
3 Semester Hours

A study of the structure and dynamics of county, city, and special district governments in the Los Angeles metropolitan area.

POLS 437
Chicana/o Politics
3 Semester Hours

A study of the social and political development of the Chicano community in the United States.

(See CHST 337)

POLS 438
Women and Politics
3 Semester Hours

An analysis of the issues and topics resulting from the intersection of gender with the political system.

POLS 439**Political Psychology***3 Semester Hours*

A study of the relationship between selected psychological and social-psychological characteristics of individuals and political behavior.

POLS 493**Special Studies in U.S. Politics***1-3 Semester Hours***POLS 593****Special Studies in U.S. Politics***1-3 Semester Hours*

Prerequisites: POLS 210 and senior standing.

Group 4: Public Administration and Policy Analysis

POLS 340**Public Administration***3 Semester Hours*

Introduction to the problems, principles, and theory encountered in the field of public administration.

POLS 341**Race, Class, Culture, and Public Policy***3 Semester Hours*

An examination of the linkages between race, social class, culture, and public policy in discussions of two important public policy issues in the United States: the creation and persistence of the urban underclass and changes in the racial, economic, political, and cultural characteristics of the United States due to recent patterns of immigration.

POLS 345**Urban Politics***3 Semester Hours*

Analysis of political institutions and processes in urban areas of the U.S., including policy-making processes, power structures, urban problems, and inter-governmental relations.

POLS 349**African Americans and U.S. Public Policy***3 Semester Hours*

The course examines the historical role of race and African American racial identity in contemporary public policies such as Affirmative Action, racial profiling, social welfare, and the Voting Rights Act.

POLS 394**Special Studies in Public Administration and Policy Analysis***1-3 Semester Hours***POLS 440****Public Policy Analysis***3 Semester Hours*

An examination of the processes by which public policy is formulated, implemented, and evaluated. Emphasis will be placed on policy planning and evaluation competencies.

POLS 446**Public Policy on Aging***3 Semester Hours*

An introduction to the field of political gerontology with an emphasis on the public policies that affect the elderly population.

POLS 494**Special Studies in Public Administration and Policy Analysis***1-3 Semester Hours***POLS 540****Education Policy***3 Semester Hours*

A senior seminar examining selected dimensions of education policy in the United States.

Prerequisites: POLS 210 and senior standing.

POLS 594**Special Studies in Public Administration and Policy Analysis***1-3 Semester Hours*

Prerequisites: POLS 210 and senior standing.

Group 5: Comparative Politics

POLS 351**Politics of the European Union***3 Semester Hours*

An analysis of the political structures and processes of Great Britain, France, Germany, Italy, Spain, and other European nations.

POLS 352**Russia and Eastern Europe***3 Semester Hours*

An analysis of political processes and recent changes in Eastern Europe and in the republics that made up the former USSR.

POLS 353

Politics in the Middle East

3 Semester Hours

An overview and analysis of the major patterns and problems in political development and life in the Middle East and North Africa from a cross-national perspective.

POLS 354

Politics of Latin America

3 Semester Hours

Analyzes political institutions and processes in Latin America. Emphasizes current political and economic challenges to democratic consolidation in the region.

POLS 355

Politics of Asia

3 Semester Hours

An analysis of political institutions and political processes in Asian political systems, with special emphasis on China, Japan, and India.

POLS 356

Politics of Africa

3 Semester Hours

An analysis of the problems and prospects for political, economic, and social development in Africa south of the Sahara.

POLS 357

U.S.-British Politics

3 Semester Hours

A comparative study of political systems of the United States and Great Britain.

POLS 358

Politics of Development

3 Semester Hours

An analysis of the various theoretical approaches to understanding the political economy of developing nations and the empirical consequences of development strategies.

POLS 395

Special Studies in Comparative Politics

1-3 Semester Hours

POLS 451

National Identities

3 Semester Hours

The course uses empirical evidence and theoretical concepts of race, ethnicity, and gender to draw comparisons of national identity in countries on both sides of the Atlantic.

POLS 456

Identities in African Diaspora I: The Americas

3 Semester Hours

The course examines the political identities of peoples of African descent in North America, South America, and the Caribbean.

POLS 457

Identities in African Diaspora II: Western Europe

3 Semester Hours

The course examines the political identities of peoples of African descent in Western Europe.

POLS 458

Political Leadership

3 Semester Hours

A study of the sources and uses, limits, and possibilities of leadership in the political arena. The course focuses on leadership and followership in political systems across cultures and systems but focuses on the United States.

POLS 495

Special Studies in Comparative Politics

1-3 Semester Hours

POLS 550

Comparative Human Rights

3 Semester Hours

Examines the tension between human rights and national sovereignty and analyzes how international norms are changing the domestic protection of human rights. Explores how human rights are defined and derived, surveys the historical development of human rights law, and studies enforcement mechanisms and international tribunals.

Prerequisites: Senior standing and Political Science majors only.

POLS 551

New Social Movements

3 Semester Hours

The course analyzes sociopolitical movements across western cultures from the student movements, anti-war protests, and women's movements of the 1960s and 70s to contemporary social movements.

Prerequisites: POLS 210 and senior standing.

POLS 595

Special Studies in Comparative Politics

1-3 Semester Hours

Prerequisites: POLS 210 and senior standing.

Group 6: International and World Politics

POLS 360

World Politics

3 Semester Hours

An analysis of how nations behave and why. International conflict and cooperation, with an emphasis on nation-state interaction.

Prerequisite: Political Science majors and minors only.

POLS 361

International Cooperation

3 Semester Hours

A study of the patterns of formal institution building and informal regime definition that underlie and define the development of cooperative relationships among the nations of the world.

POLS 362

International Security

3 Semester Hours

A survey of challenges to security and peace in modern international relations, such as war, the nuclear peril, terrorism, revolution, ecological dangers, economic pressures, and sociodemographic crises.

POLS 365

United States Foreign Policy

3 Semester Hours

Analysis of recent United States foreign policy with a focus on the policy making and implementation process.

POLS 396

Special Studies in International and World Politics

1-3 Semester Hours

POLS 461

United States and Latin America

3 Semester Hours

A survey of the international relations between the United States and the countries of Latin America.

POLS 465

World Political Economy

3 Semester Hours

A study of international political economy with an emphasis on North-South relations.

POLS 496

Special Studies in World Politics

1-3 Semester Hours

POLS 560

Global Agenda

3 Semester Hours

A senior seminar focusing on global political dynamics, transformations, and issues.

Prerequisites: POLS 210 and senior standing.

POLS 596

Special Studies in World Politics

1-3 Semester Hours

Prerequisites: POLS 210 and senior standing.

Group 7: Public Law

POLS 397

Special Studies in Public Law

1-3 Semester Hours

POLS 471

United States Constitutional Law: Case Method I

3 Semester Hours

Judicial, executive, and legislative power; individual rights.

POLS 472

United States Constitutional Law: Case Method II

3 Semester Hours

Freedom of Speech and Equal Protection.

POLS 475

International Law

3 Semester Hours

Focus on some of the major doctrines of international law and the processes of making and implementing law in the contemporary international system.

POLS 497

Special Studies in Public Law

1-3 Semester Hours

POLS 570

Child Advocacy Seminar

3 Semester Hours

Internship and seminar exploring family and juvenile law with an emphasis on Los Angeles.

Prerequisites: POLS 210, senior standing, and consent of instructor.

POLS 571

The Law and Presidential Power

3 Semester Hours

A senior seminar examining the ways and extent to which the Constitution and statutes empower and enchain the American President.

Prerequisites: POLS 210 and senior standing.

POLS 572

Women and the Law

3 Semester Hours

This course focuses on the evolution and current situation of how women and their related issues fare in the legal system, including domestic violence, child custody, reproductive rights, marriage and divorce, domestic partnerships, education, employment, sexual harassment, prostitution and pornography.

Prerequisites: Senior standing and Political Science majors only.

POLS 597

Special Studies in Public Law

1-3 Semester Hours

Prerequisites: POLS 210 and senior standing.

Psychology

Faculty

Chairperson: Michael J. O'Sullivan

Professors: Ronald K. Barrett, Larry C. Bernard,
Judith G. Foy, Michael R. Foy, Richard L. Gilbert,
Cheryl N. Grills, Ricardo A. Machón,
Michael J. O'Sullivan

Associate Professors: Jennifer S. Abe-Kim,
Michael E. Mills

Assistant Professors: Máire Ford, David J. Hardy,
Joseph W. LaBrie, S.J., Vandana Thadani

Mission

The Psychology program shares the University's commitment to develop ethical leaders for a culturally diverse world, and contributes to the liberal education of students. Through a comprehensive education in the science of psychology, the Psychology Department seeks to educate the whole person, pursue academic excellence, advance scholarship, promote service and justice, and encourage life-long learning.

Description

The Psychology Department provides a high quality curriculum emphasizing excellence in teaching and learning. Students majoring in psychology examine in depth many aspects of human and animal behavior, along with the biological, psychological, and sociocultural aspects of behavior. Students are provided the opportunity to apply these perspectives to a variety of individual, family, and community contexts. As students progress through the curriculum, they have opportunities to assist faculty with research and engage in their own research with faculty supervision. The program prepares students for graduate study in psychology and related fields or careers in other professions.

Goals and Objectives

The goals of the Psychology curriculum focus on educating students in the methodology, content, and application of psychological science.

Goal 1: Theory and Methodology in Psychology

Students should:

- Understand the role of psychology as a discipline that uses an empirical approach to knowledge; and
- Use, respect, and value skeptical inquiry, critical thinking, and the scientific approach to understanding behavior.

Knowledge areas students will study/learn:

- Basic research methods and ethics
- History and systems and philosophy of science
- Data analysis and interpretation
- Scientific and critical thinking
- Scientific writing and communication.

Goal 2: Mastery of Content (Discipline Specific Knowledge)

Students should be familiar with:

- Core theoretical approaches and research findings that reflect a biopsychosocial understanding of behavior; and
- More in-depth theoretical approaches and research findings within at least one subject area in psychology.

Core knowledge areas students will study/learn:

- Biological foundations of behavior
- Psychological foundations of behavior
- Social and cultural foundations of behavior
- Biopsychosocial development across the lifespan.

Goal 3: Application of Knowledge and Scientific Method

Students should demonstrate the application of psychological theory, methodology, and findings to:

- An understanding of the whole person, as an individual and as a member of a larger community, society, and culture; and
- The promotion of social justice in these contexts.

Psychology Student Learning Outcomes

Upon completion of the Psychology curriculum, students will demonstrate knowledge of the history, foundations, content, and analytical skills of psychology in their ability to:

- Value the importance of a scientific approach to understanding human behavior
- Apply critical thinking in their understanding of psychological principles
- Evaluate critically research both in the social sciences and as presented in the media
- Locate, understand, and critique relevant empirical research on a selected topic
- Identify ethical issues in research
- Apply ethical principles in their own research
- Formulate a hypothesis based on past research
- Design research to test a hypothesis
- Write complete manuscripts in APA style
- Demonstrate increased skills in their oral and written communication on psychological topics
- Analyze and critically evaluate the biopsychosocial components of behavior
- Apply psychological principles, including the consideration of ethics and social justice, in understanding and solving contemporary problems/issues

Major Requirements

Pre-major Requirements (12 semester hours):

Introduction to Psychology (PSYC 101)

Critical Thinking (PHIL 220)

Human Anatomy & Physiology (NTLS 150)

Elementary Statistics (MATH 104)

Note: A student must earn a grade of C (2.0) or higher in each of these courses. If a student earns a grade of C- (1.7) or lower, the student must repeat the course in the subsequent semester.

- A) A calculus course with a grade of C or higher may be substituted for MATH 104 after consultation with a departmental advisor.
- B) Another biology course with a grade of C or higher, containing information on anatomy, physiology, or human biology, may be substituted for NTLS 150 after consultation with a departmental advisor.

NOTE: Students must earn a grade of C (2.0) or higher in each of these courses before they can be eligible to declare or to remain a Psychology major. Students must retake pre-major requirements for which they earned a grade of C- (1.7) or lower and achieve a grade of C (2.0) or higher.

Lower Division Major Requirements (13 semester hours):

1. Statistical Methods for Psychology (PSYC 241) and Lab (PSYC 243). Prerequisites: Grade of C (2.0) or higher in each: MATH 104, PSYC 100 or 101, 243 or concurrent enrollment.
2. Brain and Behavior (PSYC 251). Prerequisites: Grade of C (2.0) or higher in each: NTLS 150, PSYC 100 or 101, or consent of instructor.
3. Experimental Methods (PSYC 261). Prerequisites: Grade of C (2.0) or higher in each: PHIL 220, PSYC 100 or 101, 241, 243.
4. Nonexperimental Methods (PSYC 265). Prerequisites: Grade of C (2.0) or higher in each: PHIL 220, PSYC 100 or 101, 241, 243.

Upper Division Major Requirements (24 semester hours):

1. Cognition (PSYC 401). Prerequisites: PSYC 251, 261, and 265 (grade of C [2.0] or higher in each).
2. Social (PSYC 410). Prerequisites: PSYC 251, 261, and 265 (grade of C [2.0] or higher in each).
3. Lifespan Development (PSYC 415). Prerequisites: PSYC 251, 261, and 265 (grade of C [2.0] or higher in each).

NOTE: Students must earn a grade of C (2.0) or higher in each course fulfilling these three requirements before they can (a) continue on in a Concentration in the major, and (b) take other 400- or 500-level PSYC courses. Students must retake any of these courses for which they earned a grade of C- (1.7) or lower and achieve a grade of C (2.0) or higher.

4. Concentration (12 semester hours). Students will declare one of the four concentrations listed below. In consultation with their academic advisor, students will select four upper division courses within their concentration. No more than 6 semester hours may be taken from the PSYC 300 series.

Concentrations:

General Psychology: This concentration provides the greatest flexibility. Students will select any four upper division courses. No more than two courses may be taken from the PSYC 300 series.

Biology and Behavior: This concentration emphasizes theory and research investigating the interrelation between biology and behavior. Students will select four of the following courses (no more than two courses may be taken from the PSYC 300 series): PSYC 310, 351, 402, 430, 432, 443, 445, 452, 455, 456, 457, 458.

Individual/Family: This concentration emphasizes the application of psychological theory and research to individuals and families. Students will select four of the following courses (no more than two courses may be taken from the PSYC 300 series): PSYC 301, 310, 315, 320, 321, 325, 330, 362, 402, 430, 432, 434/435, 436, 438, 442, 445, 452, 455, 456, 465.

Community/Organizational: This concentration emphasizes the application of psychological theory and research to communities and organizations. Students will select four of the following courses (no more than two courses may be taken from the PSYC 300 series): PSYC 301, 315, 320, 330, 362, 432, 433, 442, 445, 462.

5. Capstone Course: PSYC 510 or 515. Prerequisites: All required courses completed or currently in progress.
6. Senior Assessment: PSYC 595. Prerequisite: Concurrent enrollment in PSYC 510 or 515, or completed with a grade of C (2.0) or higher.

Students may take an additional 6 semester hours of upper division psychology courses and have them count as electives. Students may not take more than 30 semester hours of upper division psychology courses.

Honors in Psychology

To qualify for the Honors in Psychology program, a Psychology major must have senior status (completed 90 semester hours or more), a minimum overall GPA of 3.5, and a Psychology GPA ranking in the top 10% of senior psychology majors. Eligible students enroll in the Honors Seminar (PSYC 540) in the Fall of their senior year and complete the Honors Research Thesis (PSYC 545) in the Spring of their senior year. The Honors Seminar is a prerequisite for the Honors Research Thesis. Both PSYC 540 and PSYC 545 are in addition to the 24 semester hours of upper division course work required of majors.

Senior Assessment

All senior students majoring in Psychology are required to register for and take the Senior Assessment (PSYC 595) prior to graduating. The assessment is offered each semester and summer.

A grade of C (2.0) or higher must be obtained in major courses. Psychology majors are prohibited from taking 400-level or higher psychology courses before completing all lower division Psychology major requirements. Exceptions to this policy may be made only with the prior consent of the Psychology Department Chairperson.

All courses fulfilling lower division pre-major and major requirements, PSYC 401, PSYC 410, and PSYC 415 must be taken at Loyola Marymount University. Transfer students are exempt from this requirement only for those courses they have completed prior to admission to Loyola Marymount University.

Students may not register for any Psychology course for a third time without the written permission of the Psychology Department Chairperson and the Dean of the Bellarmine College of Liberal Arts.

Minor Requirements

MATH 104; NTLS 150; PHIL 220; PSYC 100 or 101, 241, 243, 251, 261, 265; and at least two of the following upper division courses: PSYC 401, 410, 415, or any 300-level PSYC course. Courses are selected in consultation with the Psychology Department Chairperson. A grade of C (2.0) or higher must be obtained in minor courses. All courses fulfilling minor requirements must be taken at Loyola Marymount University. Transfer students are exempt from this requirement only for those courses they have completed prior to admission to Loyola Marymount University.

Psychology Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
ENGL 110	College Writing	3
MATH 104	Elementary Statistics	3
NTLS 150	Human Anatomy & Physiol	3
PHIL 220	Critical Thinking	3
PSYC 101	Introduction to Psychology	3
		—
		15

<i>Spring Semester</i>		S.H.
AMCS 100	Intro to American Cultures	3
or AMCS 161	Young America, 1607-1900	(3)
PSYC 241	Statistical Methods for Psych.....	3
PSYC 243	Statistical Methods Lab	1
PSYC 251	Brain and Behavior	3
HIST —	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
or THST —	University Core	(3)
— —	Literature Core.....	3
		—
		16

Junior Year

<i>Fall Semester</i>		S.H.
PSYC 410	Social Psychology	3
PSYC 415	Lifespan Development	3
HIST —	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
or THST —	University Core	(3)
or PHIL —	Upper Division PHIL.....	3
THST —	Upper Division THST.....	(3)
— —	Elective.....	3
		—
		15

<i>Spring Semester</i>		S.H.
PSYC —	Upper Div. Concentration	3
PSYC —	Upper Div. Concentration	3
or PHIL —	Upper Division PHIL.....	3
or THST —	Upper Division THST.....	(3)
— —	Upper Division Elective.....	3
— —	Elective.....	3
		—
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
PSYC 261	Experimental Methods	3
PSYC 265	Nonexperimental Methods	3
HIST —	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
or THST —	University Core	(3)
— —	Critical/Creative Arts Core	3
— —	Social Science Core.....	3
		—
		15












<i>Spring Semester</i>		S.H.
PSYC 401	Cognition	3
HIST —	University Core	3
or PHIL 160	Phil. of Human Nature	(3)
or THST —	University Core	(3)
— —	Critical/Creative Arts Core	3
— —	Social Science Core.....	3
— —	Elective.....	3
		—
		15

Senior Year

<i>Fall Semester</i>		S.H.
PSYC —	Upper Div. Concentration	3
PSYC —	Upper Div. Concentration	3
— —	Upper Division Elective.....	3
— —	Upper Division Elective.....	3
— —	Elective.....	3
		—
		15

<i>Spring Semester</i>		S.H.
PSYC 510	Capstone: History & Future	3
or PSYC 515	Capstone Seminar.....	(3)
PSYC 595	Senior Assessment	0
— —	Upper Division Elective.....	3
— —	Upper Division Elective.....	3
— —	Elective.....	3
— —	Elective.....	3
		—
		15

Psychology Curriculum
The Five Steps of the LMU Program:

1 PREPARATION	2 FOUNDATION	3 BREADTH	4 CONCENTRATIONS	5 CAPSTONE	HONORS
Non-Departmental	Lower Division Psychology	Upper Division Psychology			
PHIL 220 Critical Thinking 				PSYC 510 History & Future of Psychology	PSYC 540 Honors Seminar
	PSYC 101 Introduction to Psychology 	PSYC 401 Cognition 	GENERAL PSYCHOLOGY (flexible option)	OR	AND
NTLS 150 Human Anatomy & Physiology 	PSYC 251 Brain & Behavior 	PSYC 410 Social 	BIOLOGY & BEHAVIOR	PSYC 515 Capstone Seminar	PSYC 545 Honors Research Thesis
				AND	
		PSYC 261 Experimental Methods 	PSYC 415 Lifespan Development 	INDIVIDUAL/FAMILY	PSYC 595 Senior Assessment (0 units)
MATH 104 Elementary Statistics 	PSYC 241/243 Statistical Methods & (1 unit) Lab 			COMMUNITY/ORGANIZATIONAL	
		PSYC 265 Nonexperimental Methods 			
1 st Year 9 units	1 st & 2 nd Year 16 units	2 nd & 3 rd Year 9 units	3 rd & 4 th Year 12 units	4 th Year 3 units	4 th Year 6 units

NOTE: ALL COURSES ARE 3 UNITS UNLESS OTHERWISE SPECIFIED



Indicates prerequisite (completed with a grade of C or better) required for next course or level on chart

Students may take no more than **ten upper division** courses in any one department, except for Philosophy, in which the maximum is thirteen.

PSYC 100
General Psychology

3 Semester Hours

Introduction to psychology: historical origins; methods of investigation; topics such as sensation, perception, learning, cognition, motivation, and emotion; fields such as physiological, development, personality, social, abnormal, testing, applied psychology, and psychotherapy.

PSYC 101
Introduction to Psychology

3 Semester Hours

Introduction to the scientific study of behavior, including an overview of the history of psychology, biological basis of behavior, sensation/perception, consciousness, learning, memory, cognition, language, motivation, emotion, intelligence, development, personality, psychological disorders, therapy, social behavior, and psychological testing.

Majors/minors only.

PSYC 198
Special Studies

1-3 Semester Hours

PSYC 199
Independent Studies

1-3 Semester Hours

PSYC 241
Statistical Methods for Psychology

3 Semester Hours

Statistical concepts and methods related to psychological testing and research, including measures of central tendency, variance, hypothesis testing, analysis of variance, correlation, regression, non-parametric tests, use of computer aids.

Lab Required.

Prerequisites: Grade of C (2.0) or higher in each: MATH 104, PSYC 100 or 101, 243 or concurrent enrollment.

PSYC 243
Statistical Methods for Psychology Lab

1 Semester Hour

Companion lab course to PSYC 241. Data management and statistical analysis using SPSS.

Prerequisite: Grade of C (2.0) or higher in PSYC 241 or concurrent enrollment.

PSYC 251
Brain and Behavior

3 Semester Hours

Biological basis of behavior; structure and function of the sensory and effector mechanisms, neural and endocrine systems, and their underlying physiological substrates.

Prerequisites: Grade of C (2.0) or higher in each: NTLS 150, PSYC 100 or 101, or consent of instructor.

PSYC 261
Experimental Methods

3 Semester Hours

Introduces the basic principles of experimental designs. Provides students with fundamental background for planning, conducting, and critiquing experimental research in psychology. Emphasizes scientific writing, including APA style; and data interpretation using inferential, descriptive, and relational statistics. Includes how to generate and test hypotheses, search the scientific literature, the nature of variables, types of measurement, types and assessment of reliability and validity, and ethical issues in empirical research.

Prerequisites: Grade of C (2.0) or higher in each: PHIL 220; PSYC 100 or 101, 241, 243.

PSYC 265
Nonexperimental Methods

3 Semester Hours

Introduces the basic principles of nonexperimental and quasi-experimental designs. Provides students with fundamental background for planning, conducting, and critiquing nonexperimental, quasi-experimental, and qualitative research in psychology. Emphasizes philosophy of science and scientific writing, including APA style. Methods and designs may include quasi-experimental, correlational, meta-analytic, survey, longitudinal, narrative, participatory action, ethnographic, focus groups, and mixed methodologies. Statistical procedures include those appropriate to these methods and designs.

Prerequisites: Grade of C (2.0) or higher in each: PHIL 220; PSYC 100 or 101, 241, 243.

PSYC 298
Special Studies

1-3 Semester Hours

Prerequisite: Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 299**Independent Studies***1-3 Semester Hours*

Prerequisite: Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 301**Introduction and Overview of Alcohol, Tobacco, and Other Drugs***3 Semester Hours*

History of alcohol and other mood-altering drugs in the United States, the myths and stereotypes of alcohol use, the socio-cultural factors that contribute to drug use, and the patterns and progressions of alcoholism and other drug dependency.

Prerequisites: Junior standing. Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 310**Psychology of Sex Differences***3 Semester Hours*

Explores sex and sex differences from a biosocial or evolutionary psychology perspective. Examines evolution of sexual reproduction, the two sexes, sexually dimorphic morphology, behavior, and emotion. Identifies and examines different reproductive strategies employed by males and females (including nonhuman species) and resulting conflicts of interests between the sexes. Particular focus given to sex differences in sexuality, courtship, jealousy, mating systems, and parenting.

Prerequisites: Junior standing. Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 315**Psychology of Women***3 Semester Hours*

Women's biological, emotional, cognitive, and behavioral functioning will be reviewed. Topics of special concern to women (e.g., discrimination, sexual harassment, parenting, etc.) will also be discussed.

Prerequisites: Junior standing. Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 319**African and Black Psychology***3 Semester Hours*

A biopsychosocial/spiritual review of topics in psychology from an Africentric perspective. A survey course examining and contrasting basic theories, research, and concepts in African psychology and Black psychology. Selected features of the discipline of western psychology are critiqued from an African-centered perspective.

Prerequisites: Junior standing. Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 320**Psychology of Race, Culture, and Ethnicity***3 Semester Hours*

Theories and research on psychological, social, and cultural influences in prejudice, racism, ethnic identification, stereotyping, and racial conflict.

Prerequisites: Junior standing. Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 321**Psychology of Marriage***3 Semester Hours*

Exploration of theories and research on psychological processes in interpersonal attraction; intimacy, marriage, and family relationships.

Prerequisites: Junior standing. Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 325**Applied Sport Psychology***3 Semester Hours*

Explores the relationship of psychological factors to performance in sports. Emphasizes the application of psychological techniques to sport and exercise, including such topics as: personality, motivation, arousal, anxiety, competitiveness, and aggression. Examines psychosocial aspects of team versus individual sports, performance enhancement strategies, and injury avoidance and recovery. Self-assessment and activities facilitate growth and development in personal abilities to enhance performance in a sport and in a variety of non-sport settings.

Prerequisites: Junior standing. Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 330
Forensic Psychology
3 Semester Hours

Examines the interaction of psychology and law. Topics include basic assumptions of law and professional and academic psychology; psychological malpractice; role of mental health experts as expert witnesses, diagnosticians, treatment providers, and advisors in tort law, family law, mental health law, criminal law, and alternative dispute resolution including mediation. Covers fundamental legal procedures, roles of mental health professionals who interact with the legal system, psychological research on legal issues, and common ethical and legal issues related to psychological practices in these areas.

Prerequisites: Junior standing. Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 332
Psychological Disorders
3 Semester Hours

An introduction to the biological, psychological, and social determinants of psychopathology and maladaptive behaviors. Focus on the causes, diagnosis, and treatment of these disorders. This course is designed for students not majoring in Psychology.

Not open to majors in Psychology.

Prerequisites: Junior standing. Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 351
Comparative Animal Behavior
3 Semester Hours

An examination of the ecological and social determinants of the evolution of adaptive behavioral strategies for various classes of behavior across species, including foraging, courtship and reproduction, mating systems, aggression, territoriality, and parenting. Field trips to observe animals.

Prerequisites: Junior standing. Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 352
Developmental Psychology
3 Semester Hours

Research and theories of normal human development from conception through adult maturity, old age, and death. Focus on growth and change in biological, cognitive, and social processes in psychological development. This course is designed for students not majoring in Psychology.

Not open to majors in Psychology.

Prerequisites: Junior standing. Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 357
Language, Literacy, and Community
3 Semester Hours

Study of psychological processes and social structures involved in early reading. Course contains a community-based learning component where students participate in interventions with at-risk children.

Prerequisites: Junior standing. Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 362
Psychology of Religion
3 Semester Hours

Examines the religious experience from a psychological perspective, including methods of developing spiritual awareness, classic writings in the field, and review of empirical research.

Prerequisites: Junior standing. Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 398
Special Studies
1-3 Semester Hours

Prerequisites: Junior standing. Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 399
Independent Studies
1-3 Semester Hours

Prerequisites: Junior standing. Grade of C (2.0) or higher in PSYC 100 or 101.

PSYC 401
Cognition
3 Semester Hours

Contemporary theories and research regarding cognitive processes: perception, pattern recognition, attention, memory, representation of knowledge, mental imagery, psycholinguistics, concept formation, problem-solving, and reasoning. Explores the application of these theories to study skills, education, neuropsychology, psychopathology, cognitive development, intelligence, and computer models of cognition.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 100 or 101, 251, 261, 265.

PSYC 402**Learning***3 Semester Hours*

Systematic theories of learning and problem solving in animals and humans, with a discussion of the relation of such theories to theories of psychopathology, education, and psychotherapy.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 410**Social Psychology***3 Semester Hours*

Contemporary theories and empirical research related to person perception, affiliation, interpersonal attraction, group structure and dynamics, social influence, attitude change, aggression, prosocial behavior, and prejudice.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 100 or 101, 251, 261, 265.

PSYC 415**Lifespan Development***3 Semester Hours*

Research and theories of normal human development from conception through death, with emphasis on changes in physical, cognitive, and social-emotional processes with age.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 100 or 101, 251, 261, 265.

PSYC 430**Motivation and Emotion***3 Semester Hours*

Animal and human research related to needs, desires, feelings, and purposes that arouse and direct behavior.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 432**Health Psychology***3 Semester Hours*

Explores the relationship between behavioral principles/personality and physical health/illness.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 433**Community Psychology***4 Semester Hours*

History and principles of human services delivery systems of community mental and physical health in settings affected by poverty, social discord, and dehumanizing factors in urban living.

Lab Required.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 434**Psychology of Death and Dying***3 Semester Hours*

Theoretical and empirical research on the psychological nature of death and dying in the human life span process will be fully examined.

Lab Required.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415, 435 or concurrent enrollment.

PSYC 435**Psychology of Death and Dying Lab***1 Semester Hour*

Companion lab course to PSYC 434. Observation and data collection from various institutions and community settings related to concerns of illness, health maintenance, dying, death, and funerals.

Prerequisites: Grade of C (2.0) or higher in PSYC 434 or concurrent enrollment.

PSYC 436**Personality***3 Semester Hours*

A survey of the major contemporary theories of personality and relevant research and applications related to each theory.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 438**Abnormal Psychology***3 Semester Hours*

Causes, diagnosis, and treatment of various mental disorders: schizophrenia, mood disorders, anxiety disorders, personality disorders, childhood disorders, sexual dysfunctions, and other conditions covered in DSM IV-TR.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 442**Psychological Assessment***3 Semester Hours*

Basic concepts of measurement theory including reliability, validity, and scaling; developing and standardizing tests, behavioral observation, unobtrusive measures, intelligence tests, personality assessment, including projectives and vocational tests.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 443**Advanced Statistics***3 Semester Hours*

Advanced statistical methods using computer statistical packages. Topics include factor analysis, multiple regression, and multivariate analysis of variance.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 445**Research Practicum***3 Semester Hours*

Students design and conduct an experiment or other empirical research in a specific area of psychology. Highly recommended for undergraduates considering graduate school.

Prerequisites: Grade of B (3.0) or higher in each: PSYC 241, 243, 261, 265. Grade of C (2.0) or higher in each: PSYC 401, 410, 415. Consent of instructor.

PSYC 452**Evolutionary Psychology***3 Semester Hours*

Examination of the biosocial development of adaptive behavioral strategies for various classes of behavior including altruism, intergenerational conflict, courtship, parenting, territoriality, sibling rivalry, aggression.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 455**Neuropsychology***3 Semester Hours*

Clinical neuropsychology: brain damage and organic syndromes, diagnosis, and biological therapies.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 456**Psychopharmacology***3 Semester Hours*

Study of psychopharmacological prevention, diagnosis, and treatment of mental disorders; secondary focus on psychopharmaco-dynamics and neurochemistry of drugs which derive their primary effect by acting on the central nervous system.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 457**Psycholinguistics Research***3 Semester Hours*

Students participate in on-going studies in the areas of speech, language, and reading under the mentorship of the professor. Students study a current research topic in detail, formulate a research hypothesis, design an experiment, and collect and statistically analyze the data. The final product for the course is dissemination of the research report at a major conference and/or submission of the APA-style manuscript to a major journal.

Prerequisites: Grade of B (3.0) or higher in each: PSYC 241, 243, 261, 265. Grade of C (2.0) or higher in each: PSYC 401, 410, 415. Consent of instructor.

PSYC 458**Psychobiology Research***3 Semester Hours*

Students participate in on-going laboratory research on the psychobiology of learning and memory. Emphasis is on theoretical and methodological issues, research design, data collection, analysis, and interpretation.

Prerequisites: Grade of B (3.0) or higher in each: PSYC 241, 243, 261, 265. Grade of C (2.0) or higher in each: PSYC 401, 410, 415. Consent of instructor.

PSYC 462**Industrial/Organizational Psychology***3 Semester Hours*

Human problems in industry and business: motivation, morale, efficiency, human relations, occupational fatigue and rest, accident proneness, human engineering, and leadership.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 465**Couple and Family Systems***3 Semester Hours*

Imparts an understanding of individuals in systems and introduces the practice of therapeutic intervention at the couple and family level. Some of the major approaches are critically reviewed, demonstrated, and practiced. Students explore themselves, their own backgrounds and biases, their ability to work therapeutically at the systemic level, and sensitivities relating to cultural and other difference in people from various backgrounds. Covers ethics and professional issues in working with people in systems. Requires participation in self-development exercises such as role-playing, as well as self, peer, and instructor critiques of one's performance.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 490**Teaching Internship***1-3 Semester Hours*

Guided teaching of undergraduate laboratories. May be repeated for credit.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 498**Special Studies***1-3 Semester Hours*

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 499**Independent Studies***1-3 Semester Hours*

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 510**Capstone Course: The History and Future of Psychology***3 Semester Hours*

Survey of major trends in philosophy and science culminating in the establishment of scientific psychology, with attention to theories and systems that have influenced psychology to the present time. Review and critique of psychology and the biopsychosocial model. Future of psychology and its methods and models. Course fulfills capstone requirement.

Senior psychology majors only.

Prerequisites: All required courses for the major completed or currently in progress.

PSYC 515**Capstone Seminar***3 Semester Hours*

Seminar focuses on a faculty-selected topic to be investigated using the biopsychosocial perspective. The topic of this seminar may be related to the focus of the annual Bellarmine Forum, other major university forum, or a selected issue of current social importance. Students will review and integrate their learning in psychology. Course fulfills capstone requirement.

Senior psychology majors only.

Prerequisites: All required courses for the major completed or currently in progress.

PSYC 540**Honors Seminar***3 Semester Hours*

For departmental Honors-Eligible students, this seminar examines a faculty-selected topic from one or more of the biopsychosocial perspectives. Students will complete an extensive literature review on the topic.

Senior psychology majors only.

Prerequisites: Consent of Department Chairperson.

PSYC 545**Honors Research Thesis***3 Semester Hours*

Departmental Honors-Eligible students design and conduct empirical research in a specific area of psychology. The completed research report, written in APA style, is the student's Honors Thesis.

Senior psychology majors only.

Prerequisites: Consent of Department Chairperson.

PSYC 595**Senior Assessment***0 Semester Hours*

Assessment of student learning outcomes in the field of psychology. Includes written examination or some other form of written assessment, completion of survey instruments, senior exit interview, or other forms of end-of-program evaluation. PSYC 595 is offered three times a year (spring, summer, and fall) on a Credit/No Credit basis.

CR/NC grading only.

Lab fee.

Senior Psychology majors only.

Prerequisites: All required courses for the major completed or currently in progress.

PSYC 598

Special Studies

1-3 Semester Hours

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

PSYC 599

Independent Studies

1-3 Semester Hours

Students work individually with a selected professor on a specific area of interest. Students who have completed PSYC 445 may wish to conduct further research independently.

Prerequisites: Grade of C (2.0) or higher in each: PSYC 401, 410, 415.

Sociology

Faculty

Chairperson: James Faught

Professor: James Faught

Associate Professor: Peter Hoffman

Assistant Professors: Stacy Lee Burns, Margaret L. Hunter,
Eric Magnuson, David Marple, Anna Muraco

Objectives

As a department, our objectives are to foster the intellectual development of students and to promote lifetime learning experiences. We do this through teaching and applying the insights of sociological perspectives to achieve a critical understanding of social reality and the human condition.

Our curriculum is designed to explore relationships within society, the social and cultural influences on human behavior, dynamics of interaction, and social institutions and social change in a global context.

Sociology Student Learning Outcomes

Students majoring in Sociology should know:

- The processes and structures that establish the underlying regularities of social life
- How social life is continually reconstructed through opposition and deviance
- The significance of cultural differences in traditional and modern societies
- The origin and development of principal theoretical ideas that inform contemporary sociological inquiries
- The basic methodological and statistical strategies used in contemporary sociology;

Students majoring in Sociology should be able to:

- Recognize how social life is structured in ways that influence choices, opportunities, and action
- Demonstrate an ability to write and speak effectively about contemporary social issues
- Read, assess, and interpret the results of sociological research
- Successfully complete an independent research project that competently draws from current theoretical, methodological, and empirical research;

Students majoring in Sociology should value:

- A knowledge of the range of interests and goals expressed by groups and organizations in society
- The ways in which sociological research may be effectively employed by organizations and institutions
- The application of sociological knowledge in order to enhance the quality of life
- A reasoned participation in community life that is informed by grounded sociological knowledge.

Major Requirements

Lower Division Requirements (15 semester hours):

SOCL 100, 105, 109, 210, 211. A grade of at least C (2.0) will be required in all lower division courses.

Upper Division Requirements:

27 semester hours in upper division courses in sociology which must include SOCL 301, 401, and 495. An average grade of C (2.0) must be obtained in courses included in the major.

SOCL 495 should be taken in the senior year. The remaining 18 semester hours are to be chosen from the six theme areas into which upper division sociology courses are grouped: I. Deviance and Control; II. Social Inequality; III. Urban, Population, and Demographic Processes; IV. Social Structure, Culture, and Process; V. Family and Life Cycle; and VI. Globalization. Students must take at least one course from four of the theme areas. The remaining courses may be taken from any of the upper division offerings.

At least two 300- or 400-level sociology courses must be taken in the senior year.

Minor Requirements

18 semester hours, including SOCL 100 or 105, 109, 301 or 401, and 9 semester hours in upper division courses. An average grade of C (2.0) must be obtained in courses included in the minor. At least one 300- or 400-level sociology course must be taken in the senior year.

Sociology Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
or	AMCS 100 Intro to American Cultures	3
	AMCS 161 Young America, 1607-1900	(3)
	ENGL 110 College Writing	3
	SOCL 100 Principles of Sociology	3
or	HIST ___ University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
	THST ___ University Core	(3)
	MATH ___ University Core	3
		15

<i>Spring Semester</i>		S.H.
	SOCL 105 Cultural Anthropology	3
or	HIST ___ University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
	THST ___ University Core	(3)
	___ ___ Critical/Creative Arts Core	3
	___ ___ Literature Core.....	3
	___ ___ Social Science Core.....	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
	SOCL 109 Social Research Methods	3
	SOCL 210 Elementary Social Statistics	3
or	HIST ___ University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
	THST ___ University Core	(3)
	___ ___ CMST/Crit Thinking Core.....	3
	___ ___ Social Science Core.....	3
		15

<i>Spring Semester</i>		S.H.
	SOCL 211 Advanced Social Research	3
or	HIST ___ University Core	3
or	PHIL 160 Phil. of Human Nature	(3)
	THST ___ University Core	(3)
	___ ___ Critical/Creative Arts Core	3
	___ ___ Science Core	3
	___ ___ Elective.....	3
		15

Junior Year

<i>Fall Semester</i>		S.H.
	SOCL 301 Dev. of Sociological Theory	3
or	PHIL ___ Upper Division PHIL.....	3
	THST ___ Upper Division THST.....	(3)
	SOCL ___ SOCL Upper Division (Area)	3
	SOCL ___ SOCL Upper Division (Area)	3
	___ ___ Elective.....	3
		15

<i>Spring Semester</i>		S.H.
	SOCL 401 Contemporary Theory.....	3
or	PHIL ___ Upper Division PHIL.....	3
	THST ___ Upper Division THST.....	(3)
	SOCL ___ SOCL Upper Division (Area)	3
	SOCL ___ SOCL Upper Division.....	3
	___ ___ Elective.....	3
		15

Senior Year

<i>Fall Semester</i>		S.H.
	SOCL ___ SOCL Upper Division (Area)	3
	SOCL ___ SOCL Upper Division.....	3
	___ ___ Upper Division Elective.....	3
	___ ___ Upper Division Elective.....	3
	___ ___ Elective.....	3
		15

<i>Spring Semester</i>	S.H.
SOCL 495 Sociology Seminar.....	3
___ ___ Upper Division Elective.....	3
___ ___ Upper Division Elective.....	3
___ ___ Elective.....	3
___ ___ Elective.....	3
	15

Students may take no more than **ten upper division** courses in any one department, except for Philosophy, in which the maximum is thirteen.

SOCL 100
Principles of Sociology
3 Semester Hours

Development of the perspectives, concepts, and methodologies needed for objective, analytical thinking about human interaction. Relationships explored in terms of the development of the self through interaction, basic types of social organization, collective behavior, types of institutions, and aspects of the total social system such as social change and population phenomena.

SOCL 105
Cultural Anthropology
3 Semester Hours

An introduction to the social organization and culture of preliterate and modern societies. Major emphasis is on cultural anthropology, a study of how humans have learned to cope with their world, and the varieties and similarities of this coping.

SOCL 109
Social Research Methods
3 Semester Hours

An introduction to scientific inquiry and research in the social sciences, with special emphasis on conceptualization and operationalization process, various data collection strategies, and the use of computers in data analysis.

SOCL 210
Elementary Social Statistics
3 Semester Hours

An introduction to basic inferential and descriptive statistics commonly used in the social sciences. Among the topics covered are: table construction; central tendency; variation; probability, sampling distributions, and the normal curve; hypothesis testing; and measures of association.

Recommended to be taken concurrently with SOCL 109.

SOCL 211
Advanced Social Research
3 Semester Hours

Emphasis is given to applied aspects of sociological research, utilizing a fieldwork project resulting in a report that embodies advanced research techniques.

Prerequisites: SOCL 109 and 210.

SOCL 301
Development of Sociological Theory
3 Semester Hours

An introduction to 19th century contributions to sociological thought: Comte, Tocqueville, Marx, Durkheim, Weber, and others are examined within their historical settings.

SOCL 401
Contemporary Theory
3 Semester Hours

A survey of the variety of 20th century sociological perspectives, including symbolic interactionism, ethno-methodology, functionalism, critical theory, and others.

SOCL 495
Sociology Seminar
3 Semester Hours

Designed as a senior seminar for sociology majors. Stress will be on organization and integration of sociology studies, bringing together in a meaningful way sociological facts, understandings, and knowledge. Students must have 90 units completed at time of registration.

Prerequisites: SOCL 211 and SOCL 301 or 401. Senior majors only.

I. Deviance and Social Control

SOCL 322
Deviant Behavior
3 Semester Hours

A social interactionist approach to the study of deviant behavior; an examination of the process whereby society defines and labels an act as deviant, trends in deviance theory, deviant careers, and the mechanisms involved in confronting the label.

SOCL 422**Criminal Justice***3 Semester Hours*

An introduction to the system of criminal justice in contemporary America with a focus on how criminal behavior is processed by the system's agencies: police, courts, and correctional institutions. Legal concerns such as the rights of the accused and due process will also be discussed in terms of their application in each of these areas.

SOCL 423**Criminal Law***3 Semester Hours*

This course examines the criminal law in the U.S. from a sociological perspective, as a set of "social control" processes by which norms are transmitted and enforced. Topics include how the law defines crime and particular forms of crime, drug abuse and alcohol-related crime, and various legal defenses available to the accused.

SOCL 424**Crime and Delinquency***3 Semester Hours*

An introduction to the nature and dynamics of criminal and delinquent behavior from a sociological viewpoint. Topics to be covered: the nature of crime and the criminal law, the measurement of crime, major theories—both historical and contemporary, and patterns of criminal and delinquent behavior.

II. Social Inequality**SOCL 332****Gender and Society***3 Semester Hours*

An examination of processes resulting in socio-cultural sex role differences and the cultural consequences relating to opportunity, power, and prestige in society. An attempt to understand the effects of social organization and change on the status of women and men.

SOCL 333**Men and Masculinities***3 Semester Hours*

An exploration of masculinity through critical examination of men, women, gender, politics, identity, and social change from a social scientific perspective. Topics include: gender socialization, the diversity of masculinities, race and ethnicity, class, age, sexuality, and men's social movements.

SOCL 334**Race and Ethnic Relations***3 Semester Hours*

An examination of the interaction between ethnic and racial minorities and the dominant group in the light of current sociological theories of social conflict and social change.

SOCL 335**Sociology of the Black Community***3 Semester Hours*

A survey of the effects of long-standing discrimination and deprivation upon family structure, occupational patterns, health and education conditions, motivation, and personal as well as group identity. An analysis of the black power concept and its influence upon the concept of Afrocentrism and the focus on community control.

SOCL 336**Social Stratification***3 Semester Hours*

An examination of the historical roots and contemporary patterns of social and economic inequality in the United States. Distribution of income and wealth, social mobility, life chances, education, and race and ethnicity will be discussed.

SOCL 338**Sociology of Racism***3 Semester Hours*

An exploration and examination of the interaction between the major ethnic and racial groups in the United States with emphasis on the current context, the social contact, intergroup conflicts, and social changes affecting the various groups.

III. Urban, Population, and Demographic Processes**SOCL 340****Urban Sociology***3 Semester Hours*

An examination of the basic historical processes which have shaped cities, including spatial differentiation. Topics may include the formation of community, metropolitan deconcentration, urban poverty, housing segregation, and third world urbanization.

SOCL 341**Community***3 Semester Hours*

This course examines a wide range of American community studies, ranging from the 1920s to the present. Primary attention is directed toward an understanding of the scope of change in community structure and process in industrial society.

SOCL 342**Demography and Population Analysis***3 Semester Hours*

An analysis of major international population trends, problems of overpopulation, and population control, with an introduction to the methods and techniques of demographic and ecological analysis.

SOCL 348**Urban Anthropology***3 Semester Hours*

A comparative analysis of urban social relationships. Emphasis is directed to the use of ethnographic methodologies in understanding contemporary American urbanism and to the problems associated with pluralistic urban society.

SOCL 349**Research in Urban Society***3 Semester Hours*

An examination of the methodologies and strategies employed by social scientists researching urban society. Case studies and research agendas are drawn from modern and postmodern cities, including metropolitan Los Angeles.

IV. Social Structure, Culture, and Process**SOCL 351****Sociology of Sport***3 Semester Hours*

An examination of the social nature of sport in society. Topics may include the interrelation of sport and culture, sport and the socialization process, deviance and violence in sport, sport and race, the status of women in sport, and the political and economic ramifications of sport.

SOCL 352**Political Sociology***3 Semester Hours*

An analysis of the relationship between forms of social organization and the exercise of power in society. Among the subjects considered are: types of political regimes, cross-cultural patterns of voting, voluntary associations, social classes, social movements, and revolution.

SOCL 354**Social Organization***3 Semester Hours*

The study of large-scale, highly structured groups, such as athletic teams, local school systems, colleges and universities, hospitals, businesses, and governmental agencies.

SOCL 355**Social Psychology***3 Semester Hours*

The interrelationships between individual behavior and the larger social order. Language and communication, the self, interaction and interactional strategy, aggression, perception and attribution theory, prejudice and discrimination, and collective behavior.

SOCL 356**Sociology of Law***3 Semester Hours*

A survey of the important theoretical and research traditions and recent empirical developments in sociology of law. A variety of law-related topics will be covered, including law and social structure, the economy and culture, law and inequality, law and social control, courts and alternative dispute resolution, and the legal profession.

SOCL 357**Media and Society***3 Semester Hours*

An examination of the social role of the media in our lives and our society. Topics include: culture, race, class, and gender, as well as alternative media and the political struggles over social change and the media system.

SOCL 358**Medical Sociology***3 Semester Hours*

Development of the field of medical sociology, with emphasis on changing patterns in the health care and delivery systems, doctor-patient relationships and health care.

SOCL 359**Sociology of Popular Culture***3 Semester Hours*

The study of the artifacts of everyday life—newspapers, films, sports, music, and such—as important sources of sociological knowledge.

SOCL 454**Religion, Culture, and Society***3 Semester Hours*

The study of religion as an expression of culture, its diverse subcultural characteristics as a social institution, and the interrelationships of religion and other social institutions.

V. Family and Life Cycle**SOCL 361****Sociology of Marriage and Families***3 Semester Hours*

A study of marriage and family as social institutions, including normative aspects, socialization activities, value orientations, family structures and behavior, and societal influences on families.

SOCL 362**Sociology of Children***3 Semester Hours*

A sociological study of the world of children, interactional events in children's activities, and examination of the cultures of children and of adults.

SOCL 363**Concepts and Issues in Aging***3 Semester Hours*

A general introduction to the study of physiological, psychological, and sociological aspects of aging. The focus is on the individual in society throughout the adult phase of the lifespan.

SOCL 367**Sociology of Adolescence***3 Semester Hours*

An examination of the adolescent society with particular focus on the high school. Topics to be discussed: peer socializations, cliques and crowd formations, lifestyles, fads and fashions, and changing patterns and relations resulting from globalization.

VI. Globalization**SOCL 370****Social Change***3 Semester Hours*

An examination of the social, economic, and political sources of social change.

SOCL 371**Social Ecology***3 Semester Hours*

An analysis of the interaction and interrelationship of population, natural resources, and environment as they affect social organization and place limits on life on the earth.

SOCL 372**Sociology of Work and Occupations***3 Semester Hours*

Explores the social dynamics of work and occupations in terms of culture, ideology, race, class, and gender. Topics will include the day-to-day experiences of the workplace, the politics of the economic system, and the social changes related to globalization and the international economy.

SOCL 378**International Tourism***3 Semester Hours*

A survey of the social, cultural, economic, and environmental elements of international tourism with special emphasis on the impacts of the expansion of tourism from the developed nation into the less developed realm. Modern trends in tourism, such as ecotourism, are analyzed for their potential costs-benefits and their implications for careers in the tourist industry.

SOCL 379**Sociology of Immigration***3 Semester Hours*

An investigation into current and historical immigration trends as they encompass the economy, education, language, identity, politics, and culture. There is a particular focus on globalization and Los Angeles as an immigration center.

VII. Special Areas**SOCL 398****Special Studies***1-3 Semester Hours***SOCL 399****Independent Studies***1-3 Semester Hours***SOCL 498****Special Studies***1-3 Semester Hours***SOCL 499****Independent Studies***1-3 Semester Hours*

Theological Studies

Faculty

Chairperson: Jeffrey S. Siker

Professors: Wilkie Au, Douglas Burton-Christie,

Christopher Key Chapple,

John A. Coleman, S.J. (Casassa Chair),

John R. Connolly, James L. Fredericks,

Michael P. Horan, Robert B. Lawton, S.J.,

Thomas P. Rausch, S.J. (Chilton Chair), Jeffrey S. Siker,

Daniel L. Smith-Christopher

Associate Professors: Amir Hussain, John R. Popiden

Assistant Professors: Anna Harrison, Kristin Heyer,

Michael Lee, S.J., Dorian Llywelyn, S.J.,

Charlotte C. Radler, David Sanchez,

Steven J. Sauer, S.J., Tracy Sayuki Tiemeier

Objectives

The Department of Theological Studies is committed to the encouragement of learning within the intellectual and cultural heritage of the Catholic tradition, valuing imagination and intellect, seeking an integration of knowledge and promoting ecumenical and inter-religious discourse. We seek to educate the whole person and to serve faith by an academic exploration of its possibilities, challenges, and ambiguities in dialogue with the contemporary world. We strive to promote justice by the structure of our curriculum and by encouraging students and faculty to engage their theological understanding in a broken world.

Theological Studies Student Learning Outcomes

By virtue of their Theological Studies courses, students should know:

- The nature of religion and religious experience
- The beliefs and practices of Christianity, with emphasis on the Catholic Tradition
- The central contours of the Bible, Church History, Systematic Theology, Theological Ethics, and Comparative Theology
- How culture, race, gender, class, and ethnicity impact theological reflection
- The social implications of religious beliefs and practices;

By virtue of their Theological Studies courses, students should be able to:

- Conduct critical research and write intelligently and persuasively on theological and religious issues
- Critically interpret theological or religious texts
- Articulate the significance of theological and religious values for church, society, and culture;

By virtue of their Theological Studies courses, students should value:

- The Catholic theological tradition
- The beliefs and practices of the religions of the world
- Ecumenical and interfaith dialogue and cooperation
- The development of a spiritual life
- Living responsibly within a culturally diverse world
- Action in the promotion of justice and service of faith.

Major Requirements

The undergraduate major consists of 36 semester hours total (12 courses).

Lower Division Requirements (15 semester hours):

THST 100: Introduction to the Old Testament (3 semester hours)

THST 110: Introduction to the New Testament (3 semester hours)

(Normally, THST 100 and 110 are taken at the beginning of the program of study.)

Upper Division Requirements (30 semester hours):

Required Upper Division Courses (9 semester hours)

THST 320: History of Christianity I (3 semester hours)

THST 321: History of Christianity II (3 semester hours)

(Students are encouraged to take this sequence in their Sophomore or Junior year.)

THST 496: Senior Integrating Seminar (3 semester hours) (for graduating seniors)

Distribution Requirements (18 semester hours, at least 12 of which must be 400-level)

Area A: Sacred Scriptures, Religious Sources, and Traditions—two courses (6 semester hours)

Area B: Theology, Ethics, and Spirituality—three courses (9 semester hours)

Area C: Faith, Culture, and Ministry—one course (3 semester hours)

One additional upper division THST course of the student's choice (3 semester hours)

An average grade of C (2.0) must be obtained in the courses included in the major.

We highly recommend that students wishing to pursue graduate study in Theology have a reading knowledge of two languages, either classical or modern.

We further recommend that additional philosophy courses be taken as early as possible. The specific courses are to be determined in conjunction with the student's Theological Studies advisor.

Theology Minor Requirements

18 semester hours with at least 12 semester hours from upper division courses, including six semester hours at the 400 level. The courses for the minor must be selected in conjunction with the Theological Studies advisor for minors.

Lay Ministry Minor Requirements

18 semester hours with at least 15 semester hours from upper division courses, including six semester hours at the 400 level. The courses for the minor must be selected under the direction of the faculty advisor for the Lay Ministry Minor. The student must select no more than two courses from each of areas A, B, and C (see above).

In addition, the student will be required to participate in 90 hours of active service in related fields of lay ministry. This will be under the direction of the faculty advisor and contracted through the Career Development office.

An average grade of C (2.0) must be obtained in the courses included in the minors.

Catholic Studies Minor

Students with particular interest in Catholic Studies are encouraged to consider the Catholic Studies Minor described in this Bulletin.

Theology Society

The Theology Society is a co-curricular student group open to all Theological Studies undergraduate majors and minors, as well as non-majors/minors who are interested in theological issues and topics. The group convenes monthly, typically sharing lunch and discussion, often with a guest speaker. The group also organizes various outings as opportunities for students to socialize with one another and with Theological Studies faculty. The Theology Society hosts annual visits from admissions representatives from graduate theological programs around the country for interested students. The Theology Society's members also

participate in an annual paper competition sponsored by the Department of Theological Studies, in which the winning paper is presented to faculty and students each Spring.

Core Curriculum in Theological Studies

One course from THST 100-199;

One course from THST 300-399 (Prerequisite: Junior standing).

Only courses in the 100 series and 300 series will fulfill the core curriculum requirements. All 400-level courses have a prerequisite of one 300-level course. The 400-level courses fulfill major or minor requirements. Except for those entering LMU as a transfer student, no student may take a 300-level course without successful prior completion of a 100-level course.

For students interested in the study of Catholicism in the core curriculum, the Theological Studies Department offers three courses, THST 120, 326, and 345, which are designed to study the Catholic tradition. For the non-majors who wish a core sequence in Catholic Theology, we recommend THST 120 and either 326 or 345.

Theological Studies Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
THST 100	Intro. to the Old Testament.....	3
AMCS 100	Intro to American Cultures	3
or		
AMCS 161	Young America, 1607-1900	(3)
ENGL 110	College Writing	3
or		
HIST ____	University Core	3
PHIL 160	Phil. of Human Nature	(3)
MATH ____	University Core	3
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<i>Spring Semester</i>	S.H.	<i>Spring Semester</i>	S.H.
THST 110	Intro. to the New Testament 3	THST ___	THST 400-level 3
or HIST ___	University Core 3	THST ___	THST 400-level 3
PHIL 160	Phil. of Human Nature (3)	THST ___	THST Upper Division..... 3
___ ___	Critical/Creative Arts Core 3	___ ___	Upper Division Elective..... 3
___ ___	Literature Core..... 3	___ ___	Elective..... 3
___ ___	Social Science Core..... 3		___
	15		15

Sophomore Year

<i>Fall Semester</i>	S.H.	<i>Fall Semester</i>	S.H.
THST 320	History of Christianity I 3	THST ___	THST 400-level 3
or HIST ___	University Core 3	THST ___	THST 400-level 3
PHIL 160	Phil. of Human Nature (3)	___ ___	Upper Division Elective..... 3
___ ___	Critical/Creative Arts Core 3	___ ___	Upper Division Elective..... 3
___ ___	Social Science Core..... 3	___ ___	Elective..... 3
___ ___	Elective..... 3		___
	15		15

<i>Spring Semester</i>	S.H.	<i>Spring Semester</i>	S.H.
THST 321	History of Christianity II 3	THST 496	Senior Integrating Seminar 3
___ ___	CMST/Crit Thinking Core..... 3	___ ___	Upper Division Elective..... 3
___ ___	Science Core 3	___ ___	Elective..... 3
___ ___	Elective..... 3	___ ___	Elective..... 3
___ ___	Elective..... 3		___
	15		15

Students may take no more than **ten upper division** courses in any one department, except for Philosophy, in which the maximum is thirteen.

Junior Year

<i>Fall Semester</i>	S.H.
PHIL ___	Upper Division PHIL..... 3
THST ___	THST 400-level 3
THST ___	THST Upper Division..... 3
___ ___	Upper Division Elective..... 3
___ ___	Elective..... 3
	15

Lower Division

THST 100
Introduction to the Old Testament
 3 Semester Hours

A general introduction to the literary, historical, and religious traditions of the Old Testament.

THST 109
Introduction to Scripture and Prayer
 3 Semester Hours

For Jesuit Novices only.

THST 110**Introduction to the New Testament***3 Semester Hours*

An introduction to the literary, historical, and theological dimensions of the New Testament.

THST 120**The Roots of Catholic Christianity***3 Semester Hours*

A study of the Biblical roots of Catholic Christianity based on a critical introduction to the New Testament.

THST 122**Theological Foundations of Catholicism***3 Semester Hours*

An introduction to the theological roots of the Roman Catholic Tradition, with attention to the historical and theological development of the Catholic tradition in its cultural contexts.

Required for the Catholic Studies Minor.

THST 125**Introduction to Global Christianity***3 Semester Hours*

An introduction to the history of Christianity as a global movement, incorporating historical, theological, and social issues in Christianity from both non-western and western perspectives.

THST 130**Exploring Christian Faith***3 Semester Hours*

A study of the ways in which Christians think about God, Christ, themselves, their scriptures, and religious experiences.

THST 149**Introduction to Christian Spirituality***3 Semester Hours*

For Jesuit Novices only.

THST 150**Belief and Unbelief***3 Semester Hours*

An examination of the various forms of unbelief, the meaning and significance of belief, and the relationship between belief and unbelief.

THST 160**Introduction to Christian Ethics***3 Semester Hours*

An examination of ethical issues in light of Christian scriptures, traditions, and experiences.

THST 170**Christian Faith and American Cultures***3 Semester Hours*

This course explores Christian faith in the diverse cultural context of the contemporary United States.

THST 175**Narratives of Christian Faith***3 Semester Hours*

A study of Christian faith as explored through narratives: a gospel, some saints' lives, and the work of contemporary storytellers.

THST 180**Religions of the World***3 Semester Hours*

An introduction to the history, literature, and thought patterns of the major religions of the world.

THST 198**Special Studies***1-3 Semester Hours*

THST 199**Independent Studies***1-3 Semester Hours*

THST 241**Liturgy Practicum***1 Semester Hour*

Course objectives are to understand the dynamics of worship and to engage in critical reflection on the experience of liturgical leadership. Students serve in a variety of worship settings. Permission of instructor is required. Recommended co-requisite THST 341—Liturgy and Culture.

This service learning course may be repeated for credit.

THST 298**Special Studies***1-3 Semester Hours*

THST 299**Independent Studies***1-3 Semester Hours*

Area A: Sacred Scriptures, Religious Sources, and Traditions

THST 301

Ancient Futures

3 Semester Hours

This course explores the corpus of Wisdom and Apocalyptic literatures in the Bible and samples of other extant Wisdom and Apocalyptic writings, both ancient and modern.

THST 302

Prophecy and Social Justice

3 Semester Hours

An examination of the Hebrew prophets in the socioeconomic and historical context, with particular emphasis on issues of justice. Some considerations of more recent "prophet" figures are included for comparison.

THST 304

War and Peace in the Bible

3 Semester Hours

This course considers the development of Biblical and religious reflection on the issues of the Church, war, peace, and Christian nonviolence up to the present.

THST 305

The Four Gospels

3 Semester Hours

A social-historical, literary, and theological examination of the Gospels and early Christian and modern interpretations of Jesus.

THST 310

The Gospel of John

3 Semester Hours

An analysis of the interplay among the historical setting, literary development, and theological motifs of the Fourth Gospel.

THST 311

Pauline Epistles

3 Semester Hours

A study of the ministry and message of Paul presented in his letters, accounts in Acts, and deuterio-Pauline epistles.

THST 314

Jesus in Gospel and Film

3 Semester Hours

An exploration of various portraits of Jesus in the Gospels, the identity of the historical Jesus, and contemporary interpretations of Jesus in various films.

THST 320

History of Christianity I

3 Semester Hours

Selected themes treating major problem areas in the history of Christian life and thought from its origins to the end of the high Middle Ages.

THST 321

History of Christianity II

3 Semester Hours

Selected themes treating major problem areas in the history of Christian life and thought from the end of the high Middle Ages to the present.

THST 322

Greek Orthodox Tradition

3 Semester Hours

A review of the unbroken dogmatic tradition of the Greek Orthodox Church, her liturgy, and her place in the religious life of the United States.

Sponsored by the Basil P. Caloyeras Center for Modern Greek Studies.

THST 323

Celtic Christianity

3 Semester Hours

An examination of the inculturation of Christianity into the Celtic worldview from the fifth to eleventh centuries, including Celtic monasticism, liturgy, literature, art, and spirituality.

THST 324

Women in Christian History

3 Semester Hours

An historical investigation of Christian theology of women: what theologians said about women, what women said about themselves, and what they accomplished.

THST 326

Catholicism: The American Experience

3 Semester Hours

A study of the diverse experiences in U.S. Catholicism, with emphasis on the theological implications of American Catholic responses to a pluralistic society.

THST 328

Age of Reformation

3 Semester Hours

The religious, political, and cultural upheaval of the protestant challenge to medieval Christendom and Catholic response.

Usually taught in Bonn, Germany.

THST 415**New Testament Theology***3 Semester Hours*

An examination of various historical, literary, theological, and ethical issues in the interpretation of the New Testament, especially the Gospels and the Pauline epistles.

THST 420**Early Christianity***3 Semester Hours*

A study of the development of Christian theology from the Apostolic Fathers through the period of the Cappadocians to the era of Jerome and Augustine.

THST 425**Medieval Theology***3 Semester Hours*

Selected topics on medieval theology, such as the development of a specifically Christian culture, the tensions between religion and empire and between popular and institutional forms of religious expression, and monastic and scholastic theological methods.

THST 427**Theology and History of Vatican II***3 Semester Hours*

This course explores Roman Catholic theology by reading the major Conciliar documents and analyzing the social and historical context, with emphasis on ecumenism, historical understanding, and the recovery of the biblical tradition.

Area B: Theology, Ethics, and Spirituality**THST 330****What Is Faith in Jesus Christ***3 Semester Hours*

An analysis of past and present meanings of Christian faith in its relation to the person of Jesus Christ, the Church, doctrine, and Christian life.

THST 345**The Catholic Church of Today and Tomorrow***3 Semester Hours*

An examination of the post-Vatican II Catholic Church. How has the Church's self-understanding changed in recent years, and what projections can be made for the future?

THST 350**Foundations of Christian Spirituality***3 Semester Hours*

An analysis of themes central to Christian spirituality including prayer, the nature of religious experience, asceticism, and the schools of spirituality. Essential to the analysis is an articulation of key doctrinal themes.

THST 352**Orthodox Christian Spirituality***3 Semester Hours*

The history of the monastic life of the desert fathers and the spiritual tradition of Eastern Christianity will be examined and made relevant to the present-day world.

THST 355**After Eden***3 Semester Hours*

An exploration of the human person in relation to God.

THST 359**Theology of Religious Life***3 Semester Hours*

For Jesuit Novices only.

THST 360**Moral Issues and Christian Responses***3 Semester Hours*

An exploration of the issues involved in a variety of moral problems and a survey of present and past Christian responses to them.

THST 361**Christian Ethics in the Marketplace***3 Semester Hours*

An analysis and discussion of business ethics case studies in the light of Christian economic teachings.

THST 363**Christian Marriage and Sexuality***3 Semester Hours*

An examination of the varieties of Christian views of marriage and the full range of moral issues concerning human sexuality today.

THST 367**Christian Voices on War and Peace***3 Semester Hours*

An examination of Christian attitudes toward war and peace that address U.S. policies during the twentieth century and beyond.

THST 368**Bioethics and Christian Morality***3 Semester Hours*

A theological and ethical study of bioethical topics, e.g., euthanasia, assisted reproductive technologies, and human cloning, that confront contemporary society.

THST 381**Contemporary Judaism and Its Historical Background***3 Semester Hours*

An understanding of Jewish beliefs and practices, their Biblical and historical roots, their theological and cultural motivations.

Sponsored by the Jewish Chautauqua Society.

THST 382**Religions of India***3 Semester Hours*

An exploration of the cultural/historical background and theological insight of Hinduism and Jainism. Sikhism, Christianity, and Islam in India are also discussed.

THST 383**Religions of the Near East***3 Semester Hours*

An overview of the history, theology, and interactions of Judaism, Christianity, and Islam, both in their Middle Eastern and global contexts.

THST 384**Religions of East Asia***3 Semester Hours*

The history and development of Confucianism, Taoism, Tibetan and Zen Buddhism, and Shinto, emphasizing primary textual sources. Islam and Christianity in East Asia will also be discussed.

THST 385**Buddhism***3 Semester Hours*

A survey of the history of Buddhism in India and Southeast Asia, China, Japan, Tibet, and North America. Discussion of Buddhism's contributions to social ethics, ecological concern, and dialogue with Christianity.

THST 386**Islam***3 Semester Hours*

This course will introduce students to the religion of Islam. Key topics will be Muhammad and the Qur'an, Islamic religious practices, the Sunni-Shi'i split, Sufism, Islam in North America, and Christian-Muslim dialogue.

THST 430**Christology***3 Semester Hours*

An investigation of the Christology of the New Testament, the early councils, and contemporary issues in

Christology.

THST 431**Rahner***3 Semester Hours*

A study of the life, context, and theology of Karl Rahner.

THST 450**Topics in Christian Spirituality***3 Semester Hours*

A survey of key persons and movements in the history of Western Christian spirituality.

THST 455**Theology of Liberation***3 Semester Hours*

A study of recent Latin American theology as a Christian response to current political, social, and economic injustice in Latin American countries.

THST 465**Moral Theology Today***3 Semester Hours*

A study of the developments and critical issues within Roman Catholic moral theology since 1940.

THST 470**Topics in Theological Ethics***3 Semester Hours*

An exploration of the history and methods of theological ethics with analysis of contemporary moral issues.

THST 480**Topics in Comparative Theology***3 Semester Hours*

Multiple religious perspectives will be utilized in this course to explore one or more topics of theological concern, such as violence and nonviolence, myth and symbol, modes of spirituality, images of God, and/or multicultural religious presence in Los Angeles.

THST 495

Seminar: Major Christian Thinker

3 Semester Hours

An examination of the theological work of one major thinker, studying the work both as an integrated theological statement and as a part of continuing theological dialogue.

Area C: Faith, Culture, and Ministry

THST 307

Interpreting Jesus

3 Semester Hours

This course takes a close look at the conversation between the Jesus of the Gospels and contemporary embodiments of his Ministry. Community-based learning component required.

THST 331

Salvation and Liberation

3 Semester Hours

An examination of the theme of liberation in Scripture, church history, and the recent theologies, as well as its impact on our own lives.

THST 341

Liturgy and Culture

3 Semester Hours

A study of Christian worship examining the historical development of worship in its interaction with various cultures from ancient to modern.

THST 346

The Latino Experience in the U.S. Church

3 Semester Hours

A review of the Latino presence in the Catholic Church with emphasis on the historical experience, Latino popular religion, and current trends and issues in Hispanic ministry and theology.

THST 348

African American Religious Experience

3 Semester Hours

A survey of African American religious experience from the time of slavery to the present, emphasizing the role of faith in African American society and the role of the church in the struggle for equality.

THST 373

Catholic Social Teaching and Action

3 Semester Hours

This course examines Catholic social teaching thematically, focusing on such principles as human dignity, solidarity, the common good, and the option for the poor; contemporary activist groups are also studied as part of the living tradition of Catholic social teaching.

This course requires a weekly community service placement where the student will perform at least 20 hours of service during the semester.

THST 375

Service, Justice, and Ministry

3 Semester Hours

This course engages students in active reflection on Christian theology and practice. The course analyzes selected sources from the Christian theological tradition concerning the relationship among three phenomena: service, justice, and ministry. Weekly field placement in off-campus service activity is required for this course.

THST 435

Eucharistic Theology

3 Semester Hours

An in-depth study of the theology of the Eucharist from an ecumenical perspective, highlighting the teaching of the Roman Catholic Church.

THST 451

Ignatian Spirituality

3 Semester Hours

A study of the spirituality of Ignatius of Loyola based on a close reading of his Spiritual Exercises and contemporary writings on Ignatian themes.

THST 497

Youth and Young Adult Ministry

3 Semester Hours

The course examines the theory and practice of ministry to youth and young adults, emphasizing faith development, community building, justice and service education, advocacy, and guidance of youth and young adults.

Special Courses

THST 398

Special Studies

1-3 Semester Hours

THST 399

Independent Studies

1-3 Semester Hours

THST 496

Senior Integration Seminar

3 Semester Hours

The course stresses the integration of the various dimensions and methods of Theological Studies.

Prerequisites: Senior standing and Theological Studies majors and minors only.

THST 498

Special Studies

1-3 Semester Hours

THST 499

Independent Studies

1-3 Semester Hours

Urban Studies

Director

Peter R. Hoffman

Faculty

Associate Professor: Peter R. Hoffman

Assistant Professor: Mara Marks

Objectives

As an interdisciplinary program, Urban Studies encourages students to examine urbanization and the multitude of issues inherent in urban life from the perspectives of a wide range of disciplines and methodological traditions. The critical analysis of urban issues helps students evaluate the various political, sociocultural, and economic strategies available to urban planners, local governments, law enforcement agencies, and others seeking to remedy the problems of contemporary cities.

The curriculum of the Urban Studies program, including its internship program, allows students to take advantage of one of LMU's greatest assets: the many linkages that connect LMU to the extraordinarily dynamic, multicultural metropolitan area surrounding the University. Los Angeles is both an educational resource and a laboratory for Urban Studies students.

Career options for Urban Studies majors may be found in local government, law enforcement, real estate development, and urban social services. The major is also appropriate preparation for students seeking careers or graduate education in urban planning, public administration, social welfare, policy analysis, or the law.

Urban Studies Student Learning Outcomes

By virtue of their Urban Studies Program courses, students should know:

- The general history of urbanization and its associated economic and demographic processes
- The structures and expressions of urbanization and urban life associated with modern and postmodern cities
- The structures and expressions of urbanization and urban life associated with cities of the developed realms/core and those associated with cities of the less developed realm/periphery
- The basic research questions and agendas associated with the various disciplines contributing to our understanding of urban issues

- The general expressions of urbanization and urban life associated with contemporary Los Angeles
- The common theories, practices, and methodologies employed in contemporary urban planning and policy analysis;

By virtue of their Urban Studies Program courses, students should be able to:

- Effectively employ contemporary social science methodology in the analysis of urban issues
- Demonstrate written and oral competencies in the analysis of urban issues and policy
- Identify and utilize appropriate primary data, including census materials, for the analysis of urban issues
- Apply their understanding of urban issues to the development and critical analysis of programs and policies appropriate to addressing contemporary social and economic problems
- Successfully pursue graduate education in such areas as urban planning, public administration, policy analysis, social welfare, and the law upon completion of their major;

By virtue of their Urban Studies Program courses, students should value:

- Diverse perspectives in the analysis and assessment of urban issues and policies
- Thoughtful analysis of the implications of urbanization and urban policy in the context of social justice and sound environmental practices
- Rigorous, scientific research that enlightens the experience of urban populations and contributes to the resolution of the social and environmental problems associated with urbanization
- Community-based participation in the development of programs and policies that contribute to the social, economic, political, and environmental improvement of their communities and cities.

Major Requirements

Lower Division Requirements:

15 semester hours:

URBN 125 and 135;

AFAM 115 or APAM 117 or CHST 116;

SOCL 109 and 210.

A grade of C (2.0) will be required in all lower division major courses. It is recommended that students majoring in Urban Studies complete ECON 100, 110, or 120 in partial fulfillment of the University Core Curriculum requirement in social science.

Upper Division Requirements:

24 semester hours in upper division courses, including:

URBN 345, 455, and 456;

and 15 semester hours in one or more of the following areas:

1. Law and Justice:

- POLS 336 The Judiciary
- POLS 471 U.S. Constitutional Law: Case Method I
- POLS 472 U.S. Constitutional Law: Case Method II
- SOCL 322 Deviant Behavior
- SOCL 356 Sociology of Law
- SOCL 422 Criminal Justice
- SOCL 423 Criminal Law
- SOCL 424 Crime and Delinquency

2. Urban Politics, Public Administration, and Policy Analysis:

- CHST 337 Racial and Ethnic Politics
- CHST 437 Chicano Politics
- ECON 356 Urban Economics
- POLS 340 Public Administration
- POLS 341 Race, Class, Culture, and Public Policy
- POLS 345 Urban Politics
- POLS 436 Politics of Los Angeles
- POLS 440 Public Policy Analysis
- SOCL 354 Social Organization

3. Urban Culture:

- HIST 367 History of Los Angeles
- SOCL 340 Urban Sociology
- SOCL 341 Community
- SOCL 348 Urban Anthropology
- SOCL 349 Research in Urban Society
- URBN 365 Metropolitan Los Angeles

4. Urban-Ethnic Communities:

- APAM 427 Asian American Psychology
- CHST 308 Contemporary Urban Chicana/o and Other Latina/o Issues
- CHST 485 Community Research & Internship
- ECON 371 Economic Development of Minority Communities
- SOCL 334 Race and Ethnic Relations
- SOCL 335 Sociology of the Black Community

5. Urban Planning:

- ECON 330 Regression Analysis
- ECON 334 Business Forecasting
- ECON 532 Econometrics
- SOCL 342 Demography and Population Analysis
- SOCL 371 Social Ecology

An average grade of C (2.0) must be obtained in the upper division courses included in the major.

Minor Requirements

18 semester hours, including URBN 125, 135, 345, 455, and 6 semester hours in upper division courses selected from one or more of the areas of specialization.

An average grade of C (2.0) must be obtained in the courses included in the minor.

Urban Studies Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
URBN 125	Urban Physical Environment	3
or	AMCS 100	Intro to American Cultures
AMCS 161	Young America, 1607-1900	(3)
ENGL 110	College Writing	3
or	HIST ___	University Core
PHIL 160	Phil. of Human Nature	(3)
or	THST ___	University Core
MATH ___	University Core	3
		15

<i>Spring Semester</i>		S.H.
URBN 135	Urban Social Environment.....	3
or	HIST ___	University Core
PHIL 160	Phil. of Human Nature	(3)
or	THST ___	University Core
___	Critical/Creative Arts Core	3
___	Literature Core.....	3
___	Social Science Core.....	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
SOCL 109	Social Research Methods	3
or	AFAM 115	Intro African Amer Studies
APAM 117	Intro Asian Pac Am Studies	(3)
or	CHST 116	Intro to Chicana/o Studies
HIST ___	University Core	3
or	PHIL 160	Phil. of Human Nature
THST ___	University Core	(3)
___	CMST/Crit Thinking Core.....	3
___	Social Science Core.....	3
		15

Spring Semester

SOCL 210	Elementary Social Statistics	3	S.H.
or	HIST ___	University Core	3
or	PHIL 160	Phil. of Human Nature	(3)
THST ___	University Core	(3)	
___	Critical/Creative Arts Core	3	
___	Science Core	3	
___	Elective.....	3	
			15

Junior Year

<i>Fall Semester</i>		S.H.
URBN ___	URBN Upper Division.....	3
URBN ___	URBN Upper Division.....	3
or	PHIL ___	Upper Division PHIL.....
THST ___	Upper Division THST.....	(3)
___	Upper Division Elective.....	3
___	Elective.....	3
		15

Spring Semester

URBN ___	URBN Upper Division.....	3	S.H.
URBN ___	URBN Upper Division.....	3	
or	PHIL ___	Upper Division PHIL.....	3
THST ___	Upper Division THST.....	(3)	
___	Upper Division Elective.....	3	
___	Elective.....	3	
			15

Senior Year

<i>Fall Semester</i>		S.H.
URBN 455	Urban Internship.....	3
URBN ___	URBN Upper Division.....	3
___	Upper Division Elective.....	3
___	Upper Division Elective.....	3
___	Elective.....	3
		15

<i>Spring Semester</i>		S.H.
URBN 456	Senior Project.....	3
URBN ___	URBN Upper Division.....	3
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		15

Students may take no more than **ten upper division** courses in any one department, except for Philosophy, in which the maximum is thirteen.

URBN 125
Urban Physical Environment
3 Semester Hours

An introduction to the physical-biotic and structural consequences of urbanization. The internal structure of contemporary American cities is emphasized.

URBN 135
Urban Social Environment
3 Semester Hours

An introduction to the social, psychological, and ethnic developments associated with urbanization and a pluralistic society. The nature of contemporary American urbanism is emphasized.

URBN 198
Special Studies
1-3 Semester Hours

URBN 199
Independent Studies
1-3 Semester Hours

URBN 298
Special Studies
1-3 Semester Hours

URBN 299
Independent Studies
1-3 Semester Hours

URBN 345
Urban Planning
3 Semester Hours

An introduction to the problems, principles, and practices of modern urban planning.

URBN 347
Community Development
3 Semester Hours

An exploration of the meanings and methodologies of community development, especially in contemporary urban America. Topics include: the history of community development; the intersection of race, class, and gender with community development; community-based organizations; and community development corporations.

URBN 349
Research in Urban Society
(See SOCL 349)

URBN 365
Metropolitan Los Angeles
3 Semester Hours

An introduction to the nature of contemporary urbanization as expressed in metropolitan Los Angeles. Physical and social geography of the urban region.

URBN 398
Special Studies
1-3 Semester Hours

URBN 399
Independent Studies
1-3 Semester Hours

URBN 455
Urban Internship
3 Semester Hours

A supervised internship in public administration, social service, urban planning, or law enforcement. Individual assignments are made on the basis of the intern's academic preparation and career aspirations.

Prerequisite: Approval of the Program Director.

URBN 456
Senior Project
3 Semester Hours

Directed research and/or advanced internship work on a specific urban topic.

Prerequisites: URBN 455 and senior standing.

URBN 498
Special Studies
1-3 Semester Hours

URBN 499
Independent Studies
1-3 Semester Hours

Women's Studies

Faculty

Chairperson: Nancy W. Jabbra

Professor: Nancy W. Jabbra

Assistant Professor: Stella Oh

Objectives

The mission of Women's Studies at Loyola Marymount University is to engage students in a critical understanding of the complex ways gender shapes the world around them, particularly in relation to race, sexuality, class, and other social factors. Women's Studies invites all students to participate in a vibrant interdisciplinary program of study that places women at the center of traditional disciplines in which they have been historically marginalized. It encourages the critical examination of academic fields such as the humanities, social sciences, natural sciences, and the arts, together with the gendered assumptions that underwrite them. Further, Women's Studies proposes not only that we ask different questions of academic disciplines from the perspective of women, but also that we transform those fields and ways of knowing through the innovative theoretical tools and new methodologies that have been developed by feminist scholars and activists over the past thirty years. As a department committed to transformation through education, the mission of Women's Studies is to call attention to the androcentric nature of society, propose alternatives and strategies that honor women's human rights, and promote a vision of society where gender hierarchy, as well as other forms of social injustice, are eliminated. Grounded in feminist pedagogy, Women's Studies courses provide students with a broad understanding of the asymmetry of gender relations within diverse historical and cultural contexts. Our mission is to foster a vigorous intellectual environment where students can develop their analytical thinking skills and conceptual tools for social change.

Women's Studies Student Learning Outcomes

After completing their program in Women's Studies, students will have:

- Acquired a critical understanding of the complex ways gender shapes the world, particularly in relation to race, sexuality, class, and other social factors
- Acquired a strong commitment to social justice for women of all ethnicities
- Learned new methodologies and theoretical tools
- Learned to express themselves well both orally and in writing.

Major Requirements

Lower Division Requirements: 12 semester hours

WNST 100, 101, and 200, plus one of the following for the Lower Division Health and Sexualities Requirement: WNST 220, 221, or 222.

Upper Division Requirements: 24 semester hours

WNST 301, 302, 351, and 497.

Upper Division Options: 12 semester hours

Choose 9 semester hours (3 classes) from one of the following cluster, plus 3 semester hours (1 class) from one of the others. Please note that some classes are listed in more than one cluster. Students may take such classes for credit in only one cluster. At times a special studies class may be taken in lieu of one of the electives listed below. Please consult the Department for advice.

Note: One of the upper division electives must include WNST 303 or another History of Women class.

History of Women: WNST 303, 361, 362, 364, 365, 366, 461, or 462.

Transnationalism and Women in the Third World: WNST 346, 347, 431, 434, 435, 452, 454, or 462.

Gender at the Intersection of Race, Ethnicity, Class, and Sexuality: WNST 341, 342, 344, 345, 348, 349, 440, 453, 461, or 462.

Feminist Aesthetics, Literature, and Cultural Studies: WNST 311, 331, 332, 334, 411, 430, 431, 434, or 435.

Social Movements, Social Justice, and Public Policy: WNST 347, 451, 454, or 490.

Feminist Theology and Philosophy: WNST 361, 370, or 371.

Total: 36 semester hours. Women's Studies majors should have a minimum of a C (2.0) in all Women's Studies classes.

Please note that cross-listed courses may have departmental prerequisites; consult departments for details.

Minor Requirements

18 semester hours, including WNST 100 or 101, 301, and 497. At least 12 semester hours must be in upper division courses. A minimum grade of C (2.0) must be earned in both WNST 100 and 497. An average grade of C (2.0) must be earned in the Women's Studies minor courses.

Please note that cross-listed courses may have departmental prerequisites; consult departments for details.

Women's Studies Model Four-Year Plan

The normal course load is 15 units per semester (5 classes). By following the model below, a student will complete all lower division core requirements by the end of the sophomore year as well as most major prerequisites. Note that core areas are suggested to provide a distribution of various disciplines every semester. Please be flexible implementing these suggestions, given your own interests and course availability. In four years, this plan meets all common graduation requirements.

Freshman Year

<i>Fall Semester</i>		S.H.
WNST 100	Intro to Women's Studies	3
or	AMCS 100	Intro to American Cultures
	AMCS 161	Young America, 1607-1900
		(3)
	ENGL 110	College Writing
		3
or	HIST ___	University Core
		3
or	PHIL 160	Phil. of Human Nature
		(3)
or	THST ___	University Core
		(3)
	MATH ___	University Core
		3

		15

<i>Spring Semester</i>		S.H.
WNST 101	Women of Color in the U.S.....	3
or	HIST ___	University Core
		3
or	PHIL 160	Phil. of Human Nature
		(3)
or	THST ___	University Core
		(3)
	___ ___	Critical/Creative Arts Core
		3
	___ ___	Literature Core.....
		3
	___ ___	Social Science Core.....
		3

		15

Sophomore Year

<i>Fall Semester</i>		S.H.
WNST 200	Women in Global Communities.....	3
or	HIST ___	University Core
		3
or	PHIL 160	Phil. of Human Nature
		(3)
	THST ___	University Core
		(3)
	___ ___	CMST/Crit Thinking Core.....
		3
	___ ___	Social Science Core.....
		3
	___ ___	Elective.....
		3

		15

<i>Spring Semester</i>		S.H.
WNST 220	Women's Health & Sexuality.....	3
or	WNST 221	Women in Science & Math.....
		(3)
or	WNST 222	Human Reprod. & Dev.
		(3)
	HIST ___	University Core
		3
or	PHIL 160	Phil. of Human Nature
		(3)
or	THST ___	University Core
		(3)
	___ ___	Critical/Creative Arts Core
		3
	___ ___	Science Core
		3
	___ ___	Elective.....
		3

		15

Junior Year

<i>Fall Semester</i>		S.H.
WNST 302	Investigating Women	3
WNST ___	WNST Upper Div. Cluster.....	3
or	PHIL ___	Upper Division PHIL.....
		3
or	THST ___	Upper Division THST.....
		(3)
	___ ___	Upper Division Elective.....
		3
	___ ___	Elective.....
		3

		15

<i>Spring Semester</i>		S.H.
WNST 301	Feminist Theories.....	3
WNST ___	WNST Upper Div. Cluster.....	3
or	PHIL ___	Upper Division PHIL.....
		3
or	THST ___	Upper Division THST.....
		(3)
	___ ___	Upper Division Elective.....
		3
	___ ___	Elective.....
		3

		15

Senior Year

<i>Fall Semester</i>	S.H.	
WNST ___	WNST Upper Division	3
WNST ___	WNST Upper Div. Cluster.....	3
___ ___	Upper Division Elective.....	3
___ ___	Upper Division Elective.....	3
___ ___	Elective.....	3
		15

<i>Spring Semester</i>	S.H.	
WNST 351	Genders and Sexualities.....	3
WNST 497	Senior Seminar	3
WNST ___	WNST Upper Division Cluster.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		15

Students may take no more than **ten upper division** courses in any one department, except for Philosophy, for which the maximum is thirteen.

WNST 100

Introduction to Women's Studies

3 Semester Hours

An interdisciplinary study of women in society oriented toward exploring women's experiences in a variety of contexts. Topics covered include biology, sociology, psychology, politics, economics, religion, philosophy, history, literature and language, law, and culture. Course content is focused on North America and is multicultural.

Satisfies social science core requirement.

WNST 101

Women of Color in the U.S.

3 Semester Hours

An introduction to critical thinking skills about concepts such as gender, race, class, and sexuality, how these intersect in lives of women of color together with women's strategies of surviving, resisting, and overcoming barriers.

Satisfies American Cultures core requirement.

WNST 198

Special Studies

1-3 Semester Hours

WNST 199

Independent Studies

1-3 Semester Hours

WNST 200

Women in Global Communities

3 Semester Hours

This course introduces students to the cultural, social, political, and economic contexts in which non-Western women live. It addresses the impact of globalization, colonialization, and post-coloniality, and women's responses to these processes.

WNST 220

Women's Bodies, Health, and Sexuality

3 Semester Hours

This course addresses women's health and sexuality from a feminist perspective. It also deals with body images not only from the perspective of health but also in terms of their relationship to structures of power.

WNST 221

Women in Science and Mathematics: Breaking the Stereotype

(See NTLS 265)

WNST 222

Human Reproduction and Development

(See BIOL 271)

WNST 298

Special Studies

1-3 Semester Hours

WNST 299

Independent Studies

1-3 Semester Hours

WNST 301

Feminist Theories

3 Semester Hours

Focuses on the historical roots of feminist political thought in relation to other social movements. Examines the intellectual traditions within feminist theory today such as postmodernism, psychoanalysis, postcolonial theory, queer theory, and the intersectional analyses produced by women of color.

WNST 302

Investigating Women: Feminist Research Methods

3 Semester Hours

Examines feminist methodologies through hands-on research and considers the complex relationships between researchers and their subjects, the impact of social location on our field of vision, ethical issues in the research process, as well as research that facilitates social and gender justice.

WNST 303**History of Feminisms***3 Semester Hours*

This course traces the development of feminist theories as structures of ideas and relates them to the historical contexts and feminist movements in which they developed.

WNST 311**Gender Communication***(See CMST 335)***WNST 315****Psychology of Women***(See PSYC 315)***WNST 331****The Image of Woman in Nineteenth-Century England***(See ENGL 342)***WNST 332****Twentieth-Century Women's Writing***(See ENGL 343)***WNST 334****Italian Women Writers***(See ITAL 380)***WNST 341****Black Family Life***(See AFAM 301)***WNST 342****Chicanas and Other Latinas in the U.S.***(See CHST 302)***WNST 344****Gender and Society***(See SOCL 332)***WNST 345****Sociology of Marriage and Families***(See SOCL 361)***WNST 346****Women in the Middle East***3 Semester Hours*

This course explores the themes and variations in women's lives in the Middle East. Particular attention will be paid to family structures, rural-urban, social class and ethnic differences, social and political movements, religion, work, and education.

WNST 347**Women's Movements in Latin America and the Caribbean***3 Semester Hours*

Examines feminisms and women's participation in indigenous, environmental, and labor movements, Christian-based communities, peasant struggles, and new social movements concerned with race, sexuality, feminism, and human rights.

WNST 348**Men and Masculinities***(See SOCL 333)***WNST 349****Ethnicity, Race, and Gender***3 Semester Hours*

This course is an exploration of the ways in which gender, race, ethnicity, and class intersect to shape individuals' life chances and experiences in the contemporary United States. The following areas will be emphasized: income and occupation, the justice system, social reputation and credibility, religion, education, and health. Treatment of these topics will be analytical and comparative, focusing on the experiences of African Americans, Latinas/os, and European-Americans.

Satisfies American Cultures core requirement.

Prerequisites: SOCL 100, 105; WNST 100 or 101.

WNST 351**Genders and Sexualities***3 Semester Hours*

This course explores the relationship between sexuality and gender as well as a diversity of sexual identities. It focuses on issues of the body, sex, nature, and power within the context of history, culture, and public policy.

WNST 361**Women in Christian History***(See THST 324)***WNST 362****Women in European History***(See HIST 335)***WNST 364****Women in Early American History***(See HIST 354)***WNST 365****Women in Modern American History***(See HIST 355)*

WNST 366**The American Family***(See HIST 356)***WNST 370****Feminist Theory***(See PHIL 333)***WNST 371****Images of Women in Philosophy***(See PHIL 334)***WNST 398****Special Studies***1-3 Semester Hours***WNST 399****Independent Studies***1-3 Semester Hours***WNST 411****Women in Film***(See FTVS 473)***WNST 430****French/Francophone Women Writers***(See FREN 432)***WNST 431****Latin American Women Writers***(See SPAN 443)***WNST 434****Women in Asian Literature***(See ASPA 489)***WNST 435****Asian Women Writers***(See ASPA 490)***WNST 440****Asian Pacific American Women's Experience***(See APAM 435)***WNST 451****Women and Politics***(See POLS 438)***WNST 452****Gender in Comparative Perspective***3 Semester Hours*

Within a cross-cultural and cross-societal framework, gender roles are examined in relation to a central question: Why does patriarchy exist? Case studies from the Americas, Europe, Africa, Asia, and Oceania are examined in light of theories addressing the course's central question. Work, kinship, values, religion, and politics are among the topics examined.

WNST 453**Chicana and Third World Feminisms***(See CHST 404)***WNST 454****Gender and Globalization***3 Semester Hours*

Examines how gender is shaped by globalization through the feminization of labor and migration, environmental degradation, diaspora, sexuality, cultural displacement, and militarization. Explores the ways women have confronted these conditions as well as the possibilities and challenges of cross-border feminist coalitions.

WNST 461**Women and Sexuality in Classical Antiquity***(See CLCV 452)***WNST 462****Bodies and Genders in Japanese History***(See HIST 494)***WNST 490****Service Learning in Women's Studies***3 Semester Hours*

Service learning in Women's Studies combines practical experience and feminist theory through the theme of women's empowerment. Students work in selected placements while reading through a sequenced bibliography. They discuss their experiences and readings in seminars and papers.

WNST 497**Senior Seminar in Women's Studies***3 Semester Hours*

Designed as a last course for students obtaining the Women's Studies major or minor. Stress is on the organization and integration of knowledge gained regarding women in society. Offered only during the Spring semester.

WNST 498**Special Studies***1-3 Semester Hours***WNST 499****Independent Studies***1-3 Semester Hours*

College of Business Administration



College of Business Administration

Administration

Dean: John T. Wholihan
Associate Dean: George L. Hess (Undergraduate)
Associate Dean: Rachelle Katz (Graduate)
Assistant Dean: William Lindsey (Center for Executive Learning)
Directors: John Daly, S.J. (Center for Asian Business);
Alan K. Hogenauer (Center for Travel and Tourism);
Thomas White (Center for Ethics and Business)

Organization

The College has four Departments, four Centers, and one Program, each led by a Chairperson or Director. The Areas of Concentration within these units are designated by four letter codes.

- Department of Accounting (ACCT)
- Department of Finance and Computer Information Systems (FNCE), (ISQM)
- Department of Management (MGMT), (ENTR), (INBA)
- Department of Marketing and Business Law (MRKT), (BLAW)
- Center for Asian Business
- Center for Entrepreneurship (courses are offered through the Departments)
- Center for Ethics and Business (courses and activities are offered through the Departments)
- Center for Executive Learning
- Center for Travel and Tourism (TOUR)

The College offers the Master of Business Administration in different formats. The traditional MBA (MBAA) addresses the educational demands of persons who recognize the need to continue to build their careers. The Executive MBA (EMBA) is for the experienced business leader who aspires to executive-level responsibility.

Baccalaureate Degree Program

The College offers two Baccalaureate Degrees: Bachelor of Business Administration (B.B.A.) and the Bachelor of Science in Accounting (B.S.A.).

The Vision and Mission of the College of Business Administration

The vision of the College is to be recognized as a leading College of Business Administration within a Catholic university through our commitment to learning, values, and research. The underlying theme is the development of ethical leaders for a diverse, technologically-driven, global economy. These statements confirm our commitment to the principles of continuous improvement.

The mission of the College is to continuously develop an environment in which all stakeholders learn and grow together and contribute to an understanding of:

- The global economy,
- The business theories and practices which explain its operations,
- The decision models and analytical frameworks for meeting ethical challenges,
- The importance and interdependence of people in the work environment,
- The technologies that stimulate change, and
- The skills and management tools needed to manage an enterprise successfully.

The primary focus is on excellence in instruction and learning.

The mission of the **undergraduate programs** is to:

- Help students of high potential experience personal growth in the acquisition of knowledge in a broad range of subjects based on the University core curriculum and an integrated business curriculum;

- Help students develop technical, analytical, and interpersonal skills and personal qualities and values to realize their potential as future leaders in a global economy; and

- Graduate students who are able to demonstrate a depth of understanding in their primary field of interest.

University Core Curriculum for the Baccalaureate Degree in the College of Business Administration

American Cultures

3 Semester Hours

Course Selection

First- and second-year students choose from any lower division course (100s or 200s) listed. Third- and fourth-year students choose from any upper division course (300s or 400s) listed. A single course will generally not fulfill two core requirements. The only exception is a course that satisfies another core requirement, which is also cross-listed as AMCS (please see the Associate Dean's Office for details).

College Writing

3 Semester Hours

Course Selection

ENGL 110 will fulfill the college writing requirement. ENGL 100 will not fulfill the college writing requirement but is required of certain students based on their performance in the essay written in all ENGL 110 sections during the first week of classes. A minimum grade of C (2.0) is required in ENGL 110. All students who receive a grade of C- or lower must retake ENGL 110 as soon as possible.

Choose: ENGL 110.

Communication

3 Semester Hours

Course Selection

Choose from CMST 100, 110, 130, or 140.

Critical and Creative Arts

6 Semester Hours

Course Selection

This requirement is satisfied by taking one course from Critical Arts and one course from Creative Arts.

Critical Arts:

Choose from ANIM 100; ARHS 200, 201, 202, 321, 340, 345; DANC 281, 381; FTVS 210, 314, 315; MUSC 102, 104, 303, 365; THEA 240, 245, 331, 336, 341, 346, 347, 348, 349, 430.

Creative Arts:

Choose from ANIM 120, 220; ART 150, 151, 153, 278, 280, 350; DANC 163; ENGL 205, 311 (Prerequisite 201), 312 (Prerequisite 202); MUSC 105, 106, 107; PROD 200; SCWR 220; THEA 110, 400.

History

6 Semester Hours

Course Selection

This requirement is satisfied by taking one course from Western Civilization and one course from Contemporary Societies.

Western Civilization:

Choose from HIST 100 or 101.

Contemporary Societies:

Choose from HIST 152, 162, 172, 182, 192.

Literature

3 Semester Hours

Course Selection

Prerequisite: Successful completion of college writing requirement.

Choose from CLCV 200, 210, 220, 230; ENGL 130, 140, 150, 170; FNLT 180; THEA 240, 245, 331, 336, 341, 346, 347, 348, 349, 430.

Mathematics, Science and Technology

6 Semester Hours

Course Selection

Prerequisite: Success on the Mathematics Placement Examination or successful completion of MATH 101.

Students must complete MATH 112. MATH 101 and 111 are normally required as prerequisites but may be waived if the student has a high enough score on the Mathematics Placement Examination. All incoming College of Business Administration students must take the Mathematics Placement Examination unless they have already completed MATH 112 or its equivalent. If MATH 111 is waived, the student must complete a 3 semester hour non-business course for MATH 111.

Students must complete one 3 semester hour science and technology course. Courses ordinarily recommended to students majoring outside the Frank R. Seaver College of Science and Engineering are those numbered 260-279 in each department within the College (with the exception of computer [CMSI] and Mathematics [MATH] courses). Courses in this series are specifically designed for the non-major.

Choose from BIOL 260, 261, 262, 263, 264, 265, 271, 272, 275, 276; CHEM 260, 261, 262, 263, 264; ELEC 260, 265; MECH 260, 270, 275; NTLS 260, 270; PHYS 271, 272. Other Physical Science courses from the Frank R. Seaver College of Science and Engineering may be used to satisfy this requirement with the approval of the Associate Dean's office of the College of Business Administration.

Philosophy

6 Semester Hours

Course Selection

Lower Division:

Choose PHIL 160. Transfer students who enter LMU with a minimum of sixty (60) accepted transfer hours are exempt from the lower division requirement. The College of Business Administration requires that PHIL 160 be replaced with a 3-unit non-business course.

Upper Division:

Choose one course from PHIL 320 through 330.

Social Sciences

6 Semester Hours

Course Selection

Choose ECON 120 and PSYC 100.

Theological Studies

6 Semester Hours

Course Selection

Lower Division:

Choose from the 100-level series of THST courses. Transfer students who enter LMU with a minimum of sixty (60) accepted transfer hours are exempt from the lower division requirement. The College of Business Administration requires 100-level series of THST courses be replaced with a 3-unit non-business course.

Upper Division:

Choose from the 300-level series of THST courses only.

Note: International/Global Studies

The current core curriculum includes many courses dealing with international and global studies. All students are required to complete HIST 100 or 101, which deal with European culture. In addition, it is recommended that students take additional core courses that include the study of European cultures such as: ARHS 200, 201, 202; CLCV 200, 210, 220; DANC 281; FILM 314; FNLT 180; MUSC 102; THEA 240, 245, 331, 336, 341; THST 320, 322, 331.

To further augment the understanding of world cultures, it is recommended that students also choose at least one core course that includes the study of Africa, Asia, the Pacific, or Latin/Indigenous America. These core courses include: ARHS 321; DANC 381; HIST 172, 182; MUSC 303, 365; THEA 348; THST 180, 361, 382, 383, 384, 385.

All College of Business Administration students should be alert to the following policies:

Students on academic probation can enroll in a maximum of 15.0 semester hours and will need to have their Advisor Hold removed prior to registration by their academic advisors.

Certain courses must be taken in residence at LMU.

Upper division business courses may only be transferred from AACSB accredited institutions.

Transfer course approvals must be obtained from the Associate Dean's office prior to enrollment.

Credits for approved internships are not part of the three courses required for an area of emphasis. Internship credits, three (3) semester hours, may be counted as other business electives.

A minimum of 50% of the business-related coursework must be completed at LMU.

Recommendations

Students are encouraged to enrich their program of study with selected electives from the following areas. Consult the Bulletin for specific offerings.

Computer Skills

Students are expected to become proficient in computer skills. Courses or workshops may be taken to help students develop existing skills.

Foreign Language

Students are encouraged to study foreign languages to the intermediate level. LMU offers Chinese, Filipino, French, German, Greek (Modern and Classical), Italian, Japanese, Latin, and Spanish on a regular basis.

International/Global Studies

Students are encouraged to select elective courses that deal with international and/or global issues. Consult the Bulletin listings.

Senior Exam

All senior students of the College are required to take the Senior Exam, which is offered each semester.

Study Abroad

A semester of international study abroad is also recommended. Consult the Study Abroad Office.

Total Program

The B.B.A. degree program requires a minimum of 120 semester hours, and the B.S.A. degree program requires a minimum of 126 hours, including the prescribed business administration core courses and those listed above. A minimum of 45 semester hours must be from upper division course offerings.

Students should consult the Dean’s office for specific policies applicable to the College of Business Administration.

All courses are 3 semester hours unless otherwise stated.

Business Administration

Curriculum

The courses within the two degree programs (Bachelor of Business Administration and Bachelor of Science in Accounting) are categorized in six groups:

	B.B.A.	B.S.A.
	S.H.	S.H.
A. University Core Curriculum	45	45
B. Business/Econ. Core Requirement	45	45
C. Math/Science Requirement	6	6
D. Business Concentration Courses and/or Accounting	9	24
E. Non-business electives	6	6
F. Free Electives	9	
	—	—
Total.....	120	126

The specific courses in the two curricula are as follows:

- A. University Core Curriculum
- B. Business/Economics Core Requirements:
 - ACCT 211 Financial Accounting
 - ACCT 212 Managerial Accounting
 - BLAW 205 Legal Environment of Business
 - ECON 110 Introductory Microeconomics
 - ECON 120 Introductory Macroeconomics
 - ECON 230 Introductory Statistics
 - FNCE 325 Financial Planning and Control
 - INBA 340 International Business
 - ISQM 275 Computers in Business
 - ISQM 370 Management Information Systems
 - ISQM 377 Production Operations Analysis
 - MGMT 355 Principles of Management and Organizational Behavior
 - MRKT 365 Principles of Marketing
 - MGMT 405 Business as an Institution in Society
 - MGMT 409 Management Policy

B.B.A. majors are required to take MGMT 335, Human Resources Management.

Accounting majors are required to take BLAW 301, Business Law Applications and Cases.

- C. Math/Science Requirement
- D. Student Academic Plan: Students will develop an Academic Plan to identify the degree sought and the majors, minors, and areas of emphasis or concentration in their degree track program of study. Students working toward the Bachelor of Business Administration (BBA) degree will select one or two of the following Areas of Emphasis:

- Business Law
- Entrepreneurship
- Finance
- Computer Information Systems
- International Business Management
- Marketing
- Travel and Tourism

For each Area of Emphasis, the student will select three Advanced Business Electives. Students will also select minors and/or other majors as well as elective courses which may be taken as part of their Academic Plan. This Plan will be developed and implemented in consultation with the student’s Academic Advisor and the Office of the Associate Dean.

Business Law

- BLAW 301 Business Law Applications and Cases
- BLAW 381 Internship (1 semester hour)
- BLAW 404 Employment Law
- BLAW 408 Real Estate Law
- BLAW 412 Tax Law and Planning
- BLAW 447 International Business Law
- BLAW 462 Entertainment Law
- BLAW 473 Marketing Law
- BLAW 474 Sports Law
- BLAW 491 International Law Elective

Entrepreneurship

- ENTR 428 Real Estate Finance and Investment and Entrepreneurship
- ENTR 431 Entrepreneurship Finance
- ENTR 432 Tax Law Planning for Small Business
- ENTR 441 International Entrepreneurship
- ENTR 457 Entrepreneurship
- ENTR 458 Small Business Management

ENTR	461	Technology Ventures
ENTR	476	Entrepreneurial and Small Business Marketing

INBA	464	International Supply Chain Management (MRKT)
INBA	481	Strategic Management Seminar in Travel and Tourism
INBA	491	International Elective
INBA	496	Travel and Tourism Information Technology (1 semester hour)

Finance

FNCE	381	Internship (1 semester hour)
FNCE	426	Investments
FNCE	427	Financial Policy
FNCE	428	Real Estate Finance & Investments
FNCE	429	Capital Markets
FNCE	430	Mergers and Acquisitions
FNCE	431	Entrepreneurial Finance
FNCE	432	Tax Law and Planning
FNCE	442	Multinationals and the Third World
FNCE	443	International Investments
FNCE	448	International Finance
FNCE	491	International Finance Elective

Management

MGMT	101	Your Future in Business (1 semester hour)
MGMT	381	Internship (1 semester hour)
MGMT	431	Entrepreneurial Finance
MGMT	432	Tax Law and Planning
MGMT	435	Employee and Labor Relations
MGMT	436	Training and Development
MGMT	437	Professional Development Practicum
MGMT	438	Compensation Management
MGMT	439	Human Resources Practicum
MGMT	440	International Management
MGMT	441	International Entrepreneurship
MGMT	449	Doing Business with East Asia
MGMT	451	Business Practices in a Global Context
MGMT	456	Behavioral Science in Management
MGMT	457	Entrepreneurship
MGMT	458	Small Business Management
MGMT	459	Leadership
MGMT	460	Entertainment Management
MGMT	491	International Management Elective

Computer Information Systems and Operations Management

ISQM	381	Internship (1 semester hour)
ISQM	471	Database Management Systems
ISQM	472	Object Oriented Systems Analysis and Design
ISQM	473	Data Communications and Networks
ISQM	474	Management Support Systems
ISQM	476	PC-Based Decision Support Modeling
ISQM	477	Total Quality Management
ISQM	478	Electronic Business

Marketing

MRKT	381	Internship (1 semester hour)
MRKT	445	International Marketing
MRKT	461	E-Commerce Marketing
MRKT	462	Perspectives on Consumption
MRKT	463	Entertainment Marketing
MRKT	464	International Supply Chain Management
MRKT	465	Marketing Promotional Strategy
MRKT	466	Sports Marketing
MRKT	467	Marketing Research
MRKT	469	Consumer Behavior
MRKT	471	Retail Management
MRKT	472	Sales Management
MRKT	473	Marketing Law
MRKT	474	Competitive Strategy
MRKT	475	Marketing Planning
MRKT	476	Entrepreneurial and Small Business Marketing
MRKT	477	Brand Marketing
MRKT	478	Business to Business Marketing
MRKT	491	International Marketing Elective

International Business

INBA	340	International Business
INBA	381	Internship (1 semester hour)

Additionally, the following International Business courses are cross-listed with their respective departments:

INBA	440	International Management (MGMT)
INBA	441	International Entrepreneurship (MGMT)
INBA	442	Multinationals and the Third World (FNCE)
INBA	443	International Investing (FNCE)
INBA	445	International Marketing (MRKT)
INBA	447	International Business Law (BLAW)
INBA	448	International Finance (FNCE)
INBA	451	Business Practices in a Global Context (MGMT and MRKT)

Travel and Tourism

TOUR 380	Introduction to Travel and Tourism
TOUR 381	Internship (1 semester hour)
TOUR 382	Marketing and Selling Travel and Tourism
TOUR 383	Legal Foundations of Travel and Tourism
TOUR 384	Financial Management in Travel and Tourism
TOUR 481	Strategic Management Seminar in Travel and Tourism
TOUR 482	Air Transportation in Travel and Tourism (2 semester hours)
TOUR 483	The Cruise Industry (2 semester hours)
TOUR 484	Eco-tourism (2 semester hours)
TOUR 485	Field Experience/Familiarization Trips (2 semester hours)
TOUR 486	Gaming Industry Management (2 semester hours)
TOUR 487	Hospitality Management (2 semester hours)
TOUR 488	Human Resources in Travel and Tourism (2 semester hours)
TOUR 489	Global Tourism Destinations (2 semester hours)
TOUR 492	Meeting and Convention Management (2 semester hours)
TOUR 493	Road and Rail Transportation in Travel and Tourism (2 semester hours)
TOUR 494	Services Enterprise Management (2 semester hours)
TOUR 495	Tourism and Travel Packaging and Management (2 semester hours)
TOUR 496	Travel and Tourism Information (1 semester hour)
TOUR 498	Special Topics (1-3 semester hours)
TOUR 499	Independent Study (1-3 semester hours)

- E. Non-Business Electives: Six semester hours in this category are required for either the B.B.A. Degree or the B.S.A. Degree. These may include courses from any College within the University except Business Administration. Courses may be selected from the entire list of University offerings, but students must be sure they have met all prerequisites in each case.

Lower division courses are acceptable for students to take in their junior or senior years, provided, however, that they complete a minimum of 45 semester hours of upper division coursework.

Agreements are in place with a number of the departments in the University under which students may take all or most of their non-business and free electives in a single area. By using a planned sequence of recommended courses and, in some cases, by taking extra courses, it is possible for a student to complete a minor area of study and, in a few cases, even a second major. It is recommended that each student consider this possibility in terms of career and personal objectives.

- F. Free Electives: Students in the B.B.A. program have 9 semester hours of electives that may be taken from any College within the University, including Business Administration. These 9 semester hours may be used to complete a second area of emphasis.

Special Note:

The purpose of the above listing is simply to indicate the overall structure of the two programs in business. The order in which the courses must be taken is governed in all cases by the contribution of each course to the overall system. The suggested sequence of courses is shown in the following curriculum sections.

Transfer Credit

Lower division courses in business and economics that may be accepted include the equivalents of the following Loyola Marymount courses:

ACCT 211	Financial Accounting
ACCT 212	Managerial Accounting
BLAW 205	Legal Environment of Business
ECON 110	Introductory Microeconomics
ECON 120	Introductory Macroeconomics
ECON 230	Introductory Statistics
ISQM 275	Computers in Business

The following policies apply to all work transferred to the College of Business Administration at Loyola Marymount, whether from a two-year or a four-year school. The College can accept only those business and economics courses which are reasonably equivalent and at the same level of instruction as courses offered by Loyola Marymount. Thus, a course that Loyola Marymount offers at the junior level (courses numbered 300 and above) but that is taken by a transfer student at the sophomore level at a previous school cannot be accepted for credit. Such courses can be recognized only if the student takes the appropriate examinations after admission to the College (see Credit by Examination). Further, all transfer courses must be taken for a letter grade, and the student must receive a grade of C (2.0) or higher in order to obtain transfer credit.

Upper division business courses may only be transferred from a four-year, AACSB-accredited institution.

A student must have completed a course in Calculus or the equivalent of MATH 112 (Math Analysis for Business II) with a grade of C (2.0) or higher in order to transfer into the College of Business Administration.

Bachelor of Business Administration Curriculum

The following curriculum represents the order or sequence in which it is expected that students will take the various courses required for the B.B.A. degree.

Freshman Year

Fall Semester

ECON 110	Introductory Microeconomics
ENGL 110	College Writing
HIST 10_	Western Traditions 100 or 101
MATH 111	Math Analysis for Business I
THST 1XX	Lower Division THST

Spring Semester

ECON 105	Accelerated Introductory Economics
ECON 120	Introductory Macroeconomics
ENGL ___	Literature (See Core Curriculum)
HIST ___	HIST 152, 162, 172, 182, or 192
MATH 112	Math Analysis for Business II
PHIL 160	Philosophy of Human Nature

Sophomore Year

Fall Semester

ACCT 211	Financial Accounting
BLAW 205	Legal Environment of Business
ECON 230	Introductory Statistics
PSYC 100	General Psychology
SCTC ___	Science (See Core Curriculum)

Spring Semester

ACCT 212	Managerial Accounting
CMST ___	Communications (See Core Curr.)
ISQM 275	Computers in Business
Elect. ___	Critical Arts (See Core Curriculum)
Elect. ___	Creative Arts (See Core Curriculum)

Junior Year

Fall Semester

FNCE 325	Financial Planning and Control
INBA 340	Intro to International Business
MGMT 355	Principles of Mgmt & Org. Behavior
MRKT 365	Principles of Marketing
THST 3XX	Upper Division Theology

Spring Semester

AMCS ___	American Cultures (3 s.h.)
ISQM 370	Management Info Systems
ISQM 377	Production Operations Systems
MGMT 335	Human Resources Management
PHIL 320-330	Ethics-related Course

Senior Year

Fall Semester

MGMT 405	Business as an Institution in Society
Elect. ___	Applied Conc. Crse (Adv. Bus. Elect.)
Elect. ___	Applied Conc. Crse (Adv. Bus. Elect.)
Elect. ___	Non-Business Elective (3 s.h.)
Elect. ___	Free Elective (3 semester hours)

Spring Semester

MGMT 409	Management Policy
Elect. ___	Applied Conc. Crse (Adv. Bus. Elect.)
Elect. ___	Non-Business Elective (3 s.h.)
Elect. ___	Free Elective (3 semester hours)
Elect. ___	Free Elective (3 semester hours)

Business Administration Minor Requirements

The minor in Business Administration is open to non-Business majors only. (Business Administration majors must take all courses required for the minor in order to complete the Business major.) Courses required for the Business minor include ACCT 211, ECON 100, 105, or 110, MGMT 355, and MRKT 365. Two additional courses must be taken at the upper division level (300s-400s). Upper division courses may only be transferred from AACSB-accredited institutions. A minimum cumulative GPA of C (2.0) must be earned in the minor area.

Hispanic Business Studies Minor

In recognition of the growing number of Spanish-speaking people in the United States and the world, as well as the potential business opportunities they represent, the College of Business Administration offers a minor in Hispanic Business Studies. This minor requires that three of the courses be in Spanish language and three in Hispanic culture. The courses in this minor are selected in consultation with the Associate Dean of Business Administration. This minor is available to Business Administration and Accounting majors only. A minimum cumulative GPA of C (2.0) must be earned in the minor area.

Travel and Tourism Management Minor

Selected courses in the Program in Travel and Tourism are available as a minor for non-business students only.

The Travel and Tourism Management minor includes one of the following two courses: ECON 100 or 110; each of the following four courses described previously: TOUR 380, 382, 383, and 384; one of the elective courses listed; and at least one internship (TOUR 381).

Beta Gamma Sigma Honor Society

Beta Gamma Sigma is the honor society for students enrolled in business and management programs accredited by AACSB International—the Association to Advance Collegiate Schools of Business. Election to lifetime membership in Beta Gamma Sigma is the highest honor a business student can achieve. Juniors in the top 7%, seniors in the top 10%, and MBA students in the top 20% of their class may be invited to membership.

Beta Gamma Sigma membership provides recognition for a lifetime. With alumni chapters in major metropolitan areas across the United States, the BGS Career Central job board and the BetaLink on-line membership community, those recognized for their academic achievements at Loyola Marymount University can continue an active relationship with Beta Gamma Sigma long after graduation. This lifelong commitment to its members' academic and professional success is defined in the Society's mission: to encourage and honor academic achievement in the study of business and personal and professional excellence in the practice of business.

Bachelor of Science in Accounting Curriculum

The first two years of the program are identical to the Bachelor of Business Administration Curriculum. All 300- and 400-level accounting courses must be taken in residence at Loyola Marymount University.

Junior Year

Fall Semester

ACCT 311	Intermediate Accounting I
ACCT 314	Accounting Info. Systems
AMCS ___	American Cultures (3 s.h.)
FNCE 325	Financial Planning and Control
MRKT 365	Principles of Marketing

Spring Semester

ACCT 312	Intermediate Accounting II
ACCT 313	Cost Accounting
ISQM 377	Production Operations Systems
MGMT 355	Principles of Mgmt and Org. Behavior
THST 3XX	Upper Division Theology

Senior Year

Fall Semester

ACCT 411	Advanced Accounting
ACCT 416	Auditing, Assurance, and Attestation
INBA 340	Intro to International Business
MGMT 405	Business as an Institution in Society
PHIL 320-330	Ethics-related Course

Spring Semester

ACCT 412	Income Tax Accounting
BLAW 301	Business Law Applications and Cases
MGMT 409	Management Policy
Elect. ___	Non-Business Elective (3 s.h.)
Elect. ___	Non-Business Elective (3 s.h.)

Academic Plan

Accounting majors are encouraged, but not required, to include 150 semester hours of study in their academic planning process. The 150 semester hours of study is now required to practice public accounting in most states and for Pathway Two in the State of California. Their plan might include undertaking minors and/or an additional major or pursuing graduate studies. Students are encouraged to discuss with the Associate Dean and/or their Accounting academic advisor various possible tracks to earn the 150 semester hours.

Accounting Minor Requirements

ACCT 211, 212, and at least three of the following courses: ACCT 311, 312, 313, and 412. All upper division Accounting courses must be taken in residence. A minimum cumulative GPA of C (2.0) must be earned in the minor area.

Accounting

Faculty

Chairperson: Mahmoud Nourayi

Professors: J. Ross Bengel, Alan Cherry, Frank Daroca,
George Dasaro, Alan Falcon,
Lawrence Kalbers (R. Chad Dreier Chair in Accounting),
Mahmoud Nourayi

Associate Professor: Patricia Douglas

Assistant Professor: Sudha Krishnan

Objectives

The Bachelor of Science in Accounting degree program is designed to prepare students for a career in public, corporate, or governmental accounting. Students will learn the basic definitions, concepts, and techniques of accounting, as well as the role accounting plays in society.

Major Requirements

Lower Division Requirements:

ACCT 211, 212; BLAW 205; ECON 110, 120, 230;
ISQM 275; MATH 111, 112.

Upper Division Requirements:

ACCT 311, 312, 313, 314, 411, 412, 416; BLAW 301; FNCE 325; INBA 340; ISQM 377; MGMT 355, 405, 409; MRKT 365. All upper division accounting courses must be taken in residence at LMU. A cumulative GPA of C (2.0) must be achieved in the major requirements (all business, economics, and math courses).

For purposes of meeting the requirements for the B.S.A. degree and determination of academic probation, an overall cumulative grade point average of at least a C (2.0) must be obtained in the following Accounting major courses: 311, 312, 313, 314, 411, 412, and 416.

ACCT 211

Financial Accounting

3 Semester Hours

This is the first course in a two-accounting-course sequence that is required for all business majors and business minors. This course introduces the student to 1) the role of accounting in business and society, 2) the basic concepts and techniques of financial accounting, and 3) the use of financial statements for decision-making purposes. Topics covered include a summary of the accounting cycle, analyzing and recording transactions, accounting valuation and allocation practices, preparation, interpretation, and analysis of financial statements.

ACCT 212

Managerial Accounting

3 Semester Hours

This is the second in a two-semester sequence in accounting required of all business majors and is a prerequisite to all other accounting courses. Building on the basic understanding of accounting systems developed in ACCT 211, managerial accounting introduces concepts of cost behavior and analysis, as well as techniques for using operational and financial information within the business firm for decision-making, planning, and control.

Prerequisite: ACCT 211.

ACCT 311

Intermediate Accounting I

4 Semester Hours

This course begins the in-depth study of financial accounting and reporting. Topics covered include the environment of the standard setting process for financial accounting and reporting, the conceptual framework, accounting cycle procedures, financial statement preparation and financial disclosures, basic ratio analysis, and accounting standards and procedures for cash, notes and accounts receivable, and inventories. Uses and limitations of the balance sheet and the income statement are studied. Researching accounting issues through the use of a database and accounting websites are a course requirement.

Prerequisites: ACCT 212 and ISQM 275.

ACCT 312

Intermediate Accounting II

4 Semester Hours

This course continues the in-depth study of financial accounting and reporting begun in ACCT 311. The conceptual and procedural aspects of some of the most complex and controversial topics in financial accounting are studied. Topics include the accounting for property, plant, and equipment, intangible assets, investments, long-term debt, derivatives, leases, deferred taxes, stock options, error correction, and the statement of cash flows. Coverage of these topics includes an historical perspective, learning the current standards under generally accepted accounting principles, awareness of the flaws and limitations in current practice, and possible future directions.

Prerequisite: ACCT 311 with a minimum grade of C (2.0).

ACCT 313**Cost Accounting***4 Semester Hours*

Continuing the study of the managerial uses of cost data begun in ACCT 212. The procedural aspects will be considered as they relate to ACCT 212 concepts. Allocation approaches will be discussed. The conceptual aspect will be enhanced to include resource management and performance evaluation.

Prerequisites: ACCT 212 and ISQM 275.

ACCT 314**Accounting Information Systems***3 Semester Hours*

This course introduces business processes utilizing transaction processing cycles and accounting-based information technology (IT) such as e-commerce, electronic data processing, and continuous auditing. The course also stresses the design, development, implementation, and auditing of accounting information systems.

Prerequisites: ACCT 212 and ISQM 275.

Accounting majors only, except by permission of instructor.

ACCT 405**Accounting Ethics, Professionalism, and the Public Interest***3 Semester Hours*

Accountants and the accounting profession play an important role in society. The role is examined in this course through an in-depth study of accounting ethics, professionalism, and the public interest. Students will learn about and analyze the history of the profession; the legal and ethical responsibilities of the profession; important legislation that has impacted the profession and the practice of accounting, particularly auditing; and the current environment in which accountants and auditors work. The course also will expose students to moral reasoning and ethical decision making, and encourage students to adopt the objectivity, integrity, and ethical standards necessary to serve society as an accounting professional.

Prerequisite: ACCT 311.

ACCT 411**Advanced Accounting***4 Semester Hours*

This course completes the undergraduate study of financial accounting and reporting. An emphasis is placed on consolidated financial statements. Additional topics covered include foreign currency transactions, translation of the financial statements of foreign entities, governmental accounting for local and state governments, and accounting and reporting of private not-for-profit organizations.

Prerequisites: ACCT 312 with a minimum grade of C- (1.7) and 314.

Accounting majors only, except by permission of instructor.

ACCT 412**Federal Income Taxation***4 Semester Hours*

A comprehensive study of federal tax laws and administration with emphasis on the taxation of individuals. In addition, application of the components of the federal income tax formulas for partnerships, corporations, and other business entities will be examined.

Prerequisite: ACCT 311.

ACCT 416**Auditing, Assurance, and Attestation***4 Semester Hours*

The study of the methodology used by public accountants to obtain and evaluate evidence regarding assertions concerning financial statements and internal controls over financial reporting. Ethical and legal aspects of the auditing profession are examined with special reference to ramifications of the Sarbanes-Oxley Act.

Prerequisites: ACCT 312 with a minimum grade of C- (1.7), 313, 314; ECON 230.

Accounting majors only, except by permission of instructor.

ACCT 418**Fraud Examination***3 Semester Hours*

An introductory course designed for business managers and those beginning careers in accounting and auditing. The course stresses the nature of fraud, its litigation, approaches to detecting and preventing fraud, fraud inquiry methods, and reports issued by fraud examiners. Specific topics covered include: financial statement fraud, asset conversion frauds, computer frauds, and bankruptcy frauds. The course advocates a more careful and skeptical view of financial transactions and information.

Prerequisite: ACCT 311.

Finance, Computer Information Systems and Operations Management

Faculty

Chairperson: Richard J. Perle

Professors: Benjamin Bobo, Kweku Ewusi-Mensah, Rachele Katz, Christopher A. Manning, Richard J. Perle, Zbigniew H. Przasnyski, Lawrence S. Tai

Associate Professors: Dolphy Abraham, Allen Gray, Charles J. Higgins, Chun I. Lee, Linda A. Leon, Kala Chand Seal

Assistant Professors: Susan Elkinawy, Robbie Nakatsu, David Offenberg, Ying Sai

Objectives

The Bachelor of Business Administration degree with an emphasis on finance prepares students for careers in the private and public sectors. Students develop skills in the application of concepts and techniques essential to financial planning, investments, and corporate planning.

The computer information systems and operations management emphasis involves the application of computers to meet the information needs of organizations. It prepares students to use modern information technology to solve business problems at the operational, technical, and strategic levels.

Finance

FNCE 325

Financial Planning and Control

3 Semester Hours

Topics include structure and financial problems of business enterprises; methods and instruments available for promoting, financing, recapitalizing, and reorganizing business enterprises; and social control of security issues and exchanges. In addition, time value of money, risk and return trade-offs, security valuation, and working capital management will be studied.

Prerequisites: ACCT 212; ECON 110, 120, 230; MATH 112.

FNCE 381

Internship

1 Semester Hour

The objective of this one-semester-hour course is to help the student achieve a worthwhile learning experience that is relevant to the program of study in the student's major or area of emphasis. The internship, conducted with an off-campus organization, will help the student gain insights relative to his/her strengths and weaknesses in the job environment.

FNCE 412

Income Tax Accounting

3 Semester Hours

A practical guide for the professional manager and the entrepreneur to help them understand federal tax laws with emphasis on tax considerations in entrepreneurial and strategic planning.

FNCE 426

Investments

3 Semester Hours

Topics to be discussed include sources of, and demand for, investment capital; determination of investment policy and current procedures for the analysis of securities will be covered. Financial instruments examined include futures contracts, options, and convertibles.

Prerequisite: FNCE 325.

FNCE 427**Financial Policy***3 Semester Hours*

Use of cases to analyze problems and policies of business as well as investment issues related to discounted cash flow, securities valuation, cost of capital, capital budgeting, and mergers and acquisitions will be examined. Focus also includes capital structure policy, dividend policy, and working capital management.

Prerequisite: FNCE 325.

FNCE 428**Real Estate Finance and Investment and Entrepreneurship***3 Semester Hours*

Financial modeling and analysis of real estate investment opportunities to include financing strategy, risk analysis, taxation, market area supply and demand analysis by property type, as well as evaluating alternative financing instruments in both primary and secondary markets.

Prerequisite: FNCE 325.

FNCE 429**Capital Markets***3 Semester Hours*

This course examines the development, regulation, and management of each of the financial institutions and markets. The activities of these institutions and government and individuals in the markets are then studied.

Prerequisite: FNCE 325.

FNCE 430**Mergers and Acquisitions***3 Semester Hours*

This course focuses on how value is created (or destroyed) as a result of mergers, acquisitions, divestitures, joint ventures, and spin-offs. Students will learn how to develop acquisition plans, value firms, build financial models, structure deals, and implement common takeover tactics and defenses.

Prerequisite: FNCE 325.

FNCE 431**Entrepreneurial Finance***(See MGMT 431)***FNCE 432****Tax Law and Planning***(See ENTR 432)***FNCE 442****Multinationals and the Third World***3 Semester Hours*

This course examines business activity by multinational corporations in Third World countries. It focuses on conventional theory of multinational enterprises, financing decisions, technology transfer, institutional arrangements, entry strategy and options, host country bargaining power, settlement of investment disputes, workplace protection and safety ethics, and case studies of Third World countries.

Prerequisites: FNCE 325 and INBA 340.

FNCE 443**International Investments***3 Semester Hours*

Theories of international trade will be introduced, as well as international business finance and its environment. Additional topics to be examined include: risk and the foreign investment decision and institutions and instruments of international finance.

Prerequisite: FNCE 325.

FNCE 448**International Finance***3 Semester Hours*

Theories of international trade will be introduced, as well as international business finance and its environment. Additional topics to be examined include: risk and the foreign investment decision and institutions and instruments of international finance.

Prerequisite: FNCE 325.

FNCE 498**Special Studies***1-3 Semester Hours***FNCE 499****Independent Studies***1-3 Semester Hours*

Computer Information Systems and Operations Management

ISQM 275

Computers in Business

3 Semester Hours

An introduction to computers and related technologies, including basic computer concepts and terminology and hands-on experience in use of spreadsheets, programming language, and database applications. In addition, an introduction to the role of IS in business organizations will be discussed.

Prerequisite: MATH 101, 111, or 112, or consent of instructor.

ISQM 370

Management Information Systems

3 Semester Hours

This course stresses the role of managers in the analysis, design, development, implementation, maintenance, and control of information systems as shared corporate resources. This course also stresses the critical role of IS in business organizations.

Accounting majors should substitute ACCT 314.

Prerequisite: ISQM 275.

ISQM 377

Production Operations Analysis

3 Semester Hours

This course will introduce students to decision making; forecasting, capacity, layout, aggregate, and material planning; inventory; scheduling; simulation and quality assurance; with computer applications.

Prerequisites: ECON 110, 230; ISQM 275; MATH 112.

ISQM 381

Internship

1 Semester Hour

The objective of this one-semester-hour course is to help the student achieve a worthwhile learning experience that is relevant to the program of study in the student's major or area of emphasis. The internship, conducted with an off-campus organization, will help the student gain insights relative to his/her strengths and weaknesses in the job environment.

ISQM 471

Database Management Systems

3 Semester Hours

This course provides an introduction to the concepts of database systems. Topics to be covered include technical and managerial issues involved in the analysis and design of databases. The ER model and logical data models such as the relational, network, and hierarchical are discussed. Concepts of object-oriented and distributed databases are also discussed.

Prerequisite: ACCT 314 or ISQM 370 or consent of instructor.

ISQM 472

Object Oriented Systems Analysis and Design

3 Semester Hours

A rigorous approach to information analysis essential to information systems design. Emphasizes the formalization of the information systems design process and explores relevant state-of-the-art techniques.

Prerequisite: ACCT 314 or ISQM 370 or consent of instructor.

ISQM 473

Data Communications and Networks

3 Semester Hours

An introduction to the use of data communications and other automation systems in the business environment, including the study of local and wide area networks, voice and electronic mail, video conferencing, and other automation tools in support of management.

Prerequisite: ACCT 314 or ISQM 370 or consent of instructor.

ISQM 474

Management Support Systems

3 Semester Hours

Examines the concepts and techniques associated with decision support systems, executive information systems, and expert systems. The course focuses on the specification, design, and implementation of DSS, EIS, and ES in organizations for solving real-world business problems.

Prerequisite: ACCT 314 or ISQM 370 or consent of instructor.

ISQM 476**PC-Based Decision Support Modeling***3 Semester Hours*

Explores the potential of personal computer spreadsheet models as a medium for providing strategic information to managers. Emphasizes how database modeling, risk analysis, LP, and forecasting can be performed and integrated in the spreadsheet environment.

Prerequisite: ISQM 377 or consent of instructor.

ISQM 477**Total Quality Management***3 Semester Hours*

Reviews the contributions of notable professionals in the TQM movement: Deming, Juran, Crosby and Taguchi. Tools for planning and improving quality are examined and demonstrated. Finally, TQM procedures such as SPC and D of E are studied. Software packages are employed. Relevant statistical methods will be reviewed.

Prerequisite: ISQM 377 or consent of instructor.

ISQM 478**Electronic Business***3 Semester Hours*

A focused study of how to plan, analyze, design, develop, and implement information systems to support business activity via electronic mediums such as the Internet. Also includes an assessment of current business and technology factors that impact such business activity.

Prerequisite: ACCT 314 or ISQM 370.

ISQM 498**Special Studies***1-3 Semester Hours***ISQM 499****Independent Studies***1-3 Semester Hours*

Management, Entrepreneurship, and International Business

Faculty

Chairperson: Edmund Gray

Professors: Jeffrey Gale, Edmund Gray, George Hess,
Fred Kiesner, David Mathison, Yongsun Paik, Peter Ring,
H. Daniel Stage, Charles Vance,
John Wholihan, Anatoly Zhuplev

Associate Professors: Ellen Ensher, Cathleen McGrath

Assistant Professors: Dong Chen, David Choi,
Patricia Garcia Martinez

Objectives

Management is planning, organizing, leading, and controlling the activities necessary to successfully run an organization. In studying management, the student will focus on the practical skills, ethical issues, and management theory necessary to succeed in our diverse global economy. The Department offers, essentially, two types of courses: general knowledge courses and specialized courses. General knowledge courses are required of all business majors. The specialized courses, conversely, are elected by majors and minors who wish to gain specialized training in specific areas of management.

Management

MGMT 101

Your Future in Business

1 Semester Hour

Examines the major business disciplines and exciting career opportunities in today's organizations—large and small, profit and non-profit, domestic and global. This course also provides a valuable introduction to important skills and campus resources that contribute to success, both now and in the future.

Open to all majors.

MGMT 335

Human Resource Management

3 Semester Hours

Examines critical issues and concepts for managing human resources in organizations, including planning, staffing, training, performance evaluation, compensation, discipline, labor relations, and employment law. Special attention is paid to career development.

MGMT 355

Principles of Management and Organizational Behavior

3 Semester Hours

Provides a foundation of important concepts and principles for managing organizations effectively by understanding how groups and individuals function within organizations. The critical functions of planning, organizing, directing, and controlling and basic concepts of organizational behavior will also be examined.

MGMT 381

Internship

1 Semester Hour

The objective of this one-semester-hour course is to help students achieve a worthwhile learning experience relevant to their major program of study or area of emphasis. The internship, conducted with an off-campus organization, will help the student gain insights relative to his/her strengths and weaknesses in the job environment.

MGMT 405

Business as an Institution in Society

3 Semester Hours

A practical course that focuses on the social, economic, and political implications of modern business in society. Social responsibilities and ethical problems faced by practicing managers are stressed.

Must be taken in residence at LMU.

MGMT 409**Management Policy***3 Semester Hours*

An integrating course dealing with the problems of general management, using cases, simulations, and field study for analysis and decision-making practice. Issues related to business and corporate-level strategies will be stressed.

Must be taken in residence at LMU with senior standing. Business Administration and Accounting majors only.

Prerequisites: FNCE 325, ISQM 377, MGMT 355, MRKT 365.

MGMT 431**Entrepreneurial Finance***(See ENTR 431)***MGMT 432****Tax Law and Planning***(See ENTR 432)***MGMT 435****Employee and Labor Relations***3 Semester Hours*

Focuses on developing students' knowledge and skills in key areas such as managing employee performance, analyzing real-world cases, and balancing competing interests within union and non-union environments. Students will learn to write performance appraisals, lead a coaching and counseling discussion, practice collective bargaining negotiation techniques, and design an employee relations simulation.

Prerequisite: MGMT 335.

MGMT 436**Training and Development***3 Semester Hours*

Important concepts and skills for developing human performance in organizations through training needs assessment, design and development, and evaluation. Stresses current methods and approaches for effective employee training and management development.

Prerequisite: MGMT 335.

MGMT 437**Professional Development Practicum***3 Semester Hours*

An individual-directed course combining 100 hours of relevant work experience with career development tests, models, and exercises. Each student develops an experience-based career development plan.

MGMT 438**Managing Compensation and Rewards***3 Semester Hours*

This course examines various theories, strategies, and practices of employee compensation. A central focus throughout this course is on what forms or types of compensation practices and incentives motivate and stimulate employee performance and commitment in the workplace. This course will help students understand the complexities of compensation practices as future HR professionals, managers, or employees.

Prerequisite: MGMT 335.

MGMT 439**Human Resource Management Practicum***3 Semester Hours*

This course helps facilitate students' entry into a career in human resources. Students complete a consulting project, a career action plan, as well as several research papers, all designed to broaden students' understanding of the HR profession. Pedagogical methods include case studies, site visits, guest speakers, and applied learning exercises.

MGMT 440**International Management***3 Semester Hours*

This course will examine various managerial issues facing multinational companies operating in international business environments. Building upon the comprehensive understanding of the global economy, students will study various factors that affect the success of global business. These include the extent of globalization strategy, organization structure, mode of entry and control, managing government intervention, human resource management practices, ethics, and social responsibility.

Prerequisites: INBA 340 and MGMT 355.

MGMT 441**International Entrepreneurship***(See ENTR 441)***MGMT 449****Doing Business with East Asia***3 Semester Hours*

This course introduces students to the vital business environments of East Asia. Students study the political, economic, and socio-cultural influences on business and the historical background of the region.

Prerequisite: INBA 340.

MGMT 451

Business Practices in a Global Context

3 Semester Hours

This course, through an extensive program of speakers and site visits in a foreign setting, provides a broad exposure to several important environments affecting international business markets and practices, including technical, political, social, and economic environments.

Taught on site as part of the Study Abroad Programs.

MGMT 456

Behavioral Science in Management

3 Semester Hours

In-depth study of the application of concepts in leadership, motivation, and decision-making and how these are applied to problems faced by managers.

Prerequisite: MGMT 355.

MGMT 457

Entrepreneurship

(See ENTR 457)

MGMT 458

Small Business Management

(See ENTR 458)

MGMT 459

Leadership

3 Semester Hours

Focuses on the role of leadership and leaders in organizations. Principal topics include sources and uses of power, leadership traits, leadership styles and behaviors, contingency theories, charisma, transformational leadership, team leadership, strategic leadership, and the development of leaders. Lectures, discussions, case studies, videos, experimental exercises, and field research.

Prerequisite: MGMT 355.

MGMT 460

Entertainment Management

3 Semester Hours

Focuses on industry organizational models to describe structures and functions of executives and managers within their organizations as this industry consolidates and is impacted by technology.

MGMT 498

Special Studies

1-3 Semester Hours

MGMT 499

Independent Studies

1-3 Semester Hours

Entrepreneurship

ENTR 428

Real Estate Finance and Investment and Entrepreneurship

3 Semester Hours

Financial modeling and analysis of real estate investment opportunities to include financing strategy, risk analysis, taxation, market area supply and demand analysis by property type, as well as evaluating alternative financing instruments in both primary and secondary markets.

ENTR 431

Tax Law and Planning

3 Semester Hours

A practical guide for the professional manager and the entrepreneur to help them understand federal tax laws with emphasis on tax considerations in entrepreneurial and strategic planning.

ENTR 441

International Entrepreneurship

3 Semester Hours

Focuses on developing knowledge and skills in three key components of international entrepreneurship; initiating entrepreneurial ventures, managing international business transactions, and dealing with multicultural business environments. Includes a feasibility study of an international small business venture start up, case study, and experiential learning.

Prerequisites: INBA 340 and MGMT 355.

ENTR 457

Entrepreneurship

3 Semester Hours

Provides an overall understanding of entrepreneurship and small business management. Emphasis placed on the development of a business plan and application of the proper methods, techniques, and skills needed for developing a new venture.

Prerequisites: MGMT 355 and MRKT 365.

ENTR 458**Small Business Management***3 Semester Hours*

An integrative course combining skills in all business disciplines. The focus is on the identification and analysis of operating problems confronting the small business manager.

Prerequisites: MGMT 355 and MRKT 365.

ENTR 461**Technology Ventures***3 Semester Hours*

Explores emerging trends and opportunities arising from innovations in science and technology and examines strategies that ventures utilize to exploit them.

Prerequisite: MGMT 355.

ENTR 476**Entrepreneurial and Small Business Marketing***3 Semester Hours*

Whereas traditional marketing courses often assume that marketers are operating in a predictable environment with generous budgets, this course examines shoestring methods to be used under conditions of considerable uncertainty.

Prerequisite: MRKT 365.

ENTR 498**Special Studies***1-3 Semester Hours***ENTR 499****Independent Studies***1-3 Semester Hours***International Business Studies****INBA 340****Introduction to International Business***3 Semester Hours*

This course will introduce students to the international business environments: political, economic, financial, and socio-cultural. As the global economy becomes closely integrated, the need for understanding its driving forces as well as its impacts on the domestic economy becomes critical. To help students prepare for this challenge, areas such as international trade and investment policies, cross-cultural differences, foreign exchange market, and business strategies in manufacturing, marketing, and human resources will be examined.

INBA 381**Internship***1 Semester Hour*

The objective of this one-semester-hour course is to help the student achieve a worthwhile learning experience which is relevant to the program of study in the student's major or area of emphasis. The internship, conducted with an off-campus operating organization, will help the student gain insights relative to his/her strengths and weaknesses in the job environment.

INBA 440**International Management***3 Semester Hours*

This course will examine various managerial issues facing multinational companies operating in international business environments. Building upon the comprehensive understanding of the global economy, students will study various factors that affect the success of global business. These include the extent of globalization strategy, organization structure, mode of entry and control, managing government intervention, human resource management practices, ethics, and social responsibility.

Prerequisites: INBA 340 and MGMT 355.

INBA 441**International Entrepreneurship***(See MGMT 441)***INBA 442****Multinationals and the Third World***(See FNCE 442)***INBA 443****International Investments***(See FNCE 443)*

INBA 445

International Marketing

(See MRKT 445)

INBA 447

International Business Law

(See BLAW 447)

INBA 448

International Finance

(See FNCE 448)

INBA 451

Business Practices in a Global Context

(See MGMT 451)

INBA 464

International Supply Chain Management

(See MRKT 464)

INBA 481

Strategic Management Seminar in Travel and Tourism

(See TOUR 481)

INBA 491

International Elective

3 Semester Hours

INBA 496

Travel and Tourism Information

(See TOUR 496)

INBA 498

Special Studies

1-3 Semester Hours

INBA 499

Independent Studies

1-3 Semester Hours

Marketing and Business Law

Faculty

Co-Chairperson: Renee Florsheim
 Co-Chairperson: Arthur Gross-Schaefer
 Professors: Arthur Gross-Schaefer, Gary P. Sibeck,
 Robert D. Winsor
 Associate Professors: Renee Florsheim, Ralph L. Quiñones
 Assistant Professors: Mark Bandsuch, S.J.,
 Velitchka D. Kaltcheva, Mark Leach, Annie Liu,
 Anthony D. Patino

Objectives

Marketing focuses on activities that facilitate exchange between individuals and organizations. It prepares students for careers in marketing research, sales and sales management, marketing management, retailing, and advertising—all of which can serve as good career paths leading to top-level positions in general management in all types of organizations and industries.

Business Law courses introduce students to the legal environment of business. A focus in Business Law will prepare students for the fundamental legal challenges that affect all aspects of business including: Marketing, Management, Human Resources Management, Accounting, International Business, and Entrepreneurship and will prepare them for careers in highly-regulated industries, contract-based positions (e.g., insurance), or those in which intellectual property considerations play a strong role (e.g., entertainment).

Business Law

BLAW 205

Legal Environment of Business

3 Semester Hours

The nature, formation, and application of the law; law and the business environment; law and society; the social significance of law; the judicial system. This core requirement of Business Administration majors will give students a solid introduction to the legal aspects of a business relationship.

BLAW 301

Business Law Applications and Cases

3 Semester Hours

The course offers a detailed study of the nature of contracts and their applications in business organizations, personal property, real property, and commercial transactions. A focus will be placed on interpreting the law through existing case studies.

Prerequisite: BLAW 205.

BLAW 381

Internship

1 Semester Hour

The objective of this one-semester-hour course is to help the student achieve a worthwhile learning experience that is relevant to the program of study in the student's major or area of emphasis. The internship, conducted with an off-campus organization, will help the student gain insights relative to his/her strengths and weaknesses in the job environment.

BLAW 383

Legal Foundations of Travel and Tourism

(See TOUR 383)

BLAW 404

Employment Law

3 Semester Hours

A survey course on general employment law concepts, this study will take a management perspective in understanding the legal interaction of the employer and the employee in the work environment. A focus will be placed on the evolution of employment law and current interpretations by related employment protection agencies.

Prerequisite: BLAW 205.

BLAW 408

Real Estate Law

3 Semester Hours

A study of the legal aspects involved in real estate ventures. Will explore the nature of property and land transactions, management based on current law code, and existing case law. This course provides an excellent legal foundation for students with an interest in future property ownership.

Prerequisite: BLAW 205.

BLAW 412

Tax Law and Planning

3 Semester Hours

A detailed study of the laws involved with business taxation. From a management perspective, this class will focus on understanding legal interpretations of tax code and how managers apply these legal factors when planning and forecasting business development.

Prerequisite: BLAW 205.

BLAW 447

International Business Law

3 Semester Hours

This course provides an excellent legal foundation for the international operation of businesses. Students will address balancing the legal interests of domestic and international parties and will explore the applicable legal guidelines and case history.

Prerequisite: BLAW 205.

BLAW 462

Entertainment Law

3 Semester Hours

Law as it applies to the entertainment (motion picture, sound, television) industry, with particular focus on contracts and agency.

Prerequisite: BLAW 205.

BLAW 473

Marketing Law

3 Semester Hours

This course focuses on the various legal constraints, problems, and ramifications that should be recognized and addressed by marketers during decision-making processes. This will explore the legal interaction of the marketer and the customer in the development of product, promotion, pricing, and distribution plans.

Prerequisites: BLAW 205 and MRKT 365.

BLAW 474

Sports Law

3 Semester Hours

A practical course that focuses on the nature, formation, and application of the law in relation to sports as a business and social entity. This upper division elective will give students a solid introduction into the legal aspects of the business of sports, including contracts, torts, antitrust, agency, property, crimes, and labor law. The course examines current statutory and case law in order to help students develop managerial and decision-making skills in the areas of business, sports, and law.

Prerequisites: BLAW 205 and Junior standing.

BLAW 498

Special Studies

1-3 Semester Hours

BLAW 499

Independent Studies

1-3 Semester Hours

Marketing

MRKT 365

Principles of Marketing

3 Semester Hours

This course will introduce the role of marketing management in a market economy as well as in the modern organization. Students will be exposed to consumer-oriented managerial decisions regarding product planning, pricing structures, distribution channels, and promotional methods for a variety of products and services and in a range of organizational settings.

Prerequisite: ECON 100, 105, or 110.

MRKT 381

Internship

1 Semester Hour

The objective of this one-semester-hour course is to help the student achieve a worthwhile employment experience as part of an overall program of study in Marketing. The internship, conducted with an off-campus organization and coordinated by a department faculty member, will develop marketing skills, assist the student in tying coursework to the workplace experience, and allow the student to realize and understand better what it is that (s)he is looking for in a career.

MRKT 382

Marketing and Selling Travel and Tourism

3 Semester Hours

Provides an in-depth examination of travel and tourism marketing from both the supplier and destination perspectives. Case studies are extensively utilized to discuss product development, pricing management, sales strategies, service practices, promotion methods, and distribution channels, both personal and electronic.

Prerequisite: MRKT 365.

MRKT 445

International Marketing

3 Semester Hours

This course will examine marketing principles and planning factors and techniques applied in a global environment. Students will develop an appreciation for the external forces which shape the international marketer's decisions and will learn about strategies used by international firms as they successfully enter and adapt to new cultures and nations.

Prerequisite: MRKT 365.

MRKT 461

E-Commerce Marketing

3 Semester Hours

This course introduces the student to e-Marketing, which refers to the use of the Internet and related technologies to adapt traditional marketing activities to suit the creation, offer, and exchange of products and services online. The focus will be on the use of emerging technologies and related ideas to enhance marketing outcomes.

Prerequisite: MRKT 365.

MRKT 462

Perspectives on Consumption

3 Semester Hours

This course examines the roles individuals play in society and the economy through the acts of shopping, consuming, discussing, displaying, and disposing of goods and services. In addition, the processes by which organizations conceptualize, reinforce, and exploit these roles in the marketing of goods and services will be examined.

Prerequisite: MRKT 365.

MRKT 463

Entertainment Marketing

3 Semester Hours

Marketing is an essential element in the commercial success of entertainment products in the world today. Los Angeles is the center of the world's entertainment industry. This course looks at product development, market research, distribution, and promotional methods used in the marketing of films, music, television, and new media products.

Prerequisite: MRKT 365.

MRKT 464

International Supply Chain Management

3 Semester Hours

A look at the front-end functions of marketing planning, logistical planning, business relationships, networking, and the marketing benefits of business collaboration inherent in the dynamic channels of distribution used in a global business environment. Note that this is the same course previously named "International Logistics."

Prerequisite: MRKT 365.

MRKT 465

Marketing Promotional Strategy

3 Semester Hours

The new term, Integrated Marketing Communications (IMC), is a recognition of the need for firms to coordinate their various promotional activities and expenditures. This course will cover advertising, public relations, sales promotions, and direct marketing techniques, and will allow students to develop overall promotional programs using elements of each of these vehicles as appropriate.

Prerequisite: MRKT 365.

MRKT 466

Sports Marketing

3 Semester Hours

A thorough examination of the expanding field of sports marketing, including team, event, personality, and facility marketing, sponsorship, and merchandising. Some prior familiarity with sport is highly recommended.

Prerequisite: MRKT 365.

MRKT 467

Marketing Research

3 Semester Hours

The application of both qualitative and quantitative research methodology to the solution of marketing questions. Students will study the role of marketing research and will be involved in the design, execution, analysis, and implementation of a complete research project.

Prerequisite: MRKT 365.

MRKT 469

Consumer Behavior

3 Semester Hours

This course is designed to refocus the student on the consumer as the object of marketing programs. Social science concepts (from psychology, sociology, anthropology, and economics) are used to examine influences on consumer behavior, as well as to study the consumer decision process itself. Emphasis will be put on how marketers use this knowledge to develop their overall strategies.

Prerequisite: MRKT 365.

MRKT 471

Retail Management

3 Semester Hours

This course examines various aspects of retailing. The focus is on analyzing situations faced by a variety of managers in the effective distribution of goods and services.

Prerequisite: MRKT 365.

MRKT 472

Sales Management

3 Semester Hours

An examination of the sales function, encompassing both personal selling and sales management principles. This course emphasizes development of professional sales techniques as well as creation of sales objectives and strategies, selection, training, compensation and motivation of the sales force, and the use of technology in the contemporary sales function.

Prerequisite: MRKT 365.

MRKT 473

Marketing Law

3 Semester Hours

Focuses on the various legal constraints, problems, and ramifications which should be recognized and addressed by marketers during decision-making processes. This will explore the legal interaction of the marketer and the customer in the development of product, promotion, pricing, and distribution plans.

Prerequisites: BLAW 205 and MRKT 365.

MRKT 474

Competitive Strategy

3 Semester Hours

This course provides an in-depth analysis of competition and competitive strategy from both theoretical and applied perspectives. Competitive models, strategic metaphors, game-theory, product positioning, and competitive pricing strategy are explored in detail.

Prerequisite: MRKT 365.

MRKT 475

Marketing Planning

3 Semester Hours

Even the most experienced marketer would run into difficulties without a plan. A comprehensive marketing plan is essential for obtaining funding of an enterprise as well as for coordinating marketing efforts for that organization. This course encompasses a study of all of the elements of a successful marketing plan and entails the development of a finished plan by the students.

Prerequisite: MRKT 365.

MRKT 476**Entrepreneurial and Small Business Marketing***3 Semester Hours*

Whereas traditional marketing courses often assume that marketers are operating in a predictable environment with generous budgets, this course examines shoestring methods to be used under conditions of considerable uncertainty.

Prerequisite: MRKT 365.

MRKT 477**Brand Management***3 Semester Hours*

The objective of this course is to learn the decision-making processes used by product or brand managers with primary responsibility for the market success of the company's products and services, including environmental scanning and coordination of marketing activities for the firm's offerings.

Prerequisite: MRKT 365.

MRKT 478**Business to Business Marketing***3 Semester Hours*

The purpose of this course is to introduce students to business-to-business marketing by identifying the distinctive characteristics of the business market, exploring the way in which organizations make buying decisions, and isolating the requirements for marketing strategy success. The course also provides a vehicle for profiling leading business marketing firms and their marketing practices.

MRKT 498**Special Studies***1-3 Semester Hours*

MRKT 499**Independent Studies***1-3 Semester Hours*

Travel and Tourism

Director

Alan K. Hogenauer

Faculty

Associate Professor: Alan K. Hogenauer

Adjunct Professor: David Marchese

Objectives

Tourism is considered to be the largest industry in the world. It is also one of the fastest growing industries when all of its related business are included. Employment within this industry in the United States is estimated at over eight million people (Bureau of Economic Analysis, 2005).

The mission of the Center for Travel and Tourism in the College of Business Administration is to:

- Prepare graduates for leadership and professional positions in the tourism-travel industry;

- Provide service to the global economy by providing well-qualified, ethically sensitive graduates; and

- Generate new knowledge in the industry through research.

The courses are designed to build on the Business core curriculum, with advanced courses covering specific industry technologies, business practices, and operations. Students will be advised to consider related courses in the social sciences and modern languages to complement their studies in this area. **The Travel and Tourism Management concentration comprises 9 semester hours, including one approved internship.**

TOUR 380

Introduction to Travel and Tourism

3 Semester Hours

Provides a comprehensive overview of the global travel and tourism industry. Examines transportation (air, rail, cruise, and road), accommodations, attractions, and intermediaries (tour packagers, travel agencies, visitor bureaus, government tourist offices, travel literature and media) and their interaction. Also covers world destinations in the context of the above.

TOUR 381

Travel and Tourism Internship

1 Semester Hour (one internship required)

Provides a valuable learning experience relevant to the student's desired emphasis within the industry. Offered as a tri-partite arrangement that involves the student, a faculty mentor, and the course instructor, the internship provides unique, real-world work experience and networking opportunities.

TOUR 382

Marketing and Selling Travel and Tourism

3 Semester Hours

Provides an in-depth examination of travel and tourism marketing from both the supplier and destination perspectives. Case studies are extensively utilized to discuss product development, pricing management, sales strategies, service practices, promotion methods, and distribution channels, both personal and electronic.

Prerequisite: MRKT 365.

TOUR 383

Legal Foundations of Travel and Tourism

3 Semester Hours

Encompasses a comprehensive review of legal and regulatory issues in travel and tourism, including government regulation, the deregulation trend, unilateral/bilateral/multilateral agreements, and the legal liability of suppliers and intermediaries.

Prerequisite: BLAW 205.

TOUR 384

Financial Management in Travel and Tourism

3 Semester Hours

Examines in detail financial planning for selected segments of the industry. Covers both capital and operating aspects, including pricing, yield management, bidding, rebates, service fees, commissions, public and private capital programs, and short- and long-term investment strategies.

Prerequisite: FNCE 325.

TOUR 481

Strategic Management Seminar in Travel and Tourism

2 Semester Hours

This course requires the development of a comprehensive travel and tourism marketing or business plan on a topic of the student's choice, subject to instructor approval.

TOUR 482**Air Transportation in Travel and Tourism***2 Semester Hours*

Examines domestic and international air passenger transportation in greater detail, using case studies from all six populated continents.

TOUR 483**The Cruise Industry***2 Semester Hours*

Examines the cruise industry in greater detail, using case studies in the Caribbean, Mediterranean, Alaska, Panama Canal, and elsewhere.

The class may participate in an optional cruise during the course.

TOUR 484**Eco-Tourism***2 Semester Hours*

Examines the concept of eco-tourism, its historic foundations, and its present implementation in both developed and developing tourist economies, using case studies in the U.S., Costa Rica, Europe, Africa, Australia, Antarctica, and elsewhere.

TOUR 485**Field Experience/Familiarization Trips***2 Semester Hours*

Guided local and regional field trips to tourist attractions in both the U.S. and Mexico will serve as the basis for further understanding of the tourism industry.

TOUR 486**Gaming Industry Management***2 Semester Hours*

Examines the gaming industry worldwide, with focus on both established (Las Vegas, Monte Carlo, etc.) and emerging (Native American reservations, riverboats, etc.) destinations.

TOUR 487**Hospitality Management***2 Semester Hours*

Examines the nature of the hospitality industry in greater detail, focusing on both accommodations and food services.

TOUR 488**Human Resources in Travel and Tourism***2 Semester Hours*

Explores the role of human resources in the travel and tourism industry, including transnational employment, labor relations, and case studies of both successful and unsuccessful employment practices.

TOUR 489**Global Tourism Destinations***2 Semester Hours*

Provides a comprehensive overview of world tourism destinations, focusing on the principles of tourism planning to facilitate destination tourism growth including destination attractions, target markets, marketing techniques, and prospects—who travels there and why.

TOUR 492**Meeting and Convention Management***2 Semester Hours*

Examines in greater detail the nature of the meeting and convention components of the travel and tourism industry, focusing on the development of convention centers, the role of the meeting planner, and the role of convention and visitor bureaus.

TOUR 493**Road and Rail Transportation in Travel and Tourism***2 Semester Hours*

Examines in greater detail the role of surface transportation in travel and tourism, including highway networks, bus and rental car transportation, and both scheduled and seasonal tourist rail transportation.

TOUR 494**Services Enterprise Management***2 Semester Hours*

Explores in greater detail the management of the services enterprise, focusing on product planning, product implementation, financial analysis, and customer satisfaction measurement.

TOUR 495**Tourism and Travel Packaging and Management***2 Semester Hours*

Examines in greater detail the operation of the packager intermediary in travel and tourism, focusing on product

design, competition, and sales strategies.

TOUR 496

Travel and Tourism Information

1 Semester Hour

Examines in greater detail the role of technology in travel and tourism information, including CRS systems, the Internet, wireless innovations, and traditional personal contact in connection with technology.

TOUR 498

Special Studies

1-3 Semester Hours

Requires approval of the Director.

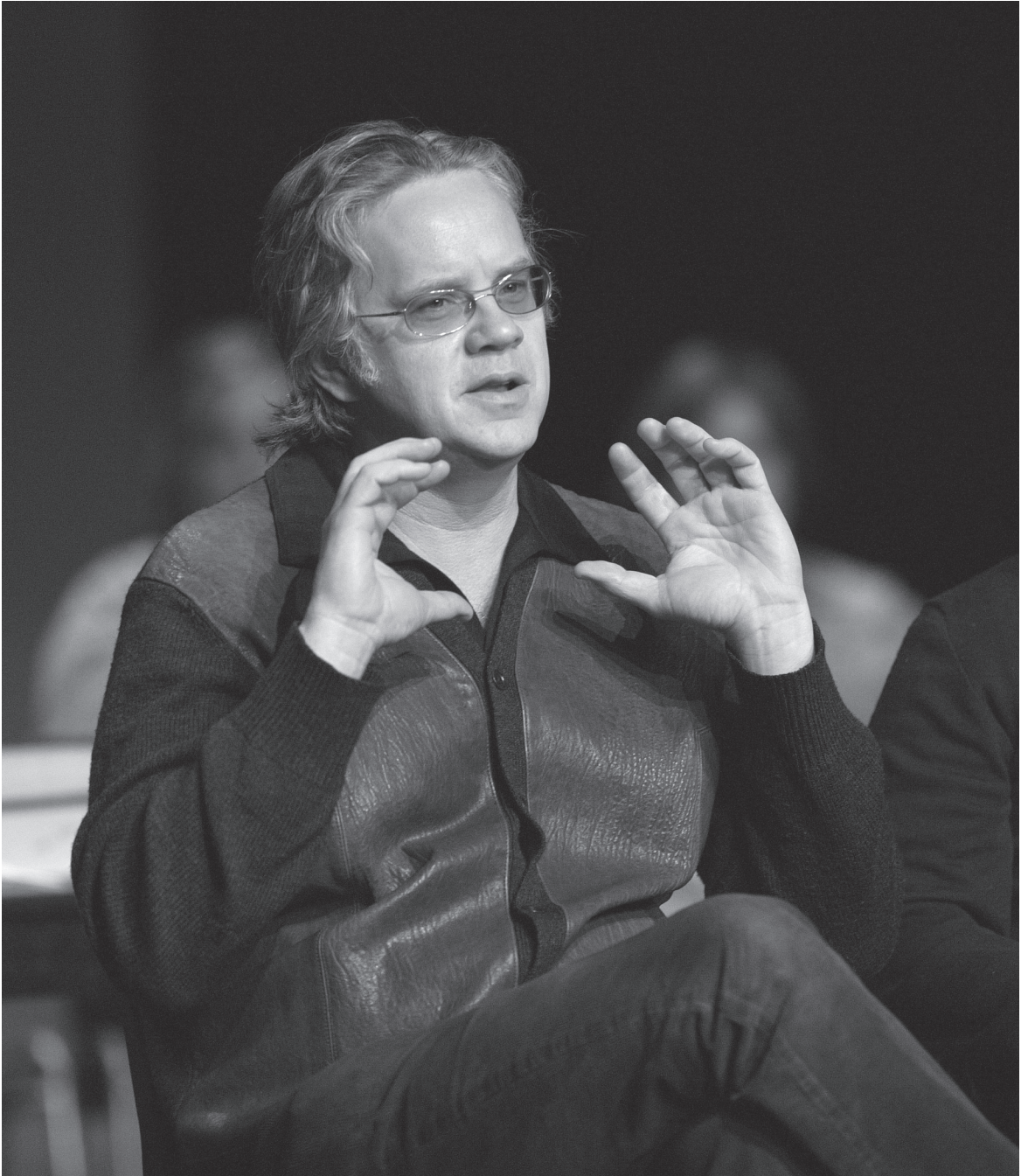
TOUR 499

Independent Studies

1-3 Semester Hours

Requires approval of the Director.

College of Communication and Fine Arts



College of Communication and Fine Arts

Administration

Dean: Barbara J. Busse
Associate Dean: Dean Scheibel

Mission of the College

Grounded in and sustained by a significant commitment to the liberal arts, the College of Communication and Fine Arts aims to promote the Mission of Loyola Marymount University in the following ways:

foster the encouragement of learning in all of our academic programs;

contribute in a distinctive way to the education of the whole person;

create in our own community and in the larger community beyond LMU the individual and collective resources and orientations that will allow us to create a more just world.

CFA's programs and curricula create an environment conducive to understanding the complex phenomena of art and art making as well as human communication in all manner of forms. Driven by a passionate commitment to study, understand, and experience human creative expression requires that we assist students and our various publics in adopting a critical and discerning orientation to all forms of human expression. We commit to develop the capacity to use human expression in ways that are life enhancing, promoting the common good and contributing to the full development of our students, faculty, staff, alumni, and those we serve beyond LMU.

Our undergraduate programs in Art and Art History, Communication Studies, Dance, Music, and Theatre Arts and our graduate program in Marital and Family Therapy foster deep inquiry into the processes and artifacts of human expression and their capacity to shape life's experiences, meanings, and expectations. We are intrigued by the ways in which art and communication reveal human interiority in all its mysterious and complex variety. Ultimately, our shared objective is to create and sustain a learning community composed of individuals, each more fully alive, more capable of experiencing life in all its complexity, in order to assist all to live more meaningful and productive lives.

Application of General University Requirements

The University requirements for admission, graduation, and all general rules and regulations of the University as set forth in this Bulletin are applicable to and binding upon all students enrolled in the College of Communication and Fine Arts.

Teacher Preparation Program

The College of Communication and Fine Arts offers a subject matter preparation program in art education specially designed to meet the State of California subject matter requirements for a secondary credential. The Bachelor of Arts degree with an emphasis in Art Education is designed to allow completion of the California Preliminary Single Subject (Secondary) credential in four years. This program is offered in conjunction with the School of Education. All students interested in teaching art at a secondary level should contact Teresa Lenihan as soon as possible and should also contact the School of Education to arrange a time to attend an Undergraduate Information Session.

College Curriculum

The curriculum of each department in the College of Communication and Fine Arts incorporates required courses in general education, major sequences, and elective courses which complement and enhance the student's major field of concentration.

Core Curriculum for the Baccalaureate Degree in the College of Communication and Fine Arts

American Cultures

3 Semester Hours

Course Selection

First- and second-year students choose from any lower division course listed or cross-listed as AMCS. Third- and fourth-year students choose from any upper division course listed or cross-listed as AMCS. A single course will generally not fulfill two core requirements. The only exception is a course that satisfies another core requirement which is also cross-listed as AMCS.

College Writing*3 Semester Hours*

Course Selection

ENGL 110 will fulfill the college writing requirement. ENGL 100 will not fulfill the college writing requirement but is required of certain students based on their performance in the essay written in all ENGL 110 sections during the first week of classes. A minimum grade of C (2.0) is required in ENGL 110. All students who receive a grade of C- or lower must retake ENGL 110 as soon as possible.

Choose: ENGL 110.

Communication or Critical Thinking*3 Semester Hours*

Course Selection

Communication: Choose from CMST 100, 110, 130, or 140.

OR

Critical Thinking: Choose from CMST 206, PHIL 220.

Communication Studies majors must choose CMST 100 or 206.

Critical and Creative Arts*6 Semester Hours*

Course Selection

This requirement is satisfied by taking one course from Critical Arts and one course from Creative Arts.

Critical Arts: Choose from ANIM 100; ARHS 200, 201, 202, 321, 340, 345; DANC 281, 381; FTVS 210, 314, 315; MUSC 102, 104, 303, 365; THEA 240, 245, 331, 336, 341, 346, 347, 348, 349, or 430.

Creative Arts: Choose from ANIM 120; ART 150, 151, 153, 278, 280, 350; DANC 163; ENGL 205, 311 (Prerequisite 201), 312 (Prerequisite 202); MUSC 105, 106, 107; PROD 200; SCWR 220; THEA 110, 400.

Courses must be taken outside of the student's major program of study.

History*6 Semester Hours*

Course Selection

This requirement is satisfied by taking one course from Western Civilization and one course from Contemporary Societies.

Western Civilization: Choose from HIST 100 or 101.

Contemporary Societies: Choose from HIST 152, 162, 172, 182, or 192.

Literature*3 Semester Hours*

Course Selection

Prerequisite: Successful completion of college writing requirement.

Choose from CLCV 200, 210, 220, 230; ENGL 130, 140, 150, 170; FNLT 180; THEA 240, 245, 331, 336, 341, 346, 347, 348, 349, or 430.

Mathematics*3 Semester Hours*

Course Selection

Choose MATH 102 or higher. Some majors require a specific mathematics course, which also fulfills this requirement.

Science and Technology*3 Semester Hours*

Course Selection

Choose one lower division course from a department other than Mathematics. Courses numbered 260-279 in each department of the Frank R. Seaver College of Science and Engineering are specifically designed for non-science majors. Choose from BIOL, CHEM, CMSI, ELEC, MECH, NTLS, or PHYS.

Philosophy*6 Semester Hours*

Course Selection

Lower Division:

Choose PHIL 160. Transfer students who enter LMU with a minimum of sixty (60) accepted transfer hours are exempted from the lower division requirement.

Upper Division:

Choose one PHIL course from 320 through 330.

Social Sciences

6 Semester Hours

Students must select one of the following options:

1. Two courses from ECON 100, 105, 110, 120; GEOG 100; POLS 135, 155; PSYC 100; SOCL 100 or 105. Courses must be from different departments.
2. One course from: AFAM 115, APAM 117, CHST 116, or WNST 100; and one course from ECON 100, 105, 110, 120; GEOG 100; POLS 135, 155; PSYC 100; SOCL 100 or 105.
3. Two courses from the same department. The first is selected from ECON 100, 105, 110, 120; GEOG 100; POLS 135, 155; PSYC 100; SOCL 100 or 105. The second course in the same department is selected from upper division courses that the student is qualified to take.

Theological Studies

6 Semester Hours

Course Selection

Lower Division:

Choose from the 100-level series of THST courses. Transfer students who enter LMU with a minimum of sixty (60) accepted transfer hours are exempted from the lower division requirement.

Upper Division:

Choose from the 300-level series of THST courses only.

Note: International/Global Studies

The current core curriculum includes many courses dealing with international and global studies. All students are required to complete HIST 100 or 101, which deal with European culture. In addition, it is recommended that students take additional core courses which include the study of European cultures such as: ARHS 200, 201, 202; CLCV 200, 210, 220; DANC 281; FILM 314; FNLT 180; MUSC 102; THEA 240, 245, 331, 336, 341; THST 320, 322, 331. To further augment the understanding of world cultures, it is recommended that students also choose at least one core course that includes the study of Africa, Asia, the Pacific, or Latin/Indigenous America. These core courses include: ARHS 321; DANC 381; HIST 172, 182; MUSC 303, 365; POLS 155; SOCL 105; THEA 348; THST 180, 381, 382, 383, 384, 385.

Recommendations

Students are encouraged to enrich their program of study with selected electives from the following areas. Consult the Bulletin for specific offerings.

Business

Students are encouraged to take a course in the issues of business. Consult the Bulletin listings.

Computer Skills

Students are expected to become proficient in computer skills. Courses or workshops may be taken to help students develop existing skills.

Foreign Language

Students are encouraged to study foreign languages to the intermediate level. LMU offers Chinese, Filipino, French, German, Greek (Modern and Classical), Italian, Japanese, Latin, and Spanish on a regular basis.

International/Global Studies

Students are encouraged to select elective courses that deal with international and/or global issues. Consult the Bulletin listings.

Study Abroad

A semester of international study abroad is also recommended. Consult the Study Abroad office.

Total Program

120 semester hours are required for graduation with the following distribution:

- a) a maximum of 36 upper division semester hours in any one department will be accepted toward the 120 semester hours requirement; and
- b) at least 45 semester hours are required from upper division offerings.

Students should consult the Dean's Office for specific policies applicable to the College of Communication and Fine Arts.

Individualized Study Program

Admission to the Individualized Study Program in Communication and Fine Arts requires:

1. a B (3.0) grade point average.
2. the submission of an Individualized Study Program form delineating courses and signed by the student's advisor and the chairperson of the advisor's department.
3. the submission by the advisor of a complete curriculum from an accredited college or university.
4. the signature of the Dean of the College.

All subsequent changes in the Individualized Study Program require points 2, 3, and 4 above.

Students registering for an Individualized Study Program are advised that their diploma and transcript will read "Individualized Study" and not the specific major they elect within that program.

Art and Art History

Faculty

Chairperson: Rev. Michael R. Tang
 Professors: Michael Brodsky, Jane Marie Brucker,
 Rudolf Fleck, Teresa Muñoz, Rev. Michael R. Tang
 Associate Professors: Katherine Anne Harper,
 Kirstin J. Noreen
 Assistant Professors: Yu (Han Dai) Day,
 Garland P. Kirkpatrick, Dmitry Kmelnitsky,
 Teresa I. Lenihan, Diane M. Meyer, Damon Willick

Objectives

The philosophy of the Department rests on the premise that its students should receive a broad education which combines creativity and scholarly study. Two majors are offered, Studio Arts and Art History. The foremost objective is to prepare the student intellectually and professionally for careers in studio arts and art history and/or graduate studies. Courses offered to undergraduate majors and non-majors stress the cultural value of the visual arts.

The Department is a fully accredited member of the National Association of Schools of Art and Design.

Semester Hours

For studio classes, a semester hour of credit, one unit, represents three hours of work each week. In lecture and seminar courses, an hour of credit represents one hour each week in class and two hours of work outside of class.

The Department of Art and Art History reserves the right to retain, display, use, and reproduce any student course work, including original work, a student has rendered or created for course credit; this material will be used solely for educational and University purposes, including without limitation for recruitment, display, and republication in University media and publications.

Art History Major

The major in Art History is designed to increase the student's understanding of the meaning and purpose of the arts, their historical development, their formal and expressive means, their role in society, and their relationship to other humanistic disciplines.

Goals for Art History Majors

We seek to expose students to diverse artistic traditions, providing a full understanding of the context of the works. In addition, we strive to develop in our students excellent research skills and a capacity for critical thinking and writing in preparation for graduate studies.

Major Requirements

Lower Division Requirements:

12 semester hours of lower division courses: ARHS 200, 201, 202; any 3 semester hours lower division Studio Arts course.

Upper Division Requirements:

30 semester hours of upper division courses, including ARHS 449.

Required: 6 semester hours of French or German recommended (6 semester hours from either: GRMN 101, 102, 203, 204 or FREN 101, 102, 203, 204). Other languages possible with advisor approval.

A minimum grade of C (2.0) must be obtained in each course included in the major requirements.

Minor Requirements

18 semester hours:

ARHS 200, 201, 202; and 9 semester hours in upper division courses selected under the direction of an advisor in the department. Studio Arts majors who elect an Art History minor are required to take the three upper division requirements and an additional 3 semester hours of upper division work for the total of 21 hours in the minor.

Recommended: ARHS 449.

Freshman Year

<i>Fall Semester</i>		S.H.
ARHS 200	Art of the Western World I.....	3
ENGL 110	College Writing	3
___	Foreign Language.....	3
___	Core	3
___	Core	3

<i>Spring Semester</i>		S.H.	<i>Spring Semester</i>		S.H.
ARHS 201	Art of the Western World II.....	3	ARHS ___	Upper Division.....	3
MATH 102	Quantitative Skills.....	3	ARHS ___	Upper Division.....	3
MATH 103	Quantitative Skills Lab.....	0	___ ___	Elective.....	3
___ ___	Foreign Language.....	3	___ ___	Elective.....	3
___ ___	Core.....	3	___ ___	Elective.....	3
___ ___	Core.....	3			___
		15			15

Sophomore Year

<i>Fall Semester</i>		S.H.	<i>Fall Semester</i>		S.H.
ART ___	Lower Division Art Elective.....	3	or ARHS 449	Jr./Sr. Seminar in ARHS.....	3
___ ___	Core.....	3	ARHS ___	Upper Division.....	(3)
___ ___	Core.....	3	ARHS ___	Upper Division.....	3
___ ___	Core.....	3	ARHS ___	Upper Division.....	3
___ ___	Core.....	3	___ ___	Elective.....	3
___ ___	Core.....	3	___ ___	Elective.....	3
		15			15

<i>Spring Semester</i>		S.H.	<i>Spring Semester</i>		S.H.
ARHS 202	Modernism.....	3	ARHS ___	Upper Division.....	3
ARHS ___	Upper Division.....	3	ARHS ___	Upper Division.....	3
___ ___	Core.....	3	___ ___	Elective.....	3
___ ___	Core.....	3	___ ___	Elective.....	3
___ ___	Core.....	3	___ ___	Elective.....	3
		15			15

Junior Year

<i>Fall Semester</i>		S.H.
or ARHS 449	Jr./Sr. Seminar in ARHS.....	3
ARHS ___	Upper Division.....	(3)
ARHS ___	Upper Division.....	3
___ ___	Core.....	3
___ ___	Core.....	3
___ ___	Core.....	3
		15

This schedule is typical. The sequence and choices of courses must be decided in consultation with an advisor.

Art History

ARHS 100

Art and Its Histories

3 Semester Hours

An introductory survey of the visual arts from the prehistoric to late 19th century.

Open to Studio Arts majors only.

ARHS 200

Art of the Western World I

3 Semester Hours

An introductory survey of the visual arts from the prehistoric through the early medieval periods.

ARHS 201

Art of the Western World II

3 Semester Hours

An introduction to painting and sculpture from the Late Medieval to the late 19th Century.

ARHS 202

Modernism

3 Semester Hours

Study of Modernism from Impressionism through Post-Modernism. Focus on artists, movements, art issues, theory, and practice in Europe, the United States, and Mexico.

ARHS 230

Multimedia Art Survey

3 Semester Hours

Critical and historical examination of multimedia arts through research, discussions, and presentations.

ARHS 302

Modern and Contemporary Art (for the Art Educator)

3 Semester Hours

Study of the Twentieth Century artists and movements in Europe and America from 1900 to the present. This course is designed to meet the needs of the Art Education Emphasis student.

ARHS 303

Arts of Ancient Greece

3 Semester Hours

A survey of Greek art from the Neolithic age through the Hellenistic period.

ARHS 304

Arts of Ancient Rome

3 Semester Hours

A survey of Roman art from the early days of the republic through the decline of the empire.

ARHS 306

Medieval Art

3 Semester Hours

A survey of the visual arts of the medieval period in Europe.

ARHS 310

Study in Florence: The Italian Renaissance

3 Semester Hours

Study of Italian Renaissance art and architecture in Florence and Tuscany.

ARHS 314

American Art

3 Semester Hours

Art in the United States from the colonial period to 1900.

ARHS 315

Nineteenth-Century European Art

3 Semester Hours

Study of the life and work of European painters and sculptors of the 19th century, from Neo-Classicism and Romanticism to Realism, Impressionism, and Post-Impressionism.

ARHS 320

The Arts of Islam

3 Semester Hours

Islamic arts of the Middle East and Persia from the 8th through the 19th centuries.

ARHS 321

Arts of Asia: Zen

3 Semester Hours

A survey of Buddhist arts with particular focus on the Zen sect and its concomitant arts (architecture, gardens, painting, tea ceremony, ceramics, flower arranging, and the martial arts).

ARHS 340

History of Photography

3 Semester Hours

A survey of photography as art from its invention to the present day. Emphasis is on 20th century developments and contemporary trends.

Recommended: ARHS 202.

ARHS 345**Modern and Contemporary Art Criticism***3 Semester Hours*

An examination of 20th and 21st century theory and practice.

Recommended: ARHS 202.

ARHS 360**History of Design***3 Semester Hours*

A survey of the history of design, including typographic design from the beginning of the age of print media to the present.

ARHS 410**Renaissance Arts: Italian and Northern***3 Semester Hours*

Selected topics in Renaissance art.

ARHS 413**Baroque Art***3 Semester Hours*

Selected topics in European art of the 17th century.

ARHS 415**Impressionism***3 Semester Hours*

Study of French Impressionist artists with special attention to the artistic, social, cultural, and critical construction of modernism and modernity.

ARHS 418**American Art 1900-1940***3 Semester Hours*

Study of realism, modernism, and regionalism with emphasis on the work of such artists as Sloan, Bellows, O'Keeffe, Marsh, and Hopper.

ARHS 419**Contemporary Art***3 Semester Hours*

An exploration of new directions in American and European Art since 1960, including current art in Los Angeles.

Recommended: ARHS 202.

ARHS 420**The Arts of Early India***3 Semester Hours*

Painting, sculpture, and architecture of India: Buddhist, Hindu, and Jain arts through the medieval period.

ARHS 421**The Arts of Later India***3 Semester Hours*

Painting and architecture of the Moguls, Rajput kingdoms, the British Raj, and contemporary India: 16th through 20th centuries.

ARHS 425**The Arts of China***3 Semester Hours*

The painting, sculpture, and architecture of China from the neolithic period through the Ch'ing Dynasty.

ARHS 428**The Arts of Japan***3 Semester Hours*

The painting, sculpture, and architecture of Japan from prehistoric times through the 19th century.

ARHS 445**Museum/Gallery Internship I***3 Semester Hours*

A directed internship in museum or gallery education, curatorial work, registration, public relations, or installation design. Individual placements are made on the basis of the student's academic background and professional goals. Majors only.

Prerequisite: Consent of instructor.

ARHS 446**Museum/Gallery Internship II***3 Semester Hours*

Advanced professional experience in a museum or gallery.

Majors only.

Prerequisites: ARHS 445, senior standing, and consent of instructors in the semester prior to registration.

Written consent of instructor required to repeat the course.

ARHS 447**LA Now***3 Semester Hours*

Internationally recognized practicing artists, designers, critics, and curators talk about their work, ideas, practices, and processes.

Recommended: ARHS 202 or 419.

ARHS 449

Junior/Senior Seminar in Art History

3 Semester Hours

Examination of art historical problems and ideas, emphasizing the methodological and scholarly processes of art history.

Prerequisite: Consent of instructor.

ARHS 494

Curatorial Practices

3 Semester Hours

Study of the professional aspects of museum and gallery work including exhibition preparation, design, and the curatorial process.

Prerequisite: ARHS 202.

ARHS 498

Special Studies

3 Semester Hours

ARHS 499

Independent Studies

1-3 Semester Hours

Prerequisite: Senior standing.

Studio Arts Major

This program of study provides a broad foundation in fundamental techniques and concepts and permits each individual to experience the possibilities of creative expression and to develop an understanding of art as a key to cultural awareness. Students in Studio Arts are expected to engage in studio work in addition to scheduled class time. Most studios are open to enrolled students outside of class time on a 24-hour basis. At the end of the sophomore year, students are required to declare an Art Education, Fine Arts, Graphic Design, or Multimedia Arts Emphasis.

A minimum grade of C (2.0) must be obtained in each course included in the major requirements.

Art Education Emphasis

The Art Education Emphasis provides experience in the studio arts and art history appropriate for those interested in pursuing teaching careers. Students interested in art education are encouraged to pursue either an Art Education Emphasis or an Art Education Emphasis with State of California Secondary Teaching Credential. Students who seek graduation with an Art Education Emphasis and a teaching credential should ideally declare the Art Education Emphasis as a freshman.

Major Requirements

The Art Education Emphasis is in the process of being revised based on the new Standards of Quality and Effectiveness for Subject Matter Programs of the Commission on Teacher Credentialing. The new program will start Fall 2007. For candidates starting their program on or after Fall 2007, please consult the Art Education Coordinator. Courses listed here represent the types of program requirements during past years.

Core Requirements

Consult with the Art Education Coordinator for Core recommendations. HIST 162 or POLS 135 required for students pursuing a teaching credential and recommended for all Art Education Emphasis students.

Lower Division Requirements:

24 semester hours of lower division courses: ART 153, 160, 257, 260, 275 or 276, 278; ARHS 200, 201. (Note: ARHS 200 or 201 also satisfies Critical Arts Core, and ART 153 satisfies Creative Arts Core.)

Upper Division Requirements:

27 semester hours of upper division courses: ART 351, 397 in the Junior year, 450, and 12 units of upper division ART electives; ARHS 302, and an upper division non-Western Art History Elective (ARHS 320, 321, 420, 421, 425, 428), or any non-Western ARHS 398 or 498 course.

The following education course requirements apply ONLY to those students who entered LMU after Spring 2003.

- EDUC 400 Sociocultural Analysis of Education*
- EDUC 401 Educational Psychology for the Childhood and Adolescent Years*
- EDUC 412 Fieldwork: Secondary Directed Teaching
- EDUC 414 Theories of Second Language Acquisition*
- EDUC 425 EDL Methods and SDAIE
- EDUC 428 Reading/Language Arts for the Single Subject
- EDUC 440 Education of Culturally and Linguistically Diverse Students with Exceptional Needs*

* Prerequisite courses along with these additional requirements are necessary for applying to the School of Education to earn the State of California Teaching Credential:

- U.S. Constitution Requirement (HIST 162 or POLS 135);
- CBEST Test;
- 20 hours of grade-level instruction (letter from ArtSmart Program Director);
- Health Education Course (EDUC 8000);
- Technology Requirement (self-verification form);
- See School of Education listing for additional requirements.

Art Education Emphasis

Freshman Year

<i>Fall Semester</i>		S.H.
ART 153	Drawing I (Satisfies Creative Arts Core)	3
ART 160	2D Design.....	3
ENGL 110	College Writing	3
— —	Core	3
— —	Core	3
		15
<i>Spring Semester</i>		S.H.
ART 260	Computer Graphics I	3
ARHS 200	Art of the Western World I (Satisfies Critical Arts Core)	3
or		
ARHS 201	Art of the Western World II (Satisfies Critical Arts Core)	(3)
MATH 102	Quantitative Skills	3
MATH 103	Quantitative Skills Lab.....	0
— —	Core	3
— —	Core	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
ART 257	Painting I	3
or		
ART 275	Three Dimensional Design	3
ART 276	Ceramic Sculpture.....	(3)
or		
ARHS 200	Art of the Western World I.....	3
ARHS 201	Art of the Western World II.....	(3)
— —	Core	3
— —	Core	3
		15
<i>Spring Semester</i>		S.H.
ART 278	Ceramics I	3
ART 351	Media and Methods	3
— —	Core	3
— —	Core	3
— —	Elective.....	3
		15

Junior Year

<i>Fall Semester</i>		S.H.
ART 397	Professional Practices Studio Arts	3
ART ___	Upper Division Studio Art Elective....	3
ARHS 302	Modern & Contemporary Art (for the Art Educator)	3
___ ___	Core	3
___ ___	Core	3
		15
<i>Spring Semester</i>		S.H.
ART ___	Upper Division Studio Art Elective....	3
___ ___	Core	3
___ ___	Core	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		15

Senior Year

<i>Fall Semester</i>		S.H.
ART ___	Upper Division Studio Art Elective....	3
ARHS ___	Select One: non-Western 320, 321, 398, 420, 421, 425, 428, 498	3
___ ___	Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		15
<i>Spring Semester</i>		S.H.
ART 450	Seminar in Art Education	3
ART ___	Upper Division Studio Art Elective....	3
___ ___	Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		15

Art Education Emphasis with State of California Secondary Teaching Credential

Freshman Year

<i>Fall Semester</i>		S.H.
ART 153	Drawing I (Satisfies Creative Arts Core)	3
ART 160	2D Design.....	3
ENGL 110	College Writing	3
___ ___	Core	3
___ ___	Core	3
		15
<i>Spring Semester</i>		S.H.
ART 260	Computer Graphics I	3
ARHS 200	Art of the Western World I (Satisfies Critical Arts Core)	3
or		
ARHS 201	Art of the Western World II (Satisfies Critical Arts Core)	(3)
MATH 102	Quantitative Skills	3
MATH 103	Quantitative Skills Lab.....	0
___ ___	Core	3
___ ___	Core	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
ART 257	Painting I	3
or		
ART 275	Three Dimensional Design	3
or		
ART 276	Ceramic Sculpture.....	(3)
ARHS 200	Art of the Western World I.....	3
or		
ARHS 201	Art of the Western World II.....	(3)
EDUC 401	Ed Psych Chldhd & Adol Yrs	3
___ ___	Core	3
		15

This schedule is typical. The sequence and choices of courses must be decided in consultation with an advisor.

<i>Spring Semester</i>		S.H.
ART 278	Ceramics I	3
ART 351	Media and Methods	3
EDUC 400	Sociocultural Analysis of Educ	3
HIST 162	Contemporary America	3
or POLS 135	Contemp. Amer. Politics..... (3)	
___ ___	Core	3
		15

Junior Year

<i>Fall Semester</i>		S.H.
ART 397	Professional Practices Studio Arts	3
ART ___	Upper Division Studio Art Elective....	3
ARHS 302	Modern & Contemporary Art (for the Art Educator)	3
EDUC 414	Theories of 2nd Language Acq.....	3
EDUC 440	Intro/Exceptional Needs	3
___ ___	Core	3
		18

<i>Spring Semester</i>		S.H.
ART 450	Seminar in Art Education	3
ART ___	Upper Division Studio Art Elective....	3
EDUC 428	Reading/Language Arts	3
___ ___	Core	3
___ ___	Core	3
		15

Senior Year

<i>Fall Semester</i>		S.H.
ART ___	Upper Division Studio Art Elective....	3
ARHS ___	Select One: non-Western 320, 321, 398, 420, 425, 428, 498	3
EDUC 425	EDL Methods and SDAIE	3
___ ___	Core	3
___ ___	Core	3
		15

<i>Spring Semester</i>		S.H.
ART ___	UD Studio Art Elective.....	3
EDUC 412	Fieldwork: Sec. Dir. Tchng.....	9
		12

This schedule is typical. The sequence and choices of courses must be decided in consultation with an advisor.

Additional education courses are required for those students who plan to complete the State of California Secondary Teaching Credential. Additionally, prerequisite courses are required along with these additional requirements and are necessary for applying to the School of Education to earn the State of California Teaching Credential.

Courses listed here represent the types of program requirements during past years. Currently, both the Art Education Emphasis and the Art Education Emphasis with State of California Secondary Teaching Credential are under review. All students interested in art education are required to consult closely with the CFA Dean's office, the Art Education Coordinator, and the School of Education for the updated program requirements. Consultation is critical to insure timely completion of the programs. Additionally, students should contact the School of Education to arrange a time to attend an Undergraduate Information Session.

Fine Arts Emphasis

Major Requirements

Lower Division Requirements:

27 semester hours of lower division courses: ART 153, 154, 160, 257 or 280 or 278 or 285, 260, 275 or 276; ARHS 200, 201, 202.

Upper Division Requirements:

27 semester hours of upper division courses: ART 356 or 380, 385 or 387; 397 in the Junior year; 453 or 454, 497; and an upper division non-Western Art History Elective (ARHS 320, 321, 420, 421, 425, 428), or any non-Western ARHS 398 or 498 course.

Freshman Year

<i>Fall Semester</i>		S.H.
ART 153	Drawing I	3
ART 160	2D Design.....	3
ENGL 110	College Writing	3
___ ___	Core	3
___ ___	Core	3

<i>Spring Semester</i>		S.H.
ART 154	Drawing II	3
ARHS 200	Art of the Western World I.....	3
MATH 102	Quantitative Skills	3
MATH 103	Quantitative Skills Lab.....	0
___ ___	Core	3
___ ___	Core	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
or ART 257	Painting I	3
or ART 278	Ceramics I	(3)
or ART 280	Photography I.....	(3)
ART 285	Intro to Printmaking	(3)
or ART 260	Computer Graphics I	3
___ ___	Core	(3)
ARHS 201	Art of the Western World II.....	3
___ ___	Core	3
___ ___	Core	3
		15

<i>Spring Semester</i>		S.H.
or ART 260	Computer Graphics I	3
___ ___	Core	(3)
or ART 275	Three Dimensional Design	3
ART 276	Ceramic Sculpture.....	(3)
ARHS 202	Modern Art.....	3
___ ___	Core	3
___ ___	Core	3
		15

Junior Year

<i>Fall Semester</i>		S.H.
ART 397	Professional Practices Studio Arts	3
or ART 453	Drawing III: Formal Issues.....	3
ART 454	Drawing IV: Figure Comp	(3)
ARHS ___	Select One: non-Western 320, 321, 398, 420, 421, 425, 428, 498	3
___ ___	Core	3
___ ___	Core	3
		15

<i>Spring Semester</i>		S.H.
ART 356	Painting II	3
or ART 380	Photography II.....	(3)
ART 385	Relief Printmaking.....	3
or ART 387	Silkscreen Printmaking	(3)
___ ___	Core	3
___ ___	Core	3
___ ___	Core	3
		15

Senior Year

<i>Fall Semester</i>		S.H.
ART ___	Art Elective	3
ART ___	Art Elective	3
___ ___	Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		15
<i>Spring Semester</i>		S.H.
ART 497	Senior Thesis.....	3
ART ___	Art Elective	3
___ ___	Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		15

This schedule is typical. The sequence and choices of courses must be decided in consultation with an advisor.

Graphic Design Emphasis

Designers are visual communicators who use words and images to capture our attention and imagination in a spectrum of media. From advertising to books, posters, film titles, and websites, design surrounds us. The graphic design area prepares students to envision the future of this commercial, social, and public medium.

In the sophomore year students begin by developing a strong foundation in visual literacy. In the junior year students begin an intensive study of typography and graphic design. In the senior year students deepen their understanding of graphic design practices which culminates in a relevant body of work that comprises their portfolio.

Major Requirements

Lower Division Requirements:

27 semester hours of lower division courses: ART 153, 154, 160, 257 or 280, 260, 275 or 276; ARHS 200, 201, 202.

Upper Division Requirements:

30 semester hours of upper division courses: ART 360, 368, 369; 396 in the Junior year; 460, 468; ARHS 360, an upper division non-Western Art History (ARHS 320, 321, 420, 421, 425, 428), or any non-Western ARHS 398 or 498 course, and two courses selected from the Intensive Professional Track.

Intensive Professional Track:

This spectrum of studio electives is designed to broaden the outlook on the design professions. The following courses should be selected in consultation with an advisor: ART 362, 364, 365, 366, 367, 374, 382, 388, and 495.

Freshman Year

<i>Fall Semester</i>		S.H.
ART 153	Drawing I.....	3
ART 160	2D Design.....	3
ENGL 110	College Writing.....	3
___	Core.....	3
___	Core.....	3
		15

<i>Spring Semester</i>		S.H.
ART 154	Drawing II.....	3
ARHS 200	Art of the Western World I.....	3
MATH 102	Quantitative Skills.....	3
MATH 103	Quantitative Skills Lab.....	0
___	Core.....	3
___	Core.....	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
or ART 257	Painting I.....	3
ART 280	Photography I.....	(3)
ART 260	Computer Graphics I.....	3
or ___	Core.....	(3)
ARHS 201	Art of the Western World II.....	3
___	Core.....	3
___	Core.....	3
		15

<i>Spring Semester</i>		S.H.
ART 260	Computer Graphics I.....	3
or ___	Core.....	(3)
ART 275	Three Dimensional Design.....	3
or ART 276	Ceramic Sculpture.....	(3)
ARHS 202	Modern Art.....	3
___	Core.....	3
___	Core.....	3
		15

Junior Year

<i>Fall Semester</i>		S.H.
ART 368	Typography I.....	3
ART ___	Elective from Professional Track.....	3
___	Core.....	3
___	Core.....	3
___	Core.....	3
		15

<i>Spring Semester</i>		S.H.
ART 360	Graphic Design	3
ART 369	Design and Pre-press.....	3
ART 396	Prof Practices in Graphic Design	3
ARHS ____	Upper division non-Western Art History or any non-Western ARHS 398 or 498 course	3
____ ____	Core	3
		15

Senior Year

<i>Fall Semester</i>		S.H.
ART 460	Graphic Design II	3
or ART 468	Typography II	(3)
ART ____	Elective from Professional Track.....	3
____ ____	Core	3
____ ____	Elective.....	3
____ ____	Elective.....	3
		15

<i>Spring Semester</i>		S.H.
ARHS 360	History of Design	3
or ART 460	Graphic Design II	3
ART 468	Typography II	(3)
____ ____	Elective.....	3
____ ____	Elective.....	3
____ ____	Elective.....	3
		15

This schedule is typical. The sequence and choices of courses must be decided in consultation with an advisor.

Multimedia Arts Emphasis

Major Requirements

Lower Division Requirements:

21 semester hours of lower division courses: ART 160, 260; ARHS 202, 230; CMSI 182.

Students who elect a Multimedia emphasis are interested in a future of authoring and designing in a world of new media and emerging technologies. This Emphasis provides a strong foundation in the visual arts and understanding of critical theory, with the addition of computer science for a solid grasp of underlying technologies. The career outlook for students in all areas of visual communication is very encouraging. A Multimedia student at Loyola Marymount has the flexibility to concentrate in one of the following areas, and to hone in their creative and professional interests: TEXT, IMAGE, SOUND, or MOTION.

Students choose a concentration in Text, Image, Sound, or Motion, then choose both lower and upper division courses from within that same concentration. In consultation with an advisor, students may select an individualized option in Multimedia Arts Concentrations.

Text: ARHS 200, 201; ENGL 201, 202; SCWR 220.

Image: ART 153, 154, 257, 280; PROD 200, 250.

Sound: MUSC 102, 104, 105, 106, 107; RECA 250; THEA 110, 210.

Motion: ANIM 120, 220; DANC 160, 163; PROD 200, 250.

Upper Division Requirements:

33 semester hours of upper division courses: ART 363, 366, 367, 374, 382, 494; ARHS 340 or 360 or 419; CMSI 461, 462.

Choose two courses from one of the following concentrations: Text, Image, Sound, or Motion below. In consultation with an advisor, students may select an Individualized option in Multimedia Arts concentrations.

Text: ARHS 340, 345, 360; ART 360, 362, 368; CMST 301, 310; ENGL 311, 312; SCWR 320; THEA 400.

Image: ART 356, 360, 362, 365, 368, 380, 453 or 454, 481; FILM 366; TVPD 345, 346.

Sound: MUSC 303, 304, 316, 317, 318; RECA 367; THEA 312, 314.

Motion: ANIM 320, 330; DANC 381, 397; PROD 365, 366.

Recommended Courses

It is also recommended that the student take additional courses in Animation, Studio Arts, Art History, Communication Arts, and Computer Science.

Freshman Year

<i>Fall Semester</i>		S.H.
ART 160	2D Design.....	3
ENGL 110	College Writing.....	3
___ ___	Core.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		15

<i>Spring Semester</i>		S.H.
CMSI 182	Intro. Computer Science	3
MATH 102	Quantitative Skills.....	3
MATH 103	Quantitative Skills Lab.....	0
___ ___	Core.....	3
___ ___	Core.....	3
___ ___	Elective.....	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
ART 260	Computer Graphics I	3
ARHS 202	Modernism.....	3
___ ___	Concentration (LD).....	3
___ ___	Core.....	3
___ ___	Core.....	3
		15

<i>Spring Semester</i>		S.H.
ARHS 230	Multimedia Arts Survey	3
___ ___	Concentration (LD).....	3
___ ___	Core.....	3
___ ___	Core.....	3
___ ___	Elective.....	3
		15

Junior Year

<i>Fall Semester</i>		S.H.
ART 366	Multimedia Computer Arts	3
or ARHS 340	History of Photography.....	3
or ARHS 360	History of Design	(3)
ARHS 419	Contemporary Art	(3)
___ ___	Concentration (UD)	3
___ ___	Core.....	3
___ ___	Core.....	3
		15

<i>Spring Semester</i>		S.H.
ART 363	Digital Toolbox for Text, Image, Sound, & Motion	3
ART 367	Online Computer Art	3
ART 382	Digital Photography.....	3
___ ___	Core.....	3
___ ___	Core.....	3
		15

Senior Year

<i>Fall Semester</i>		S.H.
ART 374	Motion Graphics	3
CMSI 461	Multimedia Design	3
___ ___	Concentration (UD)	3
___ ___	Core.....	3
___ ___	Core.....	3
		15

<i>Spring Semester</i>		S.H.
ART	494	Multimedia Internship 3
CMSI	462	Multimedia Production 3
—	—	Core 3
—	—	Elective..... 3
—	—	Elective..... 3
		15

This schedule is typical. The sequence and choices of courses must be decided in consultation with an advisor.

Minor Requirements

18 semester hours:

ART 153 or 160, and 15 semester hours of Studio Arts electives with at least 6 semester hours in upper division courses.

Studio Arts

ART 150 Introduction to Studio Arts 3 Semester Hours

Open to non-Studio Arts majors only.

Exploration of the materials, techniques, and inspiration of the artist in the media of drawing, painting, printmaking, sculpture, and two- and three-dimensional design.

ART 151 Introduction to Drawing and Printmaking 3 Semester Hours

Open to non-Studio Arts majors only.

Development of basic drawing skills in various media and the exploration of printmaking techniques.

ART 153 Drawing I 3 Semester Hours

An introduction to drawing and the development of visual awareness. Experimentation and exploration of technique developed through a variety of subject matter. Varied media, including pencil, charcoal, ink, and conte.

ART 154 Drawing II: Figure Drawing 3 Semester Hours

Development of technique and principles used in Drawing I, ART 153, with emphasis placed on working from the figure and anatomy.

Prerequisite: ART 153.

ART 160 Two-Dimensional Design 3 Semester Hours

Examination of the basic elements of two-dimensional design emphasizing the conceptual process and utilizing various media and techniques.

ART 200 Figure Drawing Workshop I 1 Semester Hour

A studio workshop for art and animation majors with emphasis placed on working from the figure and anatomy.

May be repeated once for degree credit.

Prerequisites: ART 153 and 154, or consent of instructor.

ART 201**Figure Drawing Workshop II***1 Semester Hour*

Continuation of a studio workshop for art and animation majors with emphasis placed on working from the figure and anatomy.

May be repeated once for degree credit.

Prerequisites: ART 153 and 154, or consent of instructor.

ART 250**Visual Arts for the Elementary Teacher***3 Semester Hours*

Designed to develop the visual arts for the Liberal Studies student. Emphasizes media, techniques, art history, and studio art fundamentals. Students will complete a teaching portfolio. Participation in the ArtSmart Program is required.

Liberal Studies majors only.

ART 257**Painting I***3 Semester Hours*

Study of basic theoretical methods and techniques as applied to both representation and abstraction. Acrylic paints will be utilized.

Prerequisite: ART 153, 160, or consent of instructor.

ART 260**Computer Graphics I***3 Semester Hours*

Introduction to principles and practices of electronic imaging as they apply to graphics, art, and design.

Recommended: ART 160.

ART 275**Three-Dimensional Design***3 Semester Hours*

Examination of the basic elements of three-dimensional design emphasizing the conceptual process and utilizing various media.

Prerequisite: ART 160 or consent of instructor.

ART 276**Ceramic Sculpture***3 Semester Hours*

Examination of ceramics as a sculptural medium. Students will explore technical and conceptual processes of ceramics. While clay is the focus, other materials will be utilized.

ART 278**Ceramics I***3 Semester Hours*

Basic techniques of hand building and throwing on the potter's wheel integrated with aesthetic exploration through various projects.

ART 280**Photography I***3 Semester Hours*

Photography as a medium of personal and artistic expression. Creativity is stressed. Camera, darkroom, and presentation fundamentals. Student must have a 35mm single lens reflex camera.

ART 285**Introduction to Printmaking***3 Semester Hours*

Introduction to the basic printmaking and transfer processes, using monoprinting, linocuts, woodcuts, drypoints, water etchings, and collagraphs. Both black and white and multicolor images will be produced.

Recommended: ART 151, 153, 160.

ART 290**Multimedia Survey***3 Semester Hours*

Critical and historical examination of multimedia arts through research, discussions, and presentations.

ART 298**Special Studies***1-3 Semester Hours***ART 299****Independent Studies***1-3 Semester Hours***ART 300****Figure Workshop I***1 Semester Hour*

A studio workshop for art and animation majors with emphasis placed on working from the figure and anatomy.

May be repeated once for degree credit.

Prerequisites: ART 153 and 154, or consent of instructor.

ART 301
Figure Workshop II
1 Semester Hour

Continuation of a studio workshop for art and animation majors with emphasis placed on working from the figure and anatomy.

May be repeated once for degree credit.

Prerequisites: ART 153 and 154, or consent of instructor.

ART 350
Visual Thinking
3 Semester Hours

This course promotes concept development and creative thinking. Visual problem solving and projects will be based on a concern for how each person examines and explores, ultimately interprets and recreates the world around them.

ART 351
Media and Methods: Contemporary Craft
3 Semester Hours

Methods and techniques for creating expression in printmaking and crafts including fibers and wearable art, and techniques using wood, glass, metal, and found objects.

Required for Art Education Emphasis majors.

Prerequisites: ART 153 and 160. Majors only.

ART 353
Advanced Figure Composition
3 Semester Hours

This course promotes concept development and psychological possibilities inherent in the human form. Using a variety of media, it explores anatomical structure, imaginative composition, and perspective.

May be repeated for degree credit.

Prerequisites: ART 153 and 154, or consent of instructor.

ART 356
Painting II
3 Semester Hours

A continuation of theoretical methods and techniques used in Painting I, ART 257. Emphasis is on color, materials, and individual concept development. A variety of media will be utilized.

Prerequisites: ART 153, 160, and 257, or consent of instructor.

ART 358
Painting III
3 Semester Hours

A continuation of Painting II, ART 356. Emphasis is on color, materials, and individual concept development. May be repeated for degree credit with consent of instructor.

Prerequisite: ART 356 or consent of instructor.

ART 359
Mural Painting
3 Semester Hours

Emphasis on student collaboration in the process and execution of large-scale paintings and public mural projects.

May be repeated for degree credit with consent of instructor.

ART 360
Graphic Design I
3 Semester Hours

The application of the basic principles of graphic design and visual problem solving in the creation of effective visual communications. Projects emphasize the uses of metaphor, typography, symbol, and image-making in communication design.

Prerequisites: ART 160, 260, and 368; recommended: ART 369; Junior standing.

ART 361
Product and Packaging Design
3 Semester Hours

The application of design principles and marketing concepts in the development of products and packaging.

Prerequisites: ART 160, 260, 360, and 368.

ART 362
Advertising Design
3 Semester Hours

The application of design principles and marketing concepts in the development of advertising campaigns and collateral materials.

May be repeated for degree credit.

Prerequisites: ART 160 and 260; Junior standing.

ART 363
3D Digital Toolbox
3 Semester Hours

Survey of concepts and processes utilized in the production of artworks with 3D digital software applications. Study of computer techniques integrating digital processing into the creative process.

May be repeated for degree credit.

Prerequisites: ART 160 and 260.

ART 364
Digital Illustration
3 Semester Hours

The integration of illustration practices, design principles, and conceptual problem solving procedures in the creation of illustrations for editorial designs, book jackets, and advertising. Illustrations are computer assisted or computer generated in black and white and in color.

May be repeated for degree credit.

Prerequisites: ART 153, 160, and 260.

ART 365
Illustration
3 Semester Hours

The integration of illustration practices, design principles, and conceptual problem-solving procedures in the creation of illustrations for editorial designs, book jackets, and advertising art. Illustrations are conceived of by conventional means.

May be repeated for degree credit.

Prerequisites: ART 153, 160, and 260; Junior standing.

ART 366
Multimedia Computer Arts
3 Semester Hours

Explorations of interactive computer multimedia technologies with emphasis on the development of personal artistic expression.

May be repeated twice for degree credit.

Prerequisite: ART 260.

ART 367
Online Computer Arts
3 Semester Hours

An emphasis on a working expertise in graphics, art, design, and aesthetics as they apply to interactive web authoring. This course will also utilize interactive linkages to a larger virtual arts community.

May be repeated for degree credit.

Prerequisites: ART 160 and 260.

ART 368
Typography I
3 Semester Hours

An introduction to the basic principles of typography in both the historical and contemporary practice of communication design. Course emphasizes type anatomy as well as how type works as a compositional element in the creation of effective visual communication.

Prerequisites: ART 160 and 260; recommended: ART 369; Junior standing.

ART 369
Design and Pre-press
3 Semester Hours

The integration of design, pre-press planning, and problem solving practices.

Prerequisites: ART 160 and 260; Junior standing.

ART 370
Beginning Wheel Throwing
3 Semester Hours

Introduction to throwing, glazing, and firing at several temperature levels with the aim of developing skills to enhance the student's artistic voice in the contemporary clay context.

ART 371
Advanced Wheel Throwing
1-3 Semester Hours

Advanced work with wheel thrown forms with the aim of developing a thematic body of creative work in clay.

May be repeated for degree credit.

Prerequisite: ART 370.

ART 372

Jewelry I

3 Semester Hours

A basic jewelry course with an emphasis on creative design and various techniques including fabrication, soldering, forging, wax working, and casting. Also includes bezel stone setting.

ART 373

Jewelry II

3 Semester Hours

Advanced jewelry making with an emphasis on creative design and exploration of various techniques such as fabrication, casting, rolling mill texturing, hydraulic press forming, enameling processes, and the setting of faceted stones. Also an introduction to larger scale, sculptural design.

Prerequisite: ART 372.

ART 374

Motion Graphics

3 Semester Hours

Advanced multimedia-oriented design concepts of the “on-screen” motion graphics and interactive presentations of images, text, motion, and sound.

May be repeated for degree credit.

Prerequisites: ART 160 and 260.

ART 375

Figure Sculpture

3 Semester Hours

Modeling of the human figure with an emphasis on anatomy, leading to the extension of the figure as image.

May be repeated for degree credit with consent of instructor.

ART 376

Sculpture Workshop

3 Semester Hours

Advanced exploration of sculptural problems, techniques, and concepts using a variety of materials.

May be repeated for degree credit with consent of instructor.

Prerequisite: ART 275 or consent of instructor.

ART 378

Drawing and Clay

3 Semester Hours

Emphasis on the surface treatment of ceramic work incorporating drawing, painting, and printmaking techniques.

May be repeated for degree credit with consent of instructor.

ART 380

Photography II

3 Semester Hours

Exploration of advanced concepts of photography as applied to the development of personal expression. Topics of study change each semester.

May be repeated for degree credit with consent of instructor.

Prerequisite: ART 280.

ART 382

Digital Photography

3 Semester Hours

An emphasis on a working expertise in digital imaging, technologies utilizing Adobe Photoshop for image creation, manipulation, with input and output to various media.

May be repeated for degree credit.

Prerequisite: ART 260 or consent of instructor; recommended: ART 280.

ART 385

Relief Printmaking

3 Semester Hours

Exploration of relief printing, photo-etching, and monotype processes. Graphic image making will be pursued through multiprintings. Personal visual development, technical skill, and conceptual development will be emphasized.

Recommended: ART 151 or 285, or consent of instructor.

ART 386

Etching Printmaking

3 Semester Hours

Process using etching, aquatint, and other incising techniques on metal plates. Emphasis on black and white images with an introduction to multicolor printing.

May be repeated for degree credit.

Recommended: ART 151, 280, 285.

ART 387**Silkscreen Printmaking***3 Semester Hours*

Introduction to the use of serigraphy to create posters and fine art prints. Handcut, handpainted, and photographic techniques will be used. The emphasis is on the development of personal expression in the creation of multicolor prints.

May be repeated for degree credit.

Recommended: ART 160 and 280.

ART 388**Screen Printing***3 Semester Hours*

Introduction to the use of silkscreening to communicate a message. Basic screening techniques will be used, including using hand-cut, photographic, and computer-generated images. Water-based textile and plastisol inks will be used. Emphasis will be on producing multicolor prints on T-shirts and posters.

May be repeated for degree credit.

Recommended: ART 160, 260, and 280.

ART 396**Professional Practices in Graphic Design***3 Semester Hours*

Examination of contemporary graphic design and design career options through research, discussions, and guest speakers. Includes development and presentation of a professional portfolio and resume.

Prerequisites: Art major or consent of instructor; Junior standing.

ART 397**Professional Practices in Studio Arts***3 Semester Hours*

Examination of the current state of the studio arts and various career options through research, discussions, and guest speakers. Includes development and presentation of a professional portfolio and resume.

Prerequisites: Art major or consent of instructor; Junior standing.

ART 400**Figure Workshop I***1 Semester Hour*

A studio workshop for art and animation majors with emphasis placed on working from the figure and anatomy.

May be repeated once for degree credit.

Prerequisites: ART 153 and 154, or consent of instructor.

ART 401**Figure Workshop II***1 Semester Hour*

Continuation of a studio workshop for art and animation majors with emphasis placed on working from the figure and anatomy.

May be repeated once for degree credit.

Prerequisites: ART 153 and 154, or consent of instructor.

ART 450**Seminar in Art Education***3 Semester Hours*

Examination of current issues and principles of art education through research, discussions, and guest speakers. Includes principles of aesthetic development, creative lesson planning, and community experience project.

Prerequisites: Art Education Emphasis or consent of instructor. Majors only.

ART 453**Drawing III: Formal Issues***3 Semester Hours*

This course explores traditional and contemporary issues in drawing. Using a variety of media, content, space, color, value, and form are examined.

May be repeated for degree credit with consent of instructor.

Prerequisites: ART 153 and 154, or consent of instructor.

ART 454**Drawing IV: Figure Composition***3 Semester Hours*

This course promotes concept development and psychological possibilities inherent in the human form. Using a variety of media, it explores anatomical structure and imaginative composition.

May be repeated for degree credit with consent of instructor.

Prerequisites: ART 153 and 154, or consent of instructor.

ART 460**Graphic Design II***3 Semester Hours*

This course builds on the fundamental concepts learned in Graphic Design I. The portfolio-oriented projects cover the gamut of print to electronic media.

Prerequisites: ART 160, 260, 360, 368, and 369; Senior standing.

ART 468

Typography II

3 Semester Hours

Typography II extends the fundamental concepts introduced in Typography I. Projects emphasize advanced typographic principles as they are applied to multiple levels of text in both print and multimedia.

Prerequisites: ART 160, 260, 360, and 368; Senior standing.

ART 478

Ceramics Workshop

3 Semester Hours

Design problems with ceramic materials incorporating wheel-thrown and hand building techniques. Development of a personal style in addition to advanced firing techniques.

May be repeated for degree credit with consent of instructor.

Prerequisite: ART 278 or consent of instructor.

ART 481

Color Photography

3 Semester Hours

Introduction to general color principles and lab procedures. Emphasis on personal expression.

May be repeated for degree credit with consent of instructor.

Prerequisite: ART 280.

ART 485

Advanced Printmaking

1-3 Semester Hours

Continuation and more advanced work in relief, etching, or silkscreen techniques.

May be repeated for degree credit with consent of instructor.

Prerequisite: ART 385 or 386 or 387.

ART 494

Multimedia Internship

3 Semester Hours

Professional experience in multimedia.

Prerequisites: Art major and consent of instructor.

ART 495

Advanced Studio Studies

1-3 Semester Hours

Pre-professional directed study in studio art.

May be repeated for degree credit three times.

Prerequisite: Permission of instructor and Department Chairperson.

ART 497

Senior Thesis

1-3 Semester Hours

This course continues for Fine Arts emphasis students the professional development experience of ART 397, Senior Seminar. The curriculum includes all aspects of exhibition design, promotion, and artwork presentation.

Required for Fine Arts Emphasis majors.

Prerequisites: ART 397 and Art Major Fine Arts Emphasis, or consent of instructor.

ART 498

Special Studies

1-3 Semester Hours

ART 499

Independent Studies

1-3 Semester Hours

Prerequisite: Senior standing.

Communication Studies

Faculty

Chairperson: Abhik Roy
 Professors: Abhik Roy, Dean Scheibel
 Associate Professors: Barbara J. Busse, Jay B. Busse
 Assistant Professors: Paige Pettyjohn Edley,
 Michele Hammers, Annika Hylmö, JongHwa Lee,
 Nina Maria Reich, Kyra L. Pearson

Objectives

We study communication as a practical and theoretical art form, one that is integral to understanding and contributing to the social world. Our major emphasizes the construction and critical analysis of a variety of communication forms.

Communication Studies courses focus on the history, theory, and criticism of all forms of human communication, concentrating on people as symbol users. Coursework promotes the study and application of communication theory and practice. The major program provides an emphasis in rhetoric and public address and organizational communication, with additional coursework in interpersonal communication and social influence.

Communication Studies majors learn advanced oral and written communication skills and acquire internship opportunities that provide them with valuable experiences in their future careers. Students are prepared to work in the business world, in nonprofit organizations, and in fields such as education, government, and media. They also are prepared for further study in graduate and professional programs in communication, law, and business.

Major Requirements: (42 semester hours)

Lower Division Requirements:

12 semester hours of lower division: CMST 130, 170, and 203 and 204 (both completed with a grade of C [2.0] or better). CMST 100 or 206 must be taken to fulfill the communication skills requirement in the University core.

Upper Division Requirements:

30 semester hours of upper division: Satisfactory completion of CMST 351, 352, 451, and 452 (all four completed with a grade of C [2.0] or better). Six courses of "communication applications" selected from CMST 330, 335, 336, 375, 376, 385, 386, 387, 393, 490, or 495.

Minor Requirements: (18 semester hours)

Lower Division Requirements:

6 semester hours of lower division: CMST 203 and 204 (both completed with a grade of C [2.0] or better).

Upper Division Requirements:

12 semester hours of upper division: CMST 351 or 352 (completed with a grade of C [2.0] or better), and three courses selected from CMST 330, 335, 336, 375, 376, 385, 386, 387, or 393.

Freshman Year

<i>Fall Semester</i>		S.H.
CMST 100	Public Speaking	3
CMST 206	Critical Thinking & Comm	(3)
CMST 170	Intrpsnl & Sml Grp Comm	3
ENGL 110	College Writing	3
— —	Core	3
— —	Core	3
		15
<i>Spring Semester</i>		S.H.
CMST 130	Argumentation & Debate	3
CMST 203	Fndtns of Comm Theory	3
MATH 102	Quantitative Skills	3
MATH 103	Quantitative Skills Lab	0
— —	Core	3
— —	Core	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
CMST 204	Intro Rsrch Comm Studies	3
— —	Core	3
— —	Core	3
— —	Core	3
— —	Core	3
		15

<i>Spring Semester</i>	S.H.	<i>Spring Semester</i>	S.H.
CMST 351	3	CMST ____	Select one or more application courses from CMST 330-393, 490, or 495** 3
CMST 352	3	____ ____	Elective..... 3
____ ____	3	____ ____	Elective..... 3
____ ____	3	____ ____	Elective..... 3
____ ____	3	____ ____	Elective..... 3
	15		15

Junior Year

<i>Fall Semester</i>	S.H.	<i>Spring Semester</i>	S.H.
CMST 451	3*		
or CMST 452	(3)*		
CMST ____	3-6		
____ ____	3		
____ ____	3		
	15		

* CMST 451 and 452 can be taken either semester.
 ** CMST 495, Senior Thesis, can be taken either semester.

This schedule is typical. The sequence and choices of courses must be decided in consultation with an advisor.

CMST 100
Introduction to Public Speaking
 3 Semester Hours

Designed to assist the student in developing the skills necessary to communicate effectively to others and to listen effectively to communication from others. Development of proficiency in speaking results from the practice and criticism of informative speeches, persuasive speeches, and discussion.

CMST 110
Interpersonal Communication
 3 Semester Hours

Examination of students' communication strengths and weaknesses in order to develop proficiency in interpersonal communication. A variety of practice speaking contexts is provided, including public speaking, group discussion and problem solving, and informal and formal one-to-one communication.

CMST 130
Argumentation and Debate
 3 Semester Hours

The principles of reasoning, evidence, and organization of argumentation for debate and related forms of competitive speech; practical application in debate and other forensic speech.

CMST 131
Argumentation Practicum
 3 Semester Hours

Forensics competition in various debate formats requiring intramural and intercollegiate debate competition.

Prerequisite: CMST 130 and consent of instructor.

Senior Year

<i>Fall Semester</i>	S.H.
CMST ____	3-6
____ ____	3
____ ____	3
____ ____	3
	15

CMST 140**Business and Professional Communication***3 Semester Hours*

A study of the principles and methods involved in improving oral communication in business and the professions. Emphasis on interviewing, conference speaking, selling and persuading, problem-solving discussions, and interpersonal relations.

CMST 160**Small Group Processes***3 Semester Hours*

Introduction to small group processes and theory; practice in small group discussion. Special emphasis on problem solving processes.

CMST 170**Interpersonal and Small Group Communication***3 Semester Hours*

This course is designed to introduce the students to interpersonal and small group communication theories, processes, and skills. The course challenges students to examine their own communication behaviors and focus on their strengths and weaknesses as a way to develop and apply new communication skills and proficiencies. The course includes a variety of oral and written presentations at both the individual and group levels.

CMST 201**Rhetorical Theory***3 Semester Hours*

This course provides a chronological survey of major rhetorical themes and theories drawn from Plato, Aristotle, Cicero, Quintilian, St. Augustine, Kenneth Burke, Stephen Toulmin, critical theorists, feminist rhetoric, and non-Western approaches to rhetoric.

Prerequisite: CMST 101 with a grade of C (2.0) or better.

CMST 202**Organizational Communication***3 Semester Hours*

A study of the role of the individual communicator in an organization and the pattern of communication observed in different organizational structures.

Prerequisite: CMST 101 with a grade of C (2.0) or better.

CMST 203**Foundations of Communication Theory***3 Semester Hours*

This course introduces students to the field of communication studies and its major areas of inquiry. It begins with an overview of the history of the discipline, tracing its humanistic roots, social scientific orientations, and approaches which combine these two traditions. The course then examines communication studies from the standpoint of four perspectives that can be used to organize major movements in the field: mechanistic, psycho-symbolic, pragmatic, and critical. These perspectives are used to organize the variety of communication theories examined in the course.

CMST 204**Introduction to Research in Communication Studies***3 Semester Hours*

This course introduces students to scholarship conducted in communication studies. It overviews the research process, including generating research questions, constructing bibliographies, gathering and assessing information, and developing scholarly arguments. Students will learn research techniques, including location and retrieval of information sources (i.e., newspapers, journals, books, electronic databases, and Internet sources). They will apply critical thinking skills to the evaluation of information sources and data/arguments in qualitative and quantitative research. Students will also be introduced to basic aspects of writing for the discipline, as well as expectations for scholarly ethics and proper citation of courses.

Prerequisite: CMST 203 with a grade of C (2.0) or better, or permission of instructor.

CMST 206**Critical Thinking and Communication***3 Semester Hours*

A study of the techniques of critical thinking as applied to communication and rhetoric.

CMST 298**Special Studies***1-3 Semester Hours*

CMST 299**Independent Studies***1-3 Semester Hours*

CMST 301

Theories of Human Communication

3 Semester Hours

Theories which describe the complexities of human messages and the relationships of persons who communicate are studied to develop approaches to more effective communication.

Prerequisite: CMST 101 with a grade of C (2.0) or better.

CMST 303

Research in Communication Studies

3 Semester Hours

Study of qualitative methods in communication. Development of senior thesis literature review and research questions. Includes data collection, analysis, and interpretation of observations and interview data.

Prerequisite: CMST 101.

CMST 330

Advanced Forensics

3 Semester Hours

A study of advanced principles of debate with emphasis on interdisciplinary research on current national collegiate debate topic.

Prerequisites: CMST 130 or consent of instructor; Junior standing.

CMST 331

Argumentation Practicum

3 Semester Hours

Forensics competition in various debate formats requiring intramural and intercollegiate debate competition.

Prerequisites: CMST 130 and consent of instructor.

CMST 335

Gender Communication

3 Semester Hours

Course surveys gender similarities and differences in verbal and nonverbal communication. Emphasis is also placed on how males and females perceive the world and how these perceptions affect the human communication process.

Prerequisite: Junior standing.

CMST 336

Intercultural Communication

3 Semester Hours

A study of the principles and theories of human communication related to cross cultural encounters. Emphasis is placed on cultural relativity, culture shock, verbal and nonverbal interaction, and value differences among diverse cultures.

Prerequisite: Junior standing.

CMST 351

Contemporary Rhetorical Theory

3 Semester Hours

This course provides a survey of major rhetorical themes and theories, including classical, symbolic, argumentation, critical, feminist, and non-Western approaches to rhetoric. Students will explore the relationship between rhetorical theory and practice, the contributions of rhetorical theory to the social world, and the potential for rhetorical studies to inform issues of democratic governance, marginalized groups, social justice, and technology in society.

Prerequisites: CMST 203 and 204 with a grade of C (2.0) or better.

CMST 352

Theories of Organizational Communication

3 Semester Hours

This course is designed to introduce the students to the field of organizational communication and the relationship between organization and communication. The course is designed to allow students to examine a range of organizational communication perspectives, theories, issues, and constructs. At the same time, students are encouraged to explore the ways these perspectives shape, expand, and limit our understanding of communicating and organizing. Significantly, the course encourages critical and analytical thinking by using the course content as a basis for critique.

Prerequisites: CMST 203 and 204 with a grade of C (2.0) or better.

CMST 375

Organizational Communication Advanced Topical Seminar

3 Semester Hours

Advanced topical studies in organizational communication.

May be repeated once for degree credit with a different topic.

CMST 376**Communication and Consulting**

3 Semester Hours

Course surveys methods of designing, conducting, and evaluating organizational communication change strategies. Emphasis is on various methods of conducting organizational communication needs analysis, designing training programs, implementing organizational development strategies, and evaluating change efforts.

Prerequisite: Junior standing.

CMST 385**Political Communication**

3 Semester Hours

Course analyzes the rhetorical dimensions of political campaigns and methods of carrying out various political objectives.

Prerequisite: Junior standing.

CMST 386**Rhetoric of Social Movements**

3 Semester Hours

This course is a survey of the historical events and rhetorical documents of major American movements for social change. Movements may include: abolitionist (antislavery), labor, socialist, women's rights, environmental justice, civil rights (Black, Chicana/o, and Native American), gay and lesbian, and student movements. Emphasis will be placed on rhetorical strategies and tactics relating to effects of movements on systems and structures conceived as dominant; analyses of how social movement actors construct meaning and identity in their discourses is also stressed.

Prerequisite: Junior standing.

CMST 387**Communication and Legal Practice**

3 Semester Hours

This course brings the legal trial to the classroom, providing students an opportunity to incorporate an array of communication principles and skills with the experience of trial practice. Students are introduced progressively to key aspects of communication and litigation and participate in exercises that culminate in mock trials before a jury.

Prerequisite: Junior standing.

CMST 393**Topical Seminars in Communication Studies**

3 Semester Hours

Further studies in communication.

May be repeated for degree credit.

Prerequisite: Junior standing.

CMST 398**Special Studies**

1-3 Semester Hours

CMST 399**Independent Studies**

1-3 Semester Hours

CMST 401**Rhetorical Criticism**

3 Semester Hours

This course examines the various ways rhetorical theories may be applied to rhetorical phenomena. Students will write a substantial rhetorical criticism.

Prerequisite: CMST 201 with a grade of C (2.0) or better.

CMST 451**Rhetorical Methods**

3 Semester Hours

This course examines various ways rhetorical theories may be applied to discourse in order to highlight methods of rhetorical criticism. The course prepares students for Senior Thesis.

Prerequisite: CMST 351 with a grade of C (2.0) or better.

CMST 452**Qualitative Research Methods**

3 Semester Hours

Study of qualitative research methods in communication, including data collection, analysis, and interpretation of observations and interview data. This course prepares students for Senior Thesis.

Prerequisite: CMST 352 with a grade of C (2.0) or better.

CMST 490

Communication Practicum I

3 Semester Hours

Students participate in an internship with one of several Los Angeles area companies or institutions currently accepting LMU students. The internship focuses on practical experience working in a position that utilizes communication skills. Students will integrate communication theory with their internship experience.

May be repeated once for elective credit.

Prerequisites: Majors only; Junior standing.

CMST 491

Communication Practicum II

3 Semester Hours

Further directed experience in on-the-job training with a professional company in the media field.

Prerequisites: Majors only; Junior standing.

CMST 495

Senior Thesis

3 Semester Hours

The senior thesis provides the opportunity for students to perform original research using qualitative and/or rhetorical methods and culminates in a substantial written project.

Prerequisites: CMST 451 and 452 with a grade of C (2.0) or better and Senior standing. Also, the student must obtain the written approval of the faculty member directing the thesis project and the Department Chair the semester prior to writing the thesis.

CMST 498

Special Studies

1-3 Semester Hours

CMST 499

Independent Studies

1-3 Semester Hours

Dance—Department of Theatre Arts and Dance

Faculty

Co-chairperson: Judith M. Scalin
 Professors: Scott T. Heinzerling, Judith M. Scalin
 Assistant Professors: Teresa L. Heiland,
 Patrick Damon Rago

Objectives

The Dance major curriculum builds upon the foundation of dance as a humanistic experience. The study of dance as an art form serves as the heart of the course of study. Studio and theory coursework are designed to integrate practical dance experience with more formal academic study so that the student is educated as a dancer who can perform, write, and speak about the art of dance and dancing. Dance majors earn a B.A. degree and are prepared for advanced study in graduate school as well as careers in performing, teaching, and related work in the fields of business and health care.

The Dance program is housed in the Department of Theatre Arts and Dance. It offers coursework for the Dance major, the Dance minor and the general student. The program is accredited by the National Association of Schools of Dance.

Dance Major

Dance Generalist Track

Major Requirements

Lower Division Requirements:

A minimum of 21 semester hours: DANC 100, 101, 160, 161, 183, 260, 262, 281; and taken for at least of 4 semester hours and at the level of proficiency: for 0-2 semester hours Modern Dance and Ballet each semester, and for 0-2 semester hours World Dance one semester.

Upper Division Requirements:

A minimum of 25 semester hours: DANC 377, 378, 380, 381 (counts also as AMCS core), 460 (or PHIL 352), 461 (minimum of C [2.0] grade), 480, 481 (counts also as science core), 484; and taken for at last 4 semester hours and at the level of proficiency: for 0-2 semester hours Modern Dance and Ballet each semester, and for 0-2 semester hours World Dance one semester.

A minimum of a C (2.0) must be maintained in major coursework. A minimum grade of C (2.0) must be earned in each Dance major technique course and DANC 461.

Dance Performance Track

Major Requirements

- Faculty review for acceptance into Track at the end of the first or second year.
- Faculty review for approval for continuation in Track at the end of the second and third years.

Dance Technique and Performance Requirements:

Coursework (minimum): Technique

- | | |
|------------------------|-----------------|
| 1. Modern Dance | Six semesters |
| 2. Ballet | Eight semesters |
| 3. Jazz Dance | Two semesters |
| 4. World Dance | Two semesters |
| 5. Pilates and/or Yoga | Two semesters |

Coursework (minimum): Performance

Performance in at least two dance concerts (DANC 279) in the lower division and three dance concerts (selected from DANC 379, 479) in the upper division.

Daily Study of Dance Technique: At least one class three days a week and at least two classes two days a week.

Proficiency:

At least two semesters in DANC 402, Modern Dance IV, and two semesters in DANC 423, Ballet V

or

At least four semesters in DANC 402, Modern Dance IV, two semesters in DANC 420, Ballet IV, and two semesters in DANC 446, Jazz Dance VI or equivalent.

Lower Division Requirements:

A minimum of 17 semester hours: DANC 100, 101, 160, 161, 183, 260, 262, 281. See above for Dance Technique and Performance requirements.

Upper Division Requirements:

A minimum of 27 semester hours: DANC 360, 380, 381 (counts as AMCS core), 384, 460 (or PHIL 352), 461 (minimum of C [2.0] grade), 480, 481 (counts as science core), 484. See above for Dance Technique and Performance requirements.

A minimum of a C (2.0) must be maintained in major coursework. A minimum grade of C (2.0) must be earned in each Dance major technique course and DANC 461.

Spring Semester

S.H.

DANC 161	Fund. Composition II	3
DANC 183	Stagecraft	1
DANC ___	Modern.....	1
DANC ___	Ballet	1
DANC ___	World Dance	2
MATH 102	Quantitative Skills	3
MATH 103	Quantitative Skills Lab.....	0
___ ___	Core	3
___ ___	Core	3
		17

Sophomore Year

Fall Semester

S.H.

DANC 260	Laban Movement Analysis	3
DANC ___	Modern.....	1
DANC ___	Ballet	1
___ ___	Core	3
___ ___	Core	3
___ ___	Core	3
		14

Spring Semester

S.H.

DANC 262	Dance Styles and Form	3
DANC 281	History of Dance Theatre	3
DANC ___	Modern.....	1
DANC ___	Ballet	1
___ ___	Core	3
___ ___	Core	3
		14

Minor Requirements

General minor—18 semester hours: DANC 160, 161 (6 semester hours); one theory course selected from DANC 384, 385, 480, 484 (3 semester hours); one theory course selected from DANC 260, 262, 281, 380, 381, 384, 385, 480, 481, 484 (3 semester hours); 6 semester hours in studio technique (modern, ballet, jazz, and/or world dance).

Performance minor—21 semester hours: DANC 160, 161 (6 semester hours); DANC 183 (1 semester hour); dance technique (8 U.D. semester hours); performance in at least three dance concerts (3 semester hours); and 3 semester hours of dance theory selected from DANC 384, 385, 480, 481, 484.

Dance Generalist Major

Freshman Year

Fall Semester

S.H.

DANC 100	Orientation to Dance	1
DANC 101	Principles of Movement	1
DANC 160	Fund. Composition I	3
DANC ___	Modern.....	1
DANC ___	Ballet	1
ENGL 110	College Writing	3
___ ___	Core	3
___ ___	Core	3
		16

Junior Year

<i>Fall Semester</i>		S.H.
DANC 377	Dance Production	1
DANC 381	To Dance Is Human (AMCS core).....	3
DANC 480	Kinesiology I.....	3
DANC ___	Modern.....	1
DANC ___	Ballet	1
___ ___	Core.....	3
___ ___	Elective.....	3

 15

<i>Spring Semester</i>		S.H.
DANC 470	Modern.....	1
DANC 481	Kinesiology II (science core)	3
DANC 484	Principles of Teaching Dance	3
DANC ___	Ballet	1
DANC ___	World Dance	2
___ ___	Core.....	3
___ ___	Elective.....	3

 16
Senior Year

<i>Fall Semester</i>		S.H.
DANC 380	Music for Dance	3
or DANC 460	Dance Theory and Criticism	3
PHIL 352	Philosophy of Art	(3)
DANC ___	Modern.....	1
DANC ___	Ballet	1
___ ___	Core.....	3
___ ___	Elective.....	3

 14

<i>Spring Semester</i>		S.H.
DANC 378	Service Project.....	1
DANC 461	Senior Thesis Project	3
DANC ___	Modern.....	1
DANC ___	Ballet	1
___ ___	Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	2

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Please note: Variable semester hours for all technique classes are options only for Dance majors and minors. All other students must take these courses for 2 semester hours.

Dance Performance Major**Freshman Year**

<i>Fall Semester</i>		S.H.
DANC 100	Orientation to Dance	1
DANC 101	Principles of Movement	1
DANC 160	Fund. Composition I	3
DANC ___	Modern.....	1
DANC ___	Ballet	1
DANC ___	Jazz Dance	1
DANC ___	Friday Dance Workshop (0-1).....	0
ENGL 110	College Writing	3
___ ___	Core.....	3

 14

<i>Spring Semester</i>		S.H.
DANC 161	Fund. Composition II	3
DANC 183	Stagecraft	1
DANC 279	Rehearsal & Performance I.....	1
DANC ___	Modern.....	1
DANC ___	Ballet	1
DANC ___	Jazz Dance	1
DANC ___	World Dance	1
MATH 102	Quantitative Skills.....	3
MATH 103	Quantitative Skills Lab.....	0
___ ___	Core.....	3

 15

Sophomore Year

<i>Fall Semester</i>		S.H.
DANC 260	Laban Movement Analysis	3
DANC 279	Rehearsal & Performance I (0-1).....	0
DANC ___	Modern.....	1
DANC ___	Ballet	1
DANC ___	Jazz Dance	1
DANC ___	Yoga.....	1
___ ___	Core.....	3
___ ___	Core.....	3
___ ___	Core.....	3
		16

<i>Spring Semester</i>		S.H.
DANC 262	Dance Styles and Form.....	3
DANC 279	Rehearsal & Performance I.....	1
DANC 281	History of Dance Theatre	3
DANC 384	Creative Dance for Children.....	3
DANC ___	Modern.....	1
DANC ___	Ballet	1
DANC ___	Jazz Dance	1
DANC ___	Dance Technique Elective (0-1)	0
___ ___	Core.....	3
		16

Junior Year

<i>Fall Semester</i>		S.H.
DANC 279	Rehearsal & Performance I.....	0
DANC 360	Advanced Choreography	3
DANC 381	To Dance Is Human (AMCS core).....	3
DANC 480	Kinesiology I.....	3
DANC ___	Modern.....	1
DANC ___	Ballet	1
DANC ___	Jazz Dance	1
DANC ___	World Dance	0
___ ___	Core.....	3
		15

<i>Spring Semester</i>		S.H.
DANC 377	Dance Production	1
DANC 479	Rehearsal & Performance II.....	1
DANC 481	Kinesiology II (science core)	3
DANC 484	Principles of Teaching Dance.....	3
DANC ___	Modern.....	1
DANC ___	Ballet	1
DANC ___	Jazz Dance	1
DANC ___	Pilates.....	1
___ ___	Core.....	3
		15

Senior Year

<i>Fall Semester</i>		S.H.
DANC 380	Music for Dance	3
DANC 460	Dance Theory and Criticism	3
or PHIL 352	Philosophy of Art	(3)
DANC 479	Rehearsal & Performance II.....	0
DANC ___	Modern.....	1
DANC ___	Ballet	1
DANC ___	Jazz Dance	1
DANC ___	Dance Technique Elective	0
___ ___	Core.....	3
___ ___	Core.....	3
		15

<i>Spring Semester</i>		S.H.
DANC 378	Service Project.....	1
DANC 461	Senior Thesis Project.....	3
DANC 479	Rehearsal & Performance II (0-1).....	0
DANC ___	Modern.....	1
DANC ___	Ballet	1
DANC ___	Jazz Dance	1
DANC ___	Dance Technique Elective	1
___ ___	Core.....	3
___ ___	Core.....	3
		14

DANC 100
Orientation to Dance I
1-3 Semester Hours

An introduction to the discipline of Dance for Dance major students. This course addresses: careers, health, wellness, performance, community service, and community resources. Introduction to yoga and other movement fundamentals.

Majors only.

DANC 101
Principles of Movement
0-1 Semester Hours

Orientation to use of breath, alignment, and basic principles of motion. Exploration of the body-mind connection. (Fall)

Majors only.

DANC 102
Modern Dance I
0-2 Semester Hours

Fundamental movement techniques and the manipulation of time, force, and space are explored through participation in improvisation and structured skill activity, as well as basic relaxation and body awareness experiences. Introduction to jazz dance forms.

May be repeated for degree credit up to 2 times.

DANC 120
Ballet I
0-2 Semester Hours

Barre and center work for alignment, strength, flexibility, and coordination. Introduction to ballet terminology, aesthetics, and study of fundamentals of style and history.

May be repeated for degree credit up to 2 times.

DANC 142
Jazz Dance I
0-2 Semester Hours

An introduction to the art of jazz dance. Emphasis on fundamental alignment and rhythmic skills as well as styling. Study of the aesthetics of entertainment (Fall, Spring).

May be repeated for degree credit up to 2 times.

DANC 144
Tap Dance I
0-2 Semester Hours

An introduction to tap dance and its history. Focus on specific skills in tap dance involving vocabulary, keeping time, music theory, and rhythm.

May be repeated for degree credit up to 2 times.

DANC 160
Fundamentals of Dance Composition I
3 Semester Hours

Principles of composition in relation to time, force, space, and kinesthesia. Groundwork in aesthetics and composition theory. (Fall)

Prerequisite: Dance major or Dance minor.

DANC 161
Fundamentals of Dance Composition II
3 Semester Hours

Continuation of DANC 160. (Spring)

Prerequisite: Dance major or Dance minor.

DANC 163
Introduction to Choreography
3 Semester Hours

An introduction to dance composition for the non-major. Exploration of space, time, and energy through movement, sound, and text.

DANC 183
Stagecraft for Dancers
1 Semester Hour

Introduction to basic principles of lighting, costuming, and production management. (Spring)

DANC 198
Special Studies
1-3 Semester Hours

DANC 199
Independent Studies
1-3 Semester Hours

DANC 202
Modern Dance II
0-2 Semester Hours

Continuation of DANC 102. Increased emphasis on energy, range, and expression. More complex rhythmic patterns and movement designs are explored. Introduction to performance technique. Continuation of study of historical and aesthetic principles.

May be repeated for degree credit up to 4 times.

Audition: First class meeting.

DANC 220**Ballet II***0-2 Semester Hours*

Learning to execute the vocabulary of ballet movement with technical accuracy. Beginning combinations across the floor. Continuation of study of history and aesthetics of the ballet style.

May be repeated for degree credit up to 4 times.

Audition: First class meeting.

DANC 242**Jazz Dance II***0-2 Semester Hours*

Body rhythms, their initiation, pulse, and flow are explored in conjunction with sound through the principle of syncopation. Study of the aesthetics of entertainment and ethnology.

Audition: First class meeting.

May be repeated for degree credit up to 4 times.

DANC 244**Tap Dance II***0-2 Semester Hours*

Continuation of DANC 144. Increased focus on musicality.

Audition: First class meeting.

May be repeated for degree credit up to 6 times.

DANC 260**Laban Movement Analysis***3 Semester Hours*

Study of Rudolf Laban's method of systematic description of qualitative change in movement. Application in choreography, teaching and learning movement.

Prerequisite: Dance major or Dance minor.

DANC 262**Dance Styles and Form***3 Semester Hours*

Exploration of dance composition based on styles of noted choreographers. Study of dance forms. Theory and practice as modes of study.

Prerequisites: DANC 160, 161, or 163; and DANC 260.

DANC 279**Rehearsal and Performance I***0-3 Semester Hours*

Format varies by semester. Fall: preparation of a small touring program or lecture demonstration; Spring: dancing in the major Dance production.

May be repeated for degree credit up to 4 times.

DANC 281**History of Dance Theatre***3 Semester Hours*

A study of dance development as an art form from earliest origins, through medieval religious pageantry, Renaissance court dances, 18th century stage dance, and culminating with dance in the 19th and 20th centuries. Evolution of ballet and modern dance forms in Europe and America (Spring, alternate years).

DANC 298**Special Studies***1-3 Semester Hours***DANC 299****Independent Studies***1-3 Semester Hours***DANC 302****Modern Dance III***0-2 Semester Hours*

Continuation of DANC 202. More complex rhythmic patterns and movement design. Concentrated work on performance and projection techniques. Dance films and study of current research on dance criticism.

Audition: First class meeting.

May be repeated for degree credit up to 6 times.

DANC 320**Ballet III***0-2 Semester Hours*

Continuation of DANC 220. Variations from the repertory of classic ballet. Familiarity with the music, scenarios, and staging of several traditional ballets. Dance films and study of current research on dance criticism.

Audition: First class meeting.

May be repeated for degree credit up to 6 times.

DANC 342**Jazz Dance III***0-2 Semester Hours*

Continuation of DANC 242. Focus on styling and performance. Theoretical study of selected jazz dance artists and the impact of film and video on jazz dance.

Audition: First class meeting.

May be repeated for degree credit up to 6 times.

DANC 344**Tap Dance III***0-2 Semester Hours*

A continuation of DANC 244. Focus on developing better skills, exploring rhythms, and mastering ability to keep time and phrase rhythms.

Audition: First class meeting.

May be repeated for degree credit up to 6 times.

DANC 345**Jazz Dance IV***0-2 Semester Hours*

Continuation of DANC 342. Emphasis on study of jazz dance, hip hop, funk, and other dance styles used in commercial/media dance.

Audition: First class meeting. Intermediate ballet skills requisite.

May be repeated for degree credit up to 8 times.

DANC 347**Intermediate Hip Hop***0-2 Semester Hours*

Study of hip hop as a cultural dance form.

May be repeated for degree credit up to 4 times.

DANC 353**Dance Conditioning***0-2 Semester Hours*

Laboratory course using specialized training modalities selected from Pilates, Feldendrais, and other physical systems.

May be repeated for degree credit up to 6 times.

DANC 360**Advanced Choreography***3 Semester Hours*

Dance composition with focus on the craft elements of development, variation, thematic, and non-thematic subject matter. Strategies for building a dance from study to completed work.

Prerequisite: DANC 262.

DANC 371**Martial Arts***0-2 Semester Hours*

Study of Tae Kwan Do, Aikido, Tai Chi Chuan, or other selected martial arts forms.

May be repeated for degree credit as long as subject changes.

DANC 372**Martial Arts in China***2 Semester Hours*

The study of martial arts on location in China. Enrollment through Study Abroad.

DANC 374**Yoga I***0-2 Semester Hours*

Theory and practice of yoga through exercise, meditation, and selected readings.

DANC 375**Yoga II***0-2 Semester Hours*

Continuation of yoga practice begun in Yoga I.

Prerequisite: DANC 374.

DANC 376**Yoga for Dancers***0-2 Semester Hours*

Yoga practice particularly designed for those pursuing in-depth dance technique training.

Prerequisite: Majors only.

DANC 377**Dance Production***0-1 Semester Hours*

Serving as crew member or 30 hours of Dance Production work in the areas of lighting, publicity, costuming, staging, and/or related fields.

DANC 378**Service Project***0-1 Semester Hours*

Completion of a service project on campus or in the community.

DANC 379**Dance Touring Group***0-3 Semester Hours*

Performance group which tours local K-12 schools.

May be repeated for degree credit up to 4 times.

DANC 380**Music for Dance***3 Semester Hours*

Study of the elements of music theory and history which are common to dance and music.

DANC 381**To Dance Is Human: Dance, Culture, and Society***3 Semester Hours*

A study of dance as a cultural, political, and socioeconomic phenomena. The dance of three selected cultures in the United States today with origins in Africa, Asia, and Europe and current life in the United States will form the focus of study. (Fall)

DANC 382**Drumming for Dance***2 Semester Hours*

African drumming techniques used in dance for dancers and musicians.

DANC 384**Creative Dance for Children***3 Semester Hours*

Creative dance experience designed to prepare the elementary school teacher to offer dance instruction.

Meets Liberal Studies Credential requirements.

DANC 385**Movement Arts for Children***3 Semester Hours*

Movement arts experience ("new games," dance, sport) and study of the child's physical and motor development. Designed as pre-service Elementary School teacher training. Meets Liberal Studies Credential requirements.

DANC 390**Dance of Greece***0-2 Semester Hours*

Intensive study of folk dance of Greece with historical and cultural perspectives.

Offered in the Fall semester only.

DANC 394**Dunham Dance Technique***0-2 Semester Hours*

A study of the dance technique of Katherine Dunham.

Audition: First class meeting.

May be repeated for degree credit up to 6 times.

DANC 396**Musical Theatre Dance***0-2 Semester Hours*

Practice and study of dances from the musical theatre repertory.

May be repeated for degree credit up to 2 times.

DANC 397**World Dance***0-3 Semester Hours*

Intensive study of selected world cultures from Africa, Asia, the Pacific, and Europe with particular attention to historical and cultural perspective.

May be repeated for degree credit as long as selected culture differs.

DANC 398**Special Studies***1-3 Semester Hours***DANC 399****Independent Studies***1-3 Semester Hours***DANC 402****Modern Dance IV***0-2 Semester Hours*

Continuation of DANC 302. Study focuses on subtlety in energy, range, and expression, along with concentration of style, rhythmic patterns, and movement design. Dance films and study of current research on dance criticism.

Audition: First class meeting.

May be repeated for degree credit up to 8 times.

DANC 403
Friday Dance Workshop
0-1 Semester Hours

In-depth exploration of dance technique and partnering.

Audition: First class meeting.

May be repeated for degree credit up to 8 times.

DANC 404
Modern Dance V
0-2 Semester Hours

Continuation of DANC 402. Study focuses on increasing subtlety in energy, range, and expression, along with concentration on style, rhythmic patterns, and movement designs. Focus on style and professional work.

May be repeated for degree credit up to 6 times.

DANC 420
Ballet IV
0-2 Semester Hours

Continuation of DANC 320.

Audition: First class meeting.

May be repeated for degree credit up to 8 times.

DANC 421
Pointe and Variations
0-1 Semester Hour

Study of pointe work in ballet and reconstruction of variations from ballets of different periods.

Audition: First class meeting.

May be repeated for degree credit up to 4 times.

DANC 422
Partnering
0-1 Semester Hours

Exploration of partnering techniques as used in classical ballet, modern and post-modern dance.

DANC 423
Ballet V
0-2 Semester Hours

Continuation of DANC 420.

Audition: First class meeting.

May be repeated for degree credit up to 8 times.

DANC 444
Tap Dance IV
0-2 Semester Hours

A continuation of DANC 344. Focus on developing better skills, exploring rhythms, and mastering ability to keep time and phrase rhythms.

Audition: First class meeting.

May be repeated for degree credit up to 6 times.

DANC 445
Jazz Dance V
0-2 Semester Hours

Continuation of DANC 345. Emphasis on study of jazz dance, hip hop, funk, and other dance styles used in commercial/media dance.

Prerequisite: By audition only.

May be repeated for degree credit up to 8 times.

DANC 446
Jazz Dance VI
0-2 Semester Hours

Continuation of DANC 445. Pre-professional emphasis including auditioning and career planning.

Prerequisite: By audition only.

May be repeated for degree credit up to 8 times.

DANC 460
Dance Theory and Criticism
3 Semester Hours

Formal seminar in philosophy of art and aesthetic criticism.

Prerequisite: Senior standing, majors only.

DANC 461
Senior Thesis: Project
3 Semester Hours

Preparation and presentation of performance or research thesis.

Prerequisite: Senior standing, majors only.

DANC 479
Rehearsal and Performance II
0-3 Semester Hours

Continuation of DANC 279.

May be repeated for degree credit up to 4 times.

DANC 480

Kinesiology for Dancers I

3 Semester Hours

Understanding of the human body as it experiences movement. Analysis of the physics, anatomy, physiology, and psychology of movement behavior.

Offered in the Fall semester only.

DANC 481

Kinesiology for Dancers II

3 Semester Hours

Continuation of DANC 480.

Prerequisite: DANC 480 or NTLS 150 or consent of Dance director.

Offered in the Spring semester only.

DANC 484

Principles of Teaching Dance

3 Semester Hours

Theory and practice of effective dance instruction, including methods, lesson plans, and practice teaching of high school students and adults (Spring, alternate years).

DANC 485

Internships

1-3 Semester Hours

Work experience in teaching, health care, or business.

DANC 498

Special Studies

1-3 Semester Hours

DANC 499

Independent Studies

1-3 Semester Hours

Interdisciplinary Arts and Media

Director

Dean Scheibel

Objectives

The philosophy of Interdisciplinary Arts and Media (INDA) rests on the premise that students should receive a broad education that combines creativity and scholarly activity. INDA deepens students' intellectual and professional preparation for careers.

INDA 101
Introduction to Media Production
3 Semester Hours

INDA 198
Special Studies
1-3 Semester Hours

INDA 199
Independent Studies
1-3 Semester Hours

INDA 201
Intermediate Media Production
3 Semester Hours

INDA 298
Special Studies
1-3 Semester Hours

INDA 299
Independent Studies
1-3 Semester Hours

INDA 301
Advanced Media Production
3 Semester Hours

INDA 320
Broadcast Writing
3 Semester Hours

An introductory course to teach the basic skills of broadcast writing. Primary emphasis on television news and secondary emphasis on radio news. Techniques taught will also emphasize writing for allied fields such as public relations, advertising, and technical production.

INDA 330
Broadcast News Production
3 Semester Hours

An introduction to news gathering, writing, and production for radio and television. Course covers the use of basic broadcast journalism tools, such as cameras, microphones, and conversational writing.

INDA 350
Radio Drama Production
3 Semester Hours

Working as an ensemble, students will write, act, direct, and produce live on tape weekly performances for broadcast on KXLU-FM.

Lab fee.

INDA 360
Workshop in Media Production
3 Semester Hours

INDA 398
Special Studies
1-3 Semester Hours

INDA 399
Independent Studies
1-3 Semester Hours

INDA 390
KXLU Workshop
1 Semester Hour

Hands-on study of radio broadcasting. The areas to be mastered are proper station operations, voice, writing, delivery, and simple production.

INDA 391
KXLU Practicum
3 Semester Hours

A concentrated study of the management process associated with the day-to-day operation of KXLU-FM, recommended for radio station directors and others.

INDA 401
Seminar in Media Projects
3 Semester Hours

INDA 498
Special Studies
1-3 Semester Hours

INDA 499
Independent Studies
1-3 Semester Hours

Music

Faculty

Chairperson: Mary Catherine Breden
 Professors: Mary Catherine Breden, Mark Saya,
 Virginia Saya
 Associate Professor: Paul W. Humphreys
 Assistant Professor: Michael Miranda

Objectives

The purpose of the Department of Music is to provide quality music instruction both for students who wish to pursue music as a career and for students who wish to enrich their lives through non-career oriented study and performance. Students and faculty work together to foster aesthetic involvement and creative and scholarly inquiry that support a vital community of music learning. Instruction emphasizes a personal approach. Through the presentation of diverse musical programs, the department also sustains and enriches the cultural vitality of the University and its surrounding communities. The work of the department further supports the goals of Jesuit and Marymount education by strengthening the socializing influence of music both within the University and the world at large.

The Department of Music offers the Bachelor of Arts in Music degree, the requirements of which can serve as an excellent foundation for students undertaking advanced studies in preparation for such careers as musicology, composition, ethnomusicology, music librarianship, and pedagogy-oriented teaching. In addition to meeting all general University admissions requirements, students who wish either to major or minor in Music must meet specific Department of Music entrance requirements.

Loyola Marymount University and the Department of Music are accredited by the National Association of Schools of Music.

Admission to the Major and Minor

An audition in the applied emphasis (Instrument or Voice) is required before admission to the major or minor. Audition requirements appropriate to each instrumental and voice emphasis are available from the Secretary of the Department of Music.

A grade of C (2.0) or better is required in:

MUSC 122 (Music Theory & Form II)

A grade of B (3.0) or better is required in:

MUSC 181, 280, 281 (Applied Lessons)

Foreign Language Requirement

Two semesters of foreign language(s) through selection of one of the following options:

ITAL 101, 102 or
 GRMN 101, 102 or
 FREN 101, 102 or
 ITAL 101, GRMN 101 or
 ITAL 101, FREN 101 or
 GRMN 101, FREN 101

The language options selected may be taken credit/no credit but require the approval of the Chairperson and the applied emphasis instructor.

Music Major Curriculum

48 Semester Hours (plus Foreign Language Requirement)

General Requirements

38 Semester Hours

		S.H.
MUSC 121	Music Theory & Form I*	3
MUSC 122	Music Theory & Form II**	3
MUSC 221	Music Theory & Form III	3
MUSC 222	Music Theory & Form IV	3
MUSC 133	Aural Skills I*	1
MUSC 134	Aural Skills II**	1
MUSC 235	Instrumentation	2
MUSC 303	World Music Cultures I	3
MUSC 316	Music History: Antiquity-1600	3
MUSC 317	Music History: 1600-1820	3
MUSC 318	Music Hist.: 1820-Present	3
MUSC 332	Choral Conducting (Vocalists)	2
MUSC 333	Instrumental Conducting (Instrumentalists)	2
MUSC 101	Studio Class (4 sem.)/**	0
MUSC 180	Applied Emphasis Individual Instruction*	1
MUSC 181	Applied Emphasis Individual Instruction**	1
MUSC 280	Applied Emphasis Individual Instruction	1
MUSC 281	Applied Emphasis Individual Instruction	1

	Applied Emphasis Ensemble(s).....	4
or	MUSC 454 World Music Ensembles I.....	(1)
or	MUSC 455 World Music Ensembles II.....	(1)
or	MUSC 490 Chamber Orchestra	(1)
or	MUSC 491 Consort Singers	(1)
or	MUSC 492 Chamber Music Ensembles	(1)
or	MUSC 493 Women's Chorus.....	(1)
or	MUSC 495 Concert Choir	(1)

* must be taken concurrently

** must be taken concurrently

Concentration Requirements

10 Semester Hours/Upper Division

With the approval of the Director of the Concentration, every music major must declare and complete an upper division Concentration. It is possible to complete two Concentrations with the approval of the Advisor and the Department Chairperson. In order to fulfill the double Concentration, the student will take all classes required in each of the selected Concentrations. Music courses fulfilling one Concentration may not be used to satisfy the requirements of the second Concentration.

Theory/Composition

		S.H.
	MUSC 319 Analytic Techniques	3
or	MUSC 322 Modal Counterpoint.....	(3)
or	MUSC 323 Tonal Counterpoint.....	(3)
	MUSC 496 Theory Placement Practcm	1
	MUSC ____ Electives	6

Music History/Literature

		S.H.
	MUSC 412 Pre-Renaiss & Renaiss Music	3
or	MUSC 413 Music of the Baroque	(3)
or	MUSC 414 Music of the Classical Era	(3)
or	MUSC 415 Music of the Romantic Era	(3)
or	MUSC 416 Music of the 20th Century	(3)
	MUSC 497 Musicology Placement Prctcm	1
	MUSC ____ Electives	6

World Music/Ethnomusicology

		S.H.
	MUSC 304 World Music Cultures II	3
	MUSC 407 Research and Methods in Ethnomusicology.....	1
or	MUSC 454 World Music Ensemble I	1
or	MUSC 455 World Music Ensemble II	(1)
	MUSC ____ Electives	5

Instrumental Studies

		S.H.
	MUSC 310 Instrumental Pedagogy	3
	MUSC 450 Senior Project: Recital	1
	MUSC ____ Electives	6

Vocal Studies

		S.H.
	MUSC 341 Vocal Pedagogy.....	3
	MUSC 450 Senior Project: Recital	1
	MUSC ____ Electives	6

Instrumental Conducting

		S.H.
	MUSC 330 Score Reading I	2
	MUSC 331 Score Reading II	2
	MUSC 332 Choral Conducting	2
	MUSC 433 Adv. Instrumental Conducting.....	2
	MUSC ____ Electives	2

Choral Conducting

		S.H.
	MUSC 328 Choral Methods I	2
	MUSC 333 Instrumental Conducting.....	2
	MUSC 432 Adv. Choral Conducting	2
	MUSC 445 Choral Techniques Practicum	1
	MUSC ____ Electives	3

Music Minor Curriculum

21 Semester Hours (plus Foreign Language Requirement)

	S.H.
MUSC 121 Music Theory & Form I*	3
MUSC 122 Music Theory & Form II**	3
MUSC 133 Aural Skills I*	1
MUSC 134 Aural Skills II**	1
MUSC 316 Music History: Antiquity-1600	3
MUSC 317 Music History: 1600-1820	3
MUSC 318 Music History: 1820-Present.....	3
MUSC 101 Studio Class (2 semesters).....	0
MUSC 180 Applied Emphasis Individual Instruction*	1
MUSC 181 Applied Emphasis Individual Instruction**	1
Applied Emphasis Ensemble(s)*/**	2
or MUSC 454 World Music Ensembles I.....	(1)
or MUSC 455 World Music Ensembles II.....	(1)
or MUSC 490 Chamber Orchestra	(1)
or MUSC 491 Consort Singers	(1)
or MUSC 492 Chamber Music Ensembles	(1)
or MUSC 493 Women's Chorus.....	(1)
or MUSC 495 Concert Choir	(1)

* must be taken concurrently

** must be taken concurrently

Applied Music

Individual Instructions

Music Major/Minor

Music majors are required to complete a minimum of four semesters, and Music minors two semesters, of individual instruction in the following emphasis areas:

Piano, Guitar, Percussion, Strings, or Voice:

MUSC 180, 181, 280, 281 (Major/4 semester hours)

MUSC 180, 181 (Minor/2 semester hours)

Each semester hour of earned credit in private applied lessons requires the following:

- One 50-minute private lesson weekly (total 14)
- Enrollment in MUSC 101, Studio Class
- Minimum of one (1) Studio Class performance per semester

Only students who have been officially accepted through audition and declared music majors or minors by the Department of Music may enroll in private applied lessons (180, 181, 280, 281, 380, 381, 480, 481). No applied music fee is required.

Practice room facilities (free of charge) are available to all applied music students enrolled for credit.

Applied music courses are repeatable for credit. Majors who wish to continue credit enrollment beyond minimum requirements may enroll in the subsequent MUSC 380, 381, 480, and 481 offerings.

Music Non-Major/Non-Minor

Individual instruction is available in Piano, Guitar, Drum Set, Strings, and Voice:

Permission of professor required.

MUSC 182, 282, 382, 4821 S.H. each

There is an applied music fee of \$420.00 per semester for fourteen 30-minute weekly lessons. Applied music courses are repeatable for credit.

Class instruction is available in Piano, Guitar, and Voice for students at the beginning level:

MUSC 175, 176, 177 Piano Class . . .1 S.H. each

MUSC 178 Voice Class1 S.H.

MUSC 179 Guitar Class1 S.H.

These classes meet once weekly, have a limited enrollment, and may only be repeated once for credit. There is a \$20 lab fee for the piano classes.

Ensembles

Music Major/Minor

Music majors are required to complete four semesters, and Music minors two semesters, of active participation in an ensemble appropriate to the area of individual instruction emphasis.

Music Non-Major/Non-Minor

Membership is open to all students and the University community on audition-after-enrollment basis.

	S.H.
MUSC 454 World Music Ensembles I.....	1
MUSC 455 World Music Ensembles II.....	1
MUSC 490 Chamber Orchestra	1
MUSC 491 Consort Singers	1
MUSC 492 Chamber Music Ensemble(s)*	1
MUSC 493 Women's Chorus.....	1
MUSC 494 Men's Chorus	1
MUSC 495 Concert Choir	1

* Includes guitar, string, and piano ensembles

These classes are repeatable for credit.

Freshman Year

<i>Fall Semester</i>	S.H.
or GRMN 101 Elementary German I	3
ITAL 101 Elementary Italian I..... (3)	
MUSC 101 Studio Class	0
MUSC 121 Music Theory/Form I	3
MUSC 133 Aural Skills I.....	1
MUSC 180 Applied Music	1
MUSC ___ Ensemble.....	1
___ ___ Core	3
___ ___ Core	3

<i>Spring Semester</i>	S.H.
or GRMN 102 Elementary German II.....	3
ITAL 102 Elementary Italian II..... (3)	
MATH 102 Quantitative Skills	3
MATH 103 Quantitative Skills Lab.....	0
MUSC 101 Studio Class	0
MUSC 122 Music Theory/Form II	3
MUSC 134 Aural Skills II.....	1
MUSC 181 Applied Music	1
MUSC ___ Ensemble.....	1
___ ___ Core	3

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Sophomore Year

<i>Fall Semester</i>	S.H.
MUSC 101 Studio Class	0
MUSC 221 Music Theory/Form III	3
MUSC 235 Instrumentation	2
MUSC 280 Applied Music	1
MUSC ___ Ensemble.....	1
___ ___ Core	3
___ ___ Core	3
___ ___ Core	3

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<i>Spring Semester</i>	S.H.
MUSC 101 Studio Class	0
MUSC 222 Music Theory/Form IV	3
MUSC 281 Applied Music	1
MUSC 316 Music History: Antiquity-1600	3
MUSC ___ Ensemble.....	1
___ ___ Core	3
___ ___ Core	3

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The above schedule should be considered as guidelines and confirmed with a Music Advisor.

Junior Year

<i>Fall Semester</i>	S.H.
MUSC 317 Music History: 1600-1820.....	3
MUSC 303 World Music Cultures I	3
or MUSC 332 Choral Conducting	2
MUSC 333 Instrumental Conducting..... (2)	
___ ___ Core	3
___ ___ Core	3
___ ___ UD Elective.....	2

16

<i>Spring Semester</i>		S.H.
MUSC 318	Music History: 1820-Present.....	3
MUSC ___	UD Concentration	2
___ ___	Core	3
___ ___	Core	3
___ ___	UD Elective.....	3
		14

The above schedule should be considered as guidelines and confirmed with a Music Advisor.

Senior Year

<i>Fall Semester</i>		S.H.
MUSC ___	UD Concentrations.....	4
___ ___	Core	3
___ ___	Core	3
___ ___	UD Elective Non-Music.....	3
___ ___	Elective.....	2
		15

<i>Spring Semester</i>		S.H.
MUSC ___	UD Elective.....	4
___ ___	Core	3
___ ___	Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	2
		15

The above schedule should be considered as guidelines and confirmed with a Music Advisor.

MUSC 101

Studio Class

0 Semester Hours

Recital class for music majors and minors enrolled in applied lessons, including composition lessons.

May be repeated for degree credit.

MUSC 102

Enjoyment of Music

3 Semester Hours

An overview of the evolution of Western Art music from the era of Gregorian Chant to modern times. Focus is on style periods and the contributions of the great composers. Concert attendance required.

Non-majors and non-minors only.

MUSC 104

Fundamentals of Music

3 Semester Hours

Practical study of the rudiments of music—notation, rhythm, keys, scales, and terminology, with the object of attaining and applying a basic musical literacy. Concert attendance required.

Non-majors and non-minors only.

MUSC 105

The Vocal Experience

3 Semester Hours

Exploration of the basic techniques of singing with emphasis on the expressive elements inherent in simple vocal literature; study of fundamental musical elements—rhythm, melody, key structures, notation—leading to successful sight singing.

MUSC 106

The Guitar Experience

3 Semester Hours

Exploration of the basic technique of performing on the guitar including 1) learning to read music, 2) chords and styles of accompaniment, and 3) the preparation of solo pieces.

MUSC 107

The Piano Experience

3 Semester Hours

Exploration of the basic techniques of performing piano literature; study of fundamental musical elements—rhythm, melody, key structures, notation, and reading music.

MUSC 121

Music Theory and Form I

3 Semester Hours

Introduction to the fundamentals of functional tonal harmony, basic musical terminology and notation, figured bass, and diatonic harmonic progression and voice leading.

Corequisite: MUSC 133.

MUSC 122

Music Theory and Form II

3 Semester Hours

Continuation of MUSC 121, introducing cadences, nonchord tones, 7th chords, chromatic harmony and voice leading (secondary chords), and various types of modulation. Also includes an introduction to formal analysis through the study of period and other phrase structures.

Corequisite: MUSC 134.

MUSC 131**Sight Singing I***1 Semester Hour*

Study of notation, keys, scales, rhythm; recognition of intervals; development of the ability to sight-read vocally from the score and to take melodic dictation.

MUSC 132**Sight Singing II***1 Semester Hour*

Continuation of MUSC 131.

Prerequisite: MUSC 131.

MUSC 133**Aural Skills I***1 Semester Hour*

Developing of the aural skills of sight singing, audiation, and pitch discrimination leading to the ability to take musical dictation from simple to intermediate levels involving melody, rhythm and meter, chords in root position, and cadential harmony. Includes Computer Assisted Instruction (CAI).

Corequisite: MUSC 121.

MUSC 134**Aural Skills II***1 Semester Hour*

Continuation of MUSC 133, further developing the ability to take musical dictation from intermediate to advanced levels involving tonal, modal, and atonal melody, rhythm and meter, all chord types including inversions and functional harmonic progression. Continuation of CAI.

Prerequisite: MUSC 133.

Corequisite: MUSC 122.

MUSC 135**Functional Piano I***1 Semester Hour*

Development of pragmatic keyboard reading skills.

Music majors/minors only.

MUSC 136**Functional Piano II***1 Semester Hour*

Continuation of MUSC 135.

Prerequisite: MUSC 135 or consent of instructor.

MUSC 175**Beginning Piano Class***1 Semester Hour*

Development of pragmatic keyboard reading skills.

MUSC 176**Intermediate Piano Class***1 Semester Hour*

Application of fundamental keyboard reading skills through sight reading, ensemble work, harmonizing, and improvising. Development of interpretive skills through the use of repertoire from different eras.

Prerequisite: MUSC 175 or consent of instructor.

MUSC 177**Advanced Piano Class***1 Semester Hour*

Application of interpretive skills using more complex repertoire. Fundamentals of tonal music theory are addressed along with sight reading and improvising. Individual projects may be assigned.

Prerequisite: MUSC 176 or consent of instructor.

MUSC 178**Beginning Voice Class***1 Semester Hour*

Group instruction in singing. The basics of breathing, tone production, diction and articulation, song preparation, and performance.

MUSC 179**Beginning Guitar Class***1 Semester Hour*

The study of the classical guitar: learning to read music, learning to use the hands efficiently, gaining an understanding of the structures of music in order to develop an interpretive style.

MUSC 180**Guitar, Percussion, Piano, Strings, Voice***1 Semester Hour*

First semester of private applied lessons in the major/minor.

Corequisite: MUSC 101.

MUSC 181**Guitar, Percussion, Piano, Strings, Voice**

1 Semester Hour

Second semester of private applied lessons in the major/minor.

Prerequisite: MUSC 180.

Corequisite: MUSC 101.

MUSC 182**Guitar, Percussion, Piano, Strings, Voice**

1 Semester Hour

First year of private applied lessons for non-majors, nonminors

(repeatable credit).

Permission of instructor required.

MUSC 221**Music Theory and Form III**

3 Semester Hours

Introduction to modal species counterpoint, fugal process, fundamentals of formal analysis, binary and ternary forms, and further chromatic harmony and voice leading, including borrowed chords, the Neapolitan, and augmented 6th chords.

Prerequisite: MUSC 122.

MUSC 222**Music Theory and Form IV**

3 Semester Hours

Introduction to song forms, rondo and sonata forms, and further chromatic harmony, including chromatic mediant relationships and enharmonic modulation. Introduction to 20th century concerns including modality, atonality, Impressionism, Expressionism, polyrhythm and polytonality, serial techniques, minimalism, and improvisation and chance.

Prerequisite: MUSC 221.

MUSC 235**Instrumentation**

2 Semester Hours

Ranges, limits, use possibilities, technical parameters, and transpositions of instruments used for the making of music in performance.

Prerequisite: MUSC 122.

MUSC 280**Guitar, Percussion, Piano, Strings, Voice**

1 Semester Hour

Third semester of private applied lessons in the major.

Prerequisite: MUSC 181.

Corequisite: MUSC 101.

MUSC 281**Guitar, Percussion, Piano, Strings, Voice**

1 Semester Hour

Fourth semester of private applied lessons in the major.

Prerequisite: MUSC 280.

Corequisite: MUSC 101.

MUSC 282**Guitar, Percussion, Piano, Strings, Voice**

1 Semester Hour

Second year of private applied lessons for non-majors (repeatable credit).

Permission of instructor required.

MUSC 303**Introduction to World Music Cultures**

3 Semester Hours

A preliminary survey of traditional and “syncretic” popular musics, chosen from a representative world sample. Activities include guided listening (with some in-class performance), cultural analysis, and discussion of contemporary issues.

MUSC 304**Topics in World Music Cultures**

3 Semester Hours

A closer investigation of four music cultures chosen from a world sample. Activities include continuing application of musical and cultural concepts as well as critical examination of ethnomusicological perspectives.

Prerequisite: MUSC 303.

MUSC 309**History/Literature of the Guitar**

3 Semester Hours

The development of the guitar and related plucked instruments from the Renaissance to the present; a survey of notational systems, techniques, historical styles, and the representative works for the lute, vihuela, five-course guitar, and six-string guitar.

Prerequisite: MUSC 281.

MUSC 310**Instrumental Pedagogy***3 Semester Hours*

Research, concepts, and methodology common to the teaching of instruments.

Prerequisite: MUSC 222.

MUSC 316**Music History: Antiquity to 1600***3 Semester Hours*

A historical survey of Western music traditions from antiquity and early chants through the Renaissance (1600). Includes methodology and procedures which are fundamental to scholarly research and inquiry in musicology.

Prerequisite: MUSC 122.

MUSC 317**Music History: 1600-1820***3 Semester Hours*

A continuation of the historical survey of Western music traditions from the Baroque Era (1600) through the Classic Era (1820). Includes methodology and procedures which are fundamental to scholarly research and inquiry in musicology.

Prerequisite: MUSC 316.

MUSC 318**Music History: 1820 to Present***3 Semester Hours*

A continuation of the historical survey of Western music traditions from the beginnings of Romanticism through the milieu of twentieth-century music, concluding with current practices and trends. Includes methodology and procedures which are fundamental to scholarly research and inquiry in musicology.

Prerequisite: MUSC 317.

MUSC 319**Analytic Techniques***3 Semester Hours*

The study of concerto and variation forms, tonal pairing and other 19th century developments, and an introduction to linear-graphic analysis and set theory.

Prerequisite: MUSC 222.

MUSC 320**Notation and Copying***1 Semester Hour*

A survey of the fundamentals of traditional musical notation, with emphasis on the development of practical notational skills. Includes Computer Assisted Instruction (CAI).

Prerequisite: MUSC 222.

MUSC 322**Modal Counterpoint***3 Semester Hours*

Introduction to the style of sixteenth-century counterpoint, as exemplified by the vocal works of Palestrina. Topics covered include species counterpoint, the setting of Latin texts, and techniques of mass composition.

Prerequisite: MUSC 221.

MUSC 323**Tonal Counterpoint***3 Semester Hours*

Introduction to the style of eighteenth-century counterpoint, as exemplified by the instrumental works of J.S. Bach. Techniques and procedures covered include species counterpoint, canon, invention, and fugue.

Prerequisite: MUSC 221.

MUSC 325**Music for the Recordist***3 Semester Hours*

An in-depth investigation of the businesses of music as they apply to the recording and entertainment industry.

MUSC 328**Choral Methods I***2 Semester Hours*

Practical aspects of choral techniques ranging from the audition through the working rehearsal with emphasis on development of choral tone, phrasing, articulation, dynamics, blend, and balance, as well as selection of repertoire.

Prerequisites: MUSC 281 (voice), 332, and 491 or 495.

MUSC 330**Score Reading I***2 Semester Hours*

Score reading preparation of concert and transposed musical scores involving two through six parts including the use of multiple clefs.

Prerequisite: MUSC 333.

MUSC 331
Score Reading II
2 Semester Hours

Score reading preparation of concert and transposed scores involving seven or more diverse instrumentations including the use of multiple clefs.

Prerequisite: MUSC 330.

MUSC 332
Choral Conducting
2 Semester Hours

Basic conducting skills, technical and expressive uses of the conducting gesture, and methods of verbal and nonverbal communication appropriate to a choral ensemble.

MUSC 333
Instrumental Conducting
2 Semester Hours

Basic conducting skills, technical and expressive uses of the conducting gesture, and methods of communication appropriate to an instrumental ensemble.

Prerequisite: MUSC 235.

MUSC 335
Accompanying I
1 Semester Hour

The literature and performance practices applicable for solo and small genre accompaniment.

Prerequisite: Consent of instructor.

MUSC 336
Accompanying II
1 Semester Hour

Continuation of 335.

Prerequisite: MUSC 335 or consent of instructor.

MUSC 340
Diction for Singers I
1 Semester Hour

Development and refinement of enunciation and performing skills in English, Italian, and Latin. An extensive working knowledge of the International Phonetic Alphabet will be acquired.

Prerequisite: Major or minor.

MUSC 341
Vocal Pedagogy
3 Semester Hours

Study of the physiology and acoustics of the voice and its application to singing and to the teaching of singing.

Prerequisite: Major or minor.

MUSC 342
Diction for Singers II
1 Semester Hour

Continuation of MUSC 340; emphasis on German and French.

Prerequisite: MUSC 340.

MUSC 343
Opera Scenes/Workshop
1-2 Semester Hours

Preparation of scenes from major operas in either staged or concert versions, and study of the complete works to aid singers in establishing context and characterization.

Repeatable credit.

Prerequisites: Audition after enrollment.

May be repeated for degree credit.

MUSC 344
Alexander Technique
0-1 Semester Hours

Basic skills of coordinated movement appropriate to stage work for vocalists and instrumentalists. Exploration of the elements of poise, postural habits, and style based on principles developed by F.M. Alexander.

Corequisite: MUSC 343.

May be repeated for degree credit.

MUSC 361
Music of Africa
3 Semester Hours

An in-depth investigation of differences found in Sub-Saharan and North African genres.

MUSC 365
History of Jazz
3 Semester Hours

Evolution of jazz from its African origins to the present.

MUSC 366**History of Rock***3 Semester Hours*

Evolution of rock and roll from its African-American origins to the present.

MUSC 367**History of Popular Music***3 Semester Hours*

Survey of the musical and cultural history of the diverse styles and artists associated with popular music. Exploration will range from rock to blues to hip hop to heavy metal to country. The course will consider the social, political, and cultural themes that influence and are influenced by music.

MUSC 380**Guitar, Percussion, Piano, Strings, Voice***1 Semester Hour*

Fifth semester of private applied lessons in the major.

Prerequisite: MUSC 281.

Corequisite: MUSC 101.

MUSC 381**Guitar, Percussion, Piano, Strings, Voice***1 Semester Hour*

Sixth semester of private applied lessons in the major.

Prerequisite: MUSC 380.

Corequisite: MUSC 101.

MUSC 382**Guitar, Percussion, Piano, Strings, Voice***1 Semester Hour*

Third year of private applied lessons for non-majors (repeatable credit).

Permission of instructor required.

MUSC 387**Music Composition I***1 Semester Hour*

The composition of original instrumental and vocal works for solo performers and small ensembles employing structures such as binary, ternary, and song forms.

Prerequisite: MUSC 222.

MUSC 388**Music Composition II***1 Semester Hour*

Continuation of 387.

Prerequisite: MUSC 387.

MUSC 401**Music in Native North America***3 Semester Hours*

A survey of traditional and contemporary music/dance within primary culture areas.

MUSC 402**Music of East, Central, and Southeast Asia***3 Semester Hours*

A historically-oriented survey of traditional, art, and popular genres within each region.

MUSC 403**Music of Indonesia***3 Semester Hours*

An exploration of performing arts in Java, Bali, and outer islands of the archipelago.

MUSC 404**Music of India***3 Semester Hours*

An exploration of performing arts in North and South India.

MUSC 405**Music in Contemporary Society***3 Semester Hours*

Using live performance as the springboard, the elements of music are examined from a cross-cultural perspective.

MUSC 407**Research and Methods in Ethnomusicology***1 Semester Hour*

A survey of the essential literature of ethnomusicology; introduction to field methods, transcription, and analysis.

Prerequisite: MUSC 303 or consent of instructor.

MUSC 412**Pre-Renaissance and Renaissance Music***3 Semester Hours*

The study of the major musical figures and their representative works from the chants of the early Christian church to the Baroque Era.

Prerequisites: MUSC 316, 317, and 318.

MUSC 413

Music of the Baroque

3 Semester Hours

Composers, music, and practices from 1600 to 1750 with emphasis on historical development culminating in the works of G.F. Handel and J.S. Bach.

Prerequisites: MUSC 316, 317, and 318.

MUSC 414

Music of the Classical Era

3 Semester Hours

Composers, music, and practices from 1750 to 1827 with emphasis on historical developments of musical trends through the works of Gluck, Haydn, Mozart, Beethoven, and Schubert.

Prerequisites: MUSC 316, 317, and 318.

MUSC 415

Music of the Romantic Age

3 Semester Hours

Composers, music, and musical developments from the death of Beethoven through the end of the nineteenth century.

Prerequisites: MUSC 316, 317, and 318.

MUSC 416

Music of the Twentieth-Century Era

3 Semester Hours

Composers, music, trends, and musical arts-related developments from the close of the nineteenth century through contemporary practices.

Prerequisites: MUSC 316, 317, and 318.

MUSC 425

Electronic Music

3 Semester Hours

The history and investigation of electronic, electroacoustic, and computer generated sounds as music composition and production tools.

Prerequisite: MUSC 222.

MUSC 426

Arranging and Scoring

1 Semester Hour

Principles, methods, formats, and techniques employed in arranging or scoring existing musical materials for instrumental or vocal genre in selected styles.

Prerequisite: MUSC 222.

MUSC 428

Choral Methods II

1 Semester Hour

Continuation of MUSC 328.

Prerequisite: MUSC 328.

MUSC 432

Advanced Choral Conducting

2 Semester Hours

Application of concepts and fundamentals experienced in MUSC 332, development and application of interpretive conducting skills through study of choral works representing the major style periods.

Prerequisite: MUSC 332.

MUSC 433

Advanced Instrumental Conducting

2 Semester Hours

Application of concepts and fundamentals experienced in MUSC 333, development and application of interpretive conducting skills through major orchestral works.

Prerequisite: MUSC 333.

MUSC 435

Instrumental Conducting Practicum

2 Semester Hours

Preparation and application of conducting skills with a departmental instrumental ensemble resulting in a recital performance appearance as a student conductor.

Prerequisite: MUSC 433.

MUSC 445

Choral Practicum

1 Semester Hour

In-depth study of choral rehearsal practices resulting in a senior project or conducting recital.

Prerequisite: MUSC 432.

MUSC 450

Senior Project/Recital

1 Semester Hour

Preparation and presentation of a solo performance in a student recital format.

Permission of Applied instructor, advisor, and chairperson required.

MUSC 454**World Music Ensembles I***0-1 Semester Hours*

Practice and performance of West African drumming and Balinese gamelan including both traditional and new compositions.

Prerequisite: Audition after enrollment.

May be repeated for degree credit.

MUSC 455**World Music Ensembles II***0-1 Semester Hours*

Practice and performance of intermediate-level techniques in West African drumming and xylophone as well as Balinese gamelan and gender wayang.

Prerequisites: MUSC 454; permission of instructor required.

May be repeated for degree credit.

MUSC 457**Music Management I***3 Semester Hours*

Subjects include but are not limited to: the music business system, professional songwriting, music publishing, music copyright, music licensing, unions and guilds, agents, managers and attorneys, artist management, concert promotion, theatrical production, music merchandising, and arts administration.

MUSC 458**Music Management II***3 Semester Hours*

Subjects include but are not limited to: scope of the record industry, record markets, artists' recording contracts, record production, record promotion, distribution and merchandising, studios and engineers, environmental music, music in radio, music in telecommunications, music in advertising, film scoring, career options, and career development.

Prerequisite: MUSC 457.

MUSC 480**Guitar, Percussion, Piano, Strings, Voice***1 Semester Hour*

Seventh semester of private applied lessons in the major.

Prerequisite: MUSC 381.

Corequisite: MUSC 101.

MUSC 481**Guitar, Percussion, Piano, Strings, Voice***1 Semester Hour*

Eighth semester of private applied lessons in the major.

Prerequisite: MUSC 480.

Corequisite: MUSC 101.

MUSC 482**Guitar, Percussion, Piano, Strings, Voice***1 Semester Hour*

Fourth year of private applied lessons for non-majors (repeatable credit).

Permission of instructor required.

MUSC 487**Music Composition III***1 Semester Hour*

The composition of original instrumental and vocal works for large ensembles employing extended structures such as sonata, rondo, variation, and concerto forms.

Prerequisite: MUSC 388.

MUSC 488**Music Composition IV***1 Semester Hour*

Continuation of MUSC 487.

Prerequisite: MUSC 487.

MUSC 490**Chamber Orchestra***0-1 Semester Hours*

Offers students and members of the community instruction in orchestral music through the study and performance of quality literature representing a variety of style periods and musical genre.

Prerequisite: Audition after enrollment.

May be repeated for degree credit.

MUSC 491**Consort Singers***0-1 Semester Hours*

Smaller, more advanced choral ensemble provides an opportunity for students to perform challenging choral literature from a wide range of composers and styles.

Should have previous choral experience.

Prerequisite: Audition after enrollment.

May be repeated for degree credit.

MUSC 492
Chamber Music Ensembles
0-1 Semester Hours

To gain an understanding of and to develop the skills necessary for small ensemble playing (includes guitar, string, and piano ensembles).

Prerequisite: Audition after enrollment; permission of instructor required (piano ensembles).

May be repeated for degree credit.

MUSC 493
Women's Chorus
0-1 Semester Hours

The ensemble explores and performs choral literature for treble voices.

Prerequisite: Audition after enrollment.

May be repeated for degree credit.

MUSC 494
Men's Chorus
0-1 Semester Hours

The ensemble explores and performs choral literature for male voices.

Prerequisite: Audition after enrollment.

May be repeated for degree credit.

MUSC 495
Concert Choir
0-1 Semester Hours

The large choral ensemble offers students and members of the community instruction in choral music with emphasis on vocal techniques as well as the study and performance of quality literature representing a variety of style periods and musical genres.

Prerequisite: Audition after enrollment.

May be repeated for degree credit.

MUSC 496
Theory Placement Practicum
0-1 Semester Hours

Review of selected topics from Music Theory & Form I-IV and techniques of preparation for theory placement examinations required by music graduate schools.

MUSC 497
Musicology Placement Practicum
0-1 Semester Hours

Techniques of preparation for musicology placement examinations required for entrance into music graduate school programs.

MUSC 498
Special Studies*
1-3 Semester Hours

MUSC 499
Independent Studies*
1-3 Semester Hours

* MUSC 498 and 499 may not be designated to stand in lieu of course content addressed by another course in the music curriculum, except by permission of the Chairperson.

Theatre Arts— Department of Theatre Arts and Dance

Faculty

Co-chairperson: Ron Marasco
 Professors: Katharine B. Free,
 Beth Henley (Distinguished Presidential Professor),
 Judith Royer, C.S.J.
 Associate Professors: Diane Benedict, Charles E. Erven,
 Ron Marasco
 Assistant Professors: Katharine M. Noon, Dan Weingarten,
 Kevin J. Wetmore, Jr.

Objectives

The Theatre Arts curriculum is planned to provide a broad education in the humanities and to develop in the student an appreciation of self and the universality of the human experience. Participation in the performing arts experience is central to this work. All students pursue a general theatre program. Some students may elect to emphasize work in the areas of acting, directing, playwriting, history/literature/criticism, or design/technical theatre. The Theatre Arts program is accredited by the National Association of Schools of Theatre.

Major Requirements

Lower Division Requirements:

24 semester hours: THEA 111, 120, 220, 240, 245, 250 (2 semesters), and 7 hours of lower division Theatre coursework planned in consultation with departmental advisor.

Upper Division Requirements:

30 semester hours: 9 hours of Theatre history/literature/criticism courses from the THEA 330s, 340s, 430s of which 3 semester hours must be chosen from THEA 347, 348, 349, 430, or 435; THEA 370, THEA 450 (3 semesters), THEA 490, and 12 hours of upper division Theatre electives.

A minimum grade of C (2.0) must be obtained in each course included in the major requirements.

Minor Requirements

18 semester hours divided into 6 semester hours of lower division work, 12 semester hours of upper division theatre offerings, and participation in Departmentally-sponsored events.

Minor programs must be planned in consultation with a departmental advisor. A minimum grade of C (2.0) must be obtained in each course included in the minor program.

Freshman Year

<i>Fall Semester</i>		S.H.
ENGL 110	College Writing	3
THEA 111	Intro to Theatre Performance.....	3
THEA 120	Basic Stagecraft.....	3
— —	Core	3
— —	Core	3
		—
		15

<i>Spring Semester</i>		S.H.
MATH 102	Quantitative Skills	3
MATH 103	Quantitative Skills Lab.....	0
THEA 220	Intro to Design.....	3
THEA 250	Practicum	1
THEA —	Elective.....	3
— —	Core	3
— —	Elective.....	3
		—
		16

Sophomore Year

<i>Fall Semester</i>		S.H.
THEA 240	Western Theatre Hist & Lit I.....	3
THEA 250	Theatre Practicum.....	1
THEA —	Elective.....	1
— —	Core	3
— —	Core	3
— —	Elective.....	3
		—
		14

<i>Spring Semester</i>		S.H.
THEA 245	Western Theatre Hist & Lit II	3
THEA ___	Elective.....	3
___ ___	Core	3
___ ___	Core	3
___ ___	Core	3
		15

Junior Year

<i>Fall Semester</i>		S.H.
THEA 370	Directing for Theatre I.....	3
THEA 450	Theatre Practicum.....	1
THEA ___	Hist/Lit/Crit	3
THEA ___	Elective.....	3
___ ___	Core	3
___ ___	Core	3
		16

<i>Spring Semester</i>		S.H.
THEA 450	Theatre Practicum.....	1
THEA ___	Hist/Lit/Crit	3
THEA ___	Elective.....	3
___ ___	Core	3
___ ___	Core	3
___ ___	Elective.....	3
		16

Senior Year

<i>Fall Semester</i>		S.H.
THEA 450	Theatre Practicum.....	1
THEA ___	Hist/Lit/Crit	3
THEA ___	Elective.....	3
THEA ___	Elective.....	1
___ ___	Core	3
___ ___	Elective.....	3
		14

<i>Spring Semester</i>		S.H.
THEA 490	Senior Project	3
THEA ___	Elective.....	2
___ ___	Core	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		14

This schedule is typical. The sequence and choice of courses must be decided in consultation with an advisor.

THEA 110
Beginning Acting
3 Semester Hours

An introduction to the interpretation of drama through the art of the actor. Designed for the non-major.

THEA 111
Introduction to Theatre Performance
3 Semester Hours

A study of acting, directing, and writing techniques that create the theatre event. (Fall)

Prerequisite: Theatre Arts majors/minors only.

THEA 112
Voice and Movement for Stage
3 Semester Hours

A practicum designed to develop and practice movement skills to free the natural voice for the actor.

Prerequisites: THEA 111 or equivalent experience, Theatre Arts majors/minors only.

THEA 120
Basic Stagecraft
3 Semester Hours

A practical study of modern theatrical practice with the purpose of developing the student's awareness of and sensitivity to the many different aspects of a theatre production: acting, directing, set design and construction, costumes, stage management, lighting, sound, make-up, as well as handling administration and publicity. Included is a lab format which provides practical experience and hands-on work in the scene shop.

Corequisite: THEA 121.

THEA 121**Basic Stagecraft Lab***0 Semester Hours*

A practical study of modern theatrical practice in a lab format which provides hands-on work in the scene shop.

Corequisite: THEA 120.

Offered for credit/no credit only.

THEA 210**Scene Study and Presentation***3 Semester Hours*

Concentrated approach to scene analysis and presentation. Emphasis on further development and integration of acting skills in voice, movement, interpretation, and characterization for performance. (Fall)

Prerequisites: THEA 111 or equivalent experience, Theatre Arts majors/minors only.

THEA 212**Genre Performance Workshop***3 Semester Hours*

An intensive study of the vocal, physical, and textual elements of selected styles and genres: Chekhov, Brecht, Shakespeare, or musical theatre. (Spring)

Prerequisites: THEA 210 or consent of instructor, Theatre Arts majors/minors only.

THEA 220**Introduction to Basic Scene, Lighting, and Costume Design***3 Semester Hours*

A practical study of the elements and principles inherent in all modern theatrical design with the purpose of developing the students' awareness of and sensitivity to design in the world around them.

Lab included.

THEA 221**Visual Communication 2D***3 Semester Hours*

This course refines the sense of color and design begun in earlier courses by enhancing students' responsiveness to visual form, organization, and structure. By learning basic sketching and painting techniques in a variety of media, this course examines methods and procedures for effective communication and realization of visual concepts.

Prerequisite: THEA 220 or consent of instructor.

THEA 222**Visual Communication 3D***3 Semester Hours*

Building on the lessons learned in THEA 221, this course applies various sceno-graphic techniques used in the various stages of planning and executing a setting for the theatre. It seeks to bring together for the special use of drafting techniques selected portions of descriptive geometry, pattern making or developments from engineering drawing, model construction, and the graphics of perspective.

Prerequisite: THEA 221 or consent of instructor.

THEA 225**Basic Stage Make-Up***2 Semester Hours*

The art and application of stage make-up. Recommended for acting students and cast members.

THEA 240**Western Theatre History and Literature I***3 Semester Hours*

A study of the theatre (literature, playhouse, performance conventions) of the ancient Greek and Roman worlds, the Medieval world, the Renaissance, and the Elizabethan period. (Fall)

THEA 245**Western Theatre History and Literature II***3 Semester Hours*

A study of the theatre (literature, playhouse, performance conventions) from the 17th century to the 20th century. (Spring)

THEA 250**Theatre Practicum: Crew***1-3 Semester Hours*

Participation in production in Theatre and Dance presentations. May be repeated for credit up to 9 semester hours.

Prerequisite: Theatre Arts majors/minors only.

THEA 251**Theatre Practicum: Performance***1-3 Semester Hours*

Participation in performance in theatre presentations.

May be repeated for credit up to 9 semester hours.

Prerequisite: By audition.

THEA 252**Workshop: Playwrights and Actors***1-3 Semester Hours*

The development of new scripts through several possible stages of interaction between actors and writers, leading to staged readings and/or workshop productions. May be repeated for credit up to 9 semester hours.

Prerequisites: Theatre Arts majors/minors only, consent of instructor.

THEA 298**Special Studies***1-3 Semester Hours*

THEA 299**Independent Studies***1-3 Semester Hours*

THEA 300**Theatre in Los Angeles***3 Semester Hours*

Theatre-going and appreciation designed for the potential audience member through first-hand meetings with theatre artists and attendance at Los Angeles productions. Lab fee.

THEA 312**Voice Development***3 Semester Hours*

The development of the full range of expressiveness in the speaking voice.

THEA 314**Intermediate Acting for Non-Majors***3 Semester Hours*

A continuation of THEA 110.

Prerequisite: THEA 110 or consent of instructor.

THEA 315**Alexander Technique***3 Semester Hours*

A course for actors and other performers to improve the use of their bodies, voices, and breathing. Through application of the Alexander Technique, interfering habits of tension and personality are transformed for greater command over the physical and emotional instrument. Movement ease and coordination as well as improved posture are achieved through informed choices.

Prerequisites: Theatre Arts majors/minors only, consent of instructor.

THEA 320**Intermediate Scene Design***3 Semester Hours*

This course examines the theory and practice of scene design and manipulation of stage space. Special emphasis is placed on the development of a point of view toward the production of the play as related to all aspects of theatrical design.

Prerequisite: Consent of instructor.

THEA 321**Intermediate Lighting Design***3 Semester Hours*

This course examines the theory and practice of lighting design. The core of this course is a series of discovery projects using minimal resources, to explore the use of light in the theatre. Through this exploration, students will discover a variety of approaches to developing a successful lighting design.

Prerequisite: Consent of instructor.

THEA 322**Intermediate Costume Design and Construction***3 Semester Hours*

This course examines the craft of designing, planning, and constructing costumes, including beginning pattern-drafting.

Prerequisite: Consent of instructor.

THEA 324**Intermediate Technical Theatre***3 Semester Hours*

This course illustrates the array of accepted responsibilities that are needed to operate a scene shop efficiently. Construction techniques, drafting, problem solving, estimating, and scheduling are among a few topics covered.

Prerequisite: Consent of instructor.

THEA 331**Classical Spirit in Drama***3 Semester Hours*

An exploration of the classical drama throughout major periods.

THEA 336**Romantic Spirit in Drama***3 Semester Hours*

An exploration of the romantic drama throughout major periods.

THEA 341**Realistic Spirit in Drama***3 Semester Hours*

An exploration of the realistic drama throughout major periods.

THEA 346**Avant-Garde Spirit in Drama***3 Semester Hours*

An exploration of the avant-garde drama throughout major periods.

THEA 347**African Spirit in Drama***3 Semester Hours*

An exploration of African theatre and theatre of the African diaspora in the United States, the Caribbean, and elsewhere.

THEA 348**Asian Spirit in Drama***3 Semester Hours*

An exploration of the Asian drama throughout major periods.

THEA 349**Hispanic Spirit in Drama***3 Semester Hours*

An exploration of theatre of the Spanish language in the Western Hemisphere and in Europe, as well as theatre of the Latin traditions in the United States.

THEA 361**Acting: Method and Technique***3 Semester Hours*

A hands-on exploration of varied approaches to actor training and technique in order to enable students to develop individual approaches to working with a text in preparation for performance.

Prerequisites: Theatre Arts majors/minors only, consent of instructor.

THEA 363**Acting: Embodying the Text***3 Semester Hours*

Work in placing the focus on the analysis of text and language with particular attention to bringing the text into the body. The class uses physical performance techniques in order to create fully present actors who can embody a wide range of characters. The course challenges the actors' perceived limitations both physically and vocally.

Prerequisites: Theatre Arts majors/minors only, consent of instructor.

THEA 366**Acting for the Camera***3 Semester Hours*

This course explores the elements of acting for camera work in television and film.

Prerequisites: Theatre Arts majors/minors only, consent of chair and instructor.

THEA 370**Directing for the Theatre I***3 Semester Hours*

An introduction to directing as the synthesizing art of the theatre. The director is considered an artist and craftsman (Fall).

Prerequisites: Theatre Arts majors/minors only, consent of chair and instructor.

THEA 375**Directing for the Theatre II***3 Semester Hours*

Continuation of THEA 370, with emphasis on advanced theory and practicum.

Prerequisites: THEA 370, Theatre Arts majors/minors only, consent of chair and instructor.

THEA 398**Special Studies***1-3 Semester Hours***THEA 399****Independent Studies***1-3 Semester Hours***THEA 400****Playwriting***3 Semester Hours*

An introduction to the techniques of writing one-act plays for the theatre.

THEA 422**Advanced Costume Design**

3 Semester Hours

Advanced study in theatre costume construction including pattern-making, advanced sewing techniques, and millinery.

Prerequisite: THEA 322 or consent of instructor.

THEA 425**Scene Painting**

3 Semester Hours

This course is a guide to the tools and techniques used in modern scene painting.

Prerequisite: Consent of instructor.

THEA 426**Advanced Scene and Lighting Design**

3 Semester Hours

This course is an advanced study of scene design and lighting design for the theatre with emphasis on their roles as creative members of a collaborative team.

Prerequisites: THEA 320 and 321.

THEA 430**Special Author/Genre Seminar**

3 Semester Hours

Study of Shakespeare or other topics in selected authors and/or dramatic genres. May be repeated only when a different genre and/or author is studied.

THEA 435**Special Period Seminar**

3 Semester Hours

Study of 20th Century American Drama, American Drama through the 19th Century, Modern British Playwrights, 17th and 18th Century Comedy, or other topics in theatre history. May be repeated only when a different topic and/or period is studied.

THEA 450**Theatre Practicum: Crew**

1-3 Semester Hours

Participation in production in Theatre and Dance presentations. May be repeated for credit up to 9 semester hours.

Prerequisites: THEA 250, Theatre Arts majors/minors only.

THEA 451**Theatre Practicum: Performance**

1-3 Semester Hours

Participation in performance in Theatre presentations. May be repeated for credit up to 9 semester hours.

Prerequisite: By audition.

THEA 452**Advanced Workshop: Playwrights and Actors**

1-3 Semester Hours

The development of new scripts through several possible stages of interaction between actors and writers, leading to staged readings and/or workshop productions. May be repeated for credit up to 9 semester hours.

Prerequisites: Theatre Arts majors/minors only, consent of instructor.

THEA 461**Acting: Special Genre**

3 Semester Hours

Acting techniques and style for particular genres such as musical theatre, Shakespeare, Molière, and ancient Greek drama.

Prerequisites: Theatre Arts majors/minors only, consent of instructor.

THEA 463**Acting: Auditions and Cold Reading**

3 Semester Hours

This course is structured to give the advanced actor practical experience learning the techniques and developing the effective skills for the interview and cold reading process in order to get professional work. Students will develop an effective and organized business approach toward their careers by learning how to market their talent, acquire an effective headshot, and organize a professional resume for the auditioning process.

Prerequisites: Theatre Arts majors/minors only, consent of instructor.

THEA 467**Career Development**

3 Semester Hours

A course in the how-to's of getting professional work in theatre, television, and film. Visits with agents and casting directors, the development of a professional portfolio, and a professional showcase are aspects of the course.

Prerequisites: Theatre Arts majors/minors only, consent of chairperson and instructor.

THEA 490

Senior Thesis: Project

3 Semester Hours

Preparation and presentation of performance or research thesis.

Prerequisites: Theatre Arts majors only, consent of instructor.

THEA 498

Special Studies

1-3 Semester Hours

THEA 499

Independent Studies

1-3 Semester Hours

Frank R. Seaver College of Science and Engineering



Frank R. Seaver College of Science and Engineering

Administration

Dean: Richard G. Plumb
Associate Dean: W. Thomas Calder
Associate Dean: Jeff Sanny
Graduate Director: Joseph C. Reichenberger

College Mission Statement

The mission of the College is to provide students with the best possible education in science, engineering, and mathematics in a nurturing environment of individual attention and concern with particular emphasis on selflearning, service to society, and ethical behavior.

College Goals

Particularly applicable to the College are these goals: (1) to develop in the student the understanding that education is a self-discipline, and to place a greater responsibility for learning on the individual, (2) to integrate ethics into the curriculum in order to develop personal and professional integrity, (3) to help the student to become cognizant of the changing needs of humankind while interpreting and implementing the ever-increasing body of knowledge, (4) to encourage the student to recognize the wide applicability of scientific, engineering, and mathematical methods and to become skillful in their use, (5) to prepare the student for a world of accelerating scientific and technological change, (6) to impress upon the student that education must be a continuous process throughout one's professional career, and (7) to enable the Loyola Marymount graduate, through theological and philosophical studies, to make absolute and genuinely intellectual decisions and commitments about truth as it exists in the world and about one's own nature as a human being.

Programs

The College offers degree programs in Applied Mathematics, Athletic Training, Biochemistry, Biology, Chemistry, Civil Engineering, Computer Science, Electrical Engineering, Engineering Physics, Environmental Science, Individualized Studies, Mathematics, Mechanical Engineering, Natural Science, Physics, and Systems Engineering. Frank R. Seaver College of Science and Engineering faculty also teach the math, science and technology component of the University core curriculum.

Courses numbered from 260-279 are designed specifically to meet the University core requirements in math, science and technology for students not majoring within the College. With the exception of MATH 101, other lower-division courses in the College may also satisfy University core requirements. Check with your Dean's office.

Application of General University Requirements

The University requirements for admission and graduation and all general rules and regulations of the University as set forth in this Bulletin are applicable to and binding upon all students enrolled in the Frank R. Seaver College of Science and Engineering.

Degrees Offered

Bachelor of Arts in: Biology and Mathematics

Bachelor of Science in Engineering in: Civil, Electrical, and Mechanical Engineering

Bachelor of Science in: Applied Mathematics, Athletic Training, Biochemistry, Biology, Chemistry, Computer Science, Engineering Physics, Environmental Science, Individualized Studies, Mathematics, Natural Science, and Physics

Master of Arts in Teaching in: Mathematics

Master of Science in Engineering in: Civil, Electrical, and Mechanical Engineering

Master of Science in: Computer Science, Environmental Science, and Systems Engineering

Teacher Preparation Programs

The College offers subject matter preparation programs in mathematics and in science specifically designed to meet State of California subject matter requirements for a secondary teaching credential. Both the Bachelor of Arts degree in Mathematics (see the Mathematics section) and the Bachelor of Science degree in Natural Science following the secondary science emphasis in either Biology or Chemistry (see the Natural Science section) are designed to allow completion of the 2042 California Preliminary Single Subject (Secondary) credential in four years. These programs are offered in conjunction with the School of Education. The College also offers courses in mathematics and science to support the multiple subject credential program for teaching elementary school (see the Liberal Studies section in the Liberal Arts part of the Bulletin).

All students interested in teaching mathematics or science at the secondary level should inform their departmental advisors as soon as possible and should also contact the School of Education to arrange a time to attend an Undergraduate Information Session.

The Center for Student Success in Science and Engineering

The Center for Student Success in Science and Engineering is designed to provide a wide range of services and special activities aimed at enhancing students' academic performance and career potential. The services provided include career workshops, counseling on summer jobs and research internships, counseling on graduate school, Academic Excellence Workshops, support for science and engineering clubs, and community outreach to local high schools, including a science and engineering summer camp. For more information about the Center for Student Success in Science and Engineering, contact Barbara A. Christie, Ph.D., Director, at (310) 258-8647 or bchristie@lmu.edu.

Core Curriculum

Students in the Frank R. Seaver College of Science and Engineering will follow core curriculum A, B, or C below, depending on degree plan.

Note: Engineering and Engineering Physics students should follow Core Curriculum B.

A. Core Curriculum for the Bachelor of Science Degree

American Cultures

3 Semester Hours

Course Selection

First- and second-year students choose from any lower division course listed or cross-listed as AMCS. Third- and fourth-year students choose from any upper division course listed or cross-listed as AMCS. A single course will generally not fulfill two core requirements. The only exception is a course that satisfies another core requirement which is also cross-listed as AMCS.

College Writing

3 Semester Hours

Course Selection

ENGL 110 will fulfill the college writing requirement. ENGL 100 will not fulfill the college writing requirement but is required of certain students based on their performance in the essay administered in all ENGL 110 sections during the first week of classes. A minimum grade of C (2.0) is required in ENGL 110. All students who receive a grade of C- or lower must retake ENGL 110 as soon as possible.

Choose: ENGL 110.

Communication or Critical Thinking

3 Semester Hours

Course Selection

Communication:

Choose from CMST 100, 110, 130, or 140.

OR Critical Thinking:

Choose from CMST 206 or PHIL 220.

Critical/Creative Arts

3 Semester Hours

Course Selection

Choose from ANIM 120; ART 150, 250, 350; DANC 163; MUSC 105, 106; THEA 110, 400.

History*3 Semester Hours*

Course Selection

This requirement is satisfied by taking one course from Western Civilization.

Western Civilization:

Choose from HIST 100 or 101.

Literature*3 Semester Hours*

Course Selection

Choose from CLCV 200, 210, 220, 230; ENGL 130, 140, 150, 170; FNLT 180; THEA 240, 245, 331, 336, 341, 346, 347, 348, 349, or 430.

Prerequisite: Successful completion of college writing requirement.

Mathematics, Science and Technology*18 Semester Hours*

Course Selection

This requirement is met by the curriculum of the major.

Philosophy*6 Semester Hours*

Course Selection

Lower Division:

Choose PHIL 160. Transfer students who enter LMU with a minimum of sixty (60) accepted transfer hours are exempted from the lower division requirement.

Upper Division:

Choose one course from PHIL 320 through 330.

Social Sciences*6 Semester Hours*

Student must select one of the following options:

1. Select two courses from ECON 100, 105, 110, 120; GEOG 100; POLS 135, 155; PSYC 100; SOCL 100 or 105.

Courses must be from different departments.

2. Select one course from: AFAM 115, APAM 117, CHST 116, or WNST 100; and one course from ECON 100, 105, 110, 120; GEOG 100; POLS 135, 155; PSYC 100; SOCL 100 or 105.

3. Select two courses from the same department. The first is selected from ECON 100, 105, 110, 120; GEOG 100; POLS 135, 155; PSYC 100; SOCL 100 or 105. The second course in the same department is selected from upper division courses that the student is qualified to take.

Theological Studies*6 Semester Hours*

Course Selection

Lower Division:

Choose from the 100-level series of THST courses. Transfer students who enter LMU with a minimum of sixty (60) accepted transfer hours are exempted from the lower division requirement.

Upper Division:

Choose from the 300-level series of THST courses only.

Note: International/Global Studies

The current core curriculum includes many courses dealing with international and global studies. All students are required to complete History 100 or 101 which deal with European culture. In addition, it is recommended that students take additional core courses which include the study of European cultures such as: CLCV 200, 210, 220; FNLT 180; THEA 240, 245, 331, 336, 341; THST 320, 322, 331.

To further augment the understanding of world cultures, it is recommended that students also choose at least one core course that includes the study of Africa, Asia, the Pacific, or Latin/Indigenous America. These core courses include: GEOG 100; POLS 155; SOCL 105; THEA 348; THST 180, 381, 382, 383, 384, 385.

Recommendations

Students are encouraged to enrich their program of study with selected electives from the following areas. Consult the Bulletin for specific offerings.

Business

Students are encouraged to take a course in the issues of business. Consult the Bulletin listings.

Computer Skills

Students are expected to become proficient in computer skills. Courses or workshops may be taken to help students develop existing skills.

Foreign Language

Students are encouraged to study foreign languages to the intermediate level. LMU offers Chinese, Filipino, French, German, Greek (Modern and Classical), Italian, Japanese, Latin, and Spanish on a regular basis.

International/Global Studies

Students are encouraged to select elective courses that deal with international and/or global issues. Consult the Bulletin listings.

Study Abroad

A semester of international study abroad is also recommended. Consult the Study Abroad Office.

B. Core Curriculum for the Bachelor of Science in Engineering or the Bachelor of Science in Engineering Physics Degree

American Cultures

3 Semester Hours

Course Selection

First- and second-year students choose from any lower division course listed or cross-listed as AMCS. Third- and fourth-year students choose from any upper division course listed or cross-listed as AMCS. A single course will generally not fulfill two core requirements. The only exception is a course that satisfies another core requirement which is also cross-listed as AMCS.

College Writing

3 Semester Hours

Course Selection

ENGL 110 will fulfill the college writing requirement. ENGL 100 will not fulfill the college writing requirement but is required of certain students based on their performance in the essay administered in all ENGL 110 sections during the first week of classes. A minimum grade of C (2.0) is required in ENGL 110. All students who receive a grade of C- or lower must retake ENGL 110 as soon as possible.

Choose: ENGL 110.

Communication or Critical Thinking

3 Semester Hours

Course Selection

Communication:

Choose from CMST 100, 110, 130, or 140.

OR Critical Thinking:

Choose from CMST 206 or PHIL 220.

Critical/Creative Arts

3 Semester Hours

Course Selection

Choose from ANIM 120; ART 150, 250, 350; DANC 163; MUSC 105, 106; THEA 110, 400.

History

3 Semester Hours

Course Selection

This requirement is satisfied by taking one course from Western Civilization.

Western Civilization:

Choose from HIST 100 or 101.

Literature

3 Semester Hours

Course Selection

Choose from CLCV 200, 210, 220, 230; ENGL 130, 140, 150, 170; FNLT 180; THEA 240, 245, 331, 336, 341, 346, 347, 348, 349, or 430.

Prerequisite: Successful completion of college writing requirement.

Mathematics, Science and Technology

18 Semester Hours

Course Selection

This requirement is met by the curriculum of the major.

Philosophy

6 Semester Hours

Course Selection

Lower Division:

Choose PHIL 160. Transfer students who enter LMU with a minimum of sixty (60) accepted transfer hours are exempted from the lower division requirement.

Upper Division:

Choose one course from PHIL 320 through 330.

Social Sciences

6 Semester Hours

For students pursuing a Bachelor of Science in Engineering or Engineering Physics degree, this requirement is met by the major curricula.

Theological Studies*6 Semester Hours*

Course Selection

Lower Division:

Choose from the 100-level series of THST courses. Transfer students who enter LMU with a minimum of sixty (60) accepted transfer hours are exempted from the lower division requirement.

Upper Division:

Choose from the 300-level series of THST courses only.

Note: International/Global Studies

The current core curriculum includes many courses dealing with international and global studies. All students are required to complete History 100 or 101 which deal with European culture. In addition, it is recommended that students take additional core courses which include the study of European cultures such as: CLCV 200, 210, 220; FNLT 180; THEA 240, 245, 331, 336, 341; THST 320, 322, 331.

To further augment the understanding of world cultures, it is recommended that students also choose at least one core course that includes the study of Africa, Asia, the Pacific, or Latin/Indigenous America. These core courses include: THST 180, 361, 382, 383, 384, 385.

Recommendations

Students are encouraged to enrich their program of study with selected electives from the following areas. Consult the Bulletin for specific offerings.

Business

Students are encouraged to take a course in the issues of business. Consult the Bulletin listings.

Computer Skills

Students are expected to become proficient in computer skills. Courses or workshops may be taken to help students develop existing skills.

Foreign Language

Students are encouraged to study foreign languages to the intermediate level. LMU offers Chinese, Filipino, French, German, Greek (Modern and Classical), Italian, Japanese, Latin, and Spanish on a regular basis.

International/Global Studies

Students are encouraged to select elective courses that deal with international and/or global issues. Consult the Bulletin listings.

Study Abroad

A semester of international study abroad is also recommended. Consult the Study Abroad Office.

C. Core Curriculum for the Bachelor of Arts Degree

American Cultures*3 Semester Hours*

Course Selection

First- and second-year students choose from any lower division course listed or cross-listed as AMCS. Third- and fourth-year students choose from any upper division course listed or cross-listed as AMCS. A single course will generally not fulfill two core requirements. The only exception is a course that satisfies another core requirement which is also cross-listed as AMCS.

College Writing*3 Semester Hours*

Course Selection

ENGL 110 will fulfill the college writing requirement. ENGL 100 will not fulfill the college writing requirement but is required of certain students based on their performance in the essay administered in all ENGL 110 sections during the first week of classes. A minimum grade of C (2.0) is required in ENGL 110. All students who receive a grade of C- or lower must retake ENGL 110 as soon as possible.

Choose: ENGL 110.

Communication or Critical Thinking*3 Semester Hours*

Course Selection

Communication:

Choose from CMST 100, 110, 130, or 140.

OR Critical Thinking:

Choose from CMST 206 or PHIL 220.

Critical/Creative Arts

6 Semester Hours

Course Selection

This requirement is satisfied by taking one course from Critical Arts and one course from Creative Arts.

Critical Arts:

Choose from ANIM 100; ARHS 200, 201, 202, 321, 340, 345; DANC 281, 381; FTVS 210, 314, 315; MUSC 102, 104, 303, 365; THEA 240, 245, 331, 336, 341, 346, 347, 348, 349, or 430.

Creative Arts:

Choose from ANIM 120; ART 150, 151, 153, 278, 280, 350; DANC 163; ENGL 205, 311 (Prerequisite 201), 312 (Prerequisite 202); MUSC 105, 106, 107; PROD 200; SCWR 220; THEA 110, 400.

History

6 Semester Hours

Course Selection

This requirement is satisfied by taking one course from Western Civilization and one course from Contemporary Societies.

Western Civilization:

Choose from HIST 100 or 101.

Contemporary Societies:

Choose from HIST 152, 162, 172, 182, or 192.

Literature

3 Semester Hours

Course Selection

Choose from CLCV 200, 210, 220, 230; ENGL 130, 140, 150, 170; FNLT 180; THEA 240, 245, 331, 336, 341, 346, 347, 348, 349, or 430.

Prerequisite: Successful completion of college writing requirement.

Mathematics, Science and Technology

18 Semester Hours

Course Selection

This requirement is met by the curriculum of the major.

Philosophy

6 Semester Hours

Course Selection

Lower Division:

Choose PHIL 160. Transfer students who enter LMU with a minimum of sixty (60) accepted transfer hours are exempted from the lower division requirement.

Upper Division:

Choose one course from PHIL 320 through 330.

Social Sciences

6 Semester Hours

Student must select one of the following options:

1. Select two courses from ECON 100, 105, 110, 120; GEOG 100; POLS 135, 155; PSYC 100; SOCL 100 or 105.

Courses must be from different departments.

2. Select one course from: AFAM 115, APAM 117, CHST 116, or WNST 100; and one course from ECON 100, 105, 110, 120; GEOG 100; POLS 135, 155; PSYC 100; SOCL 100 or 105.

3. Select two courses from the same department. The first is selected from ECON 100, 105, 110, 120; GEOG 100; POLS 135, 155; PSYC 100; SOCL 100 or 105. The second course in the same department is selected from upper division courses that the student is qualified to take.

Theological Studies

6 Semester Hours

Course Selection

Lower Division:

Choose from the 100-level series of THST courses. Transfer students who enter LMU with a minimum of sixty (60) accepted transfer hours are exempted from the lower division requirement.

Upper Division:

Choose from the 300-level series of THST courses only.

Note: International/Global Studies

The current core curriculum includes many courses dealing with international and global studies. All students are required to complete History 100 or 101 which deal with European culture. In addition, it is recommended that students take additional core courses which include the study of European cultures such as: ARHS 200, 201, 202; CLCV 200, 210, 220; DANC 281; FILM 314; FNLT 180; MUSC 102; THEA 240, 245, 331, 336, 341; THST 320, 322, 331.

To further augment the understanding of world cultures, it is recommended that students also choose at least one core course that includes the study of Africa, Asia, the Pacific, or Latin/Indigenous America. These core courses include: ARHS 321; DANC 381; GEOG 100; HIST 172, 182; MUSC 303, 365; POLS 158; SOCL 105; THEA 348; THST 180, 381, 382, 383, 384, 385.

Recommendations

Students are encouraged to enrich their program of study with selected electives from the following areas. Consult the Bulletin for specific offerings.

Business

Students are encouraged to take a course in the issues of business. Consult the Bulletin listings.

Computer Skills

Students are expected to become proficient in computer skills. Courses or workshops may be taken to help students develop existing skills.

Foreign Language

Students are encouraged to study foreign languages to the intermediate level. LMU offers Chinese, Filipino, French, German, Greek (Modern and Classical), Italian, Japanese, Latin, and Spanish on a regular basis.

International/Global Studies

Students are encouraged to select elective courses that deal with international and/or global issues. Consult the Bulletin listings.

Study Abroad

A semester of international study abroad is also recommended. Consult the Study Abroad Office.

Biology

Faculty

Chairperson: Martin Ramirez

Professors: Michael Danciger, Roy S. Houston,

Anthony P. Smulders, CFMM, John P. Waggoner III

Associate Professors: Philippa M. Drennan, Gary Kuleck,

M. Catharine McElwain, Martin Ramirez

Assistant Professors: Wendy J. Binder, Kam D. Dahlquist,

Carl R. Urbinati

The mission of the Biology Department is to promote an appreciation for and understanding of the science of biology in our students. The particular objectives of the Biology Department are to: (1) provide students with a broad background in the biological sciences; (2) enable students to master the essential concepts of biology; (3) develop students' ability to think critically about scientific information and solve scientific problems; (4) enable students to articulate ideas and present information in both written and oral forms in a clear, organized fashion; (5) teach students the skills of both field and laboratory biology, and enable them to participate directly in the scientific discovery process; (6) facilitate students' independent exploration of career opportunities; and (7) participate in the University's effort to educate nonscience majors in the areas of science and technology.

The B.S. in Biology

The B.S. in Biology degree prepares students for a variety of careers following graduation. Substantial numbers of students go on to health professional schools to study medicine, dentistry, pharmacy, optometry, podiatric medicine, and veterinary medicine. Other students go on to various graduate programs in the basic biological sciences (e.g., physiology, genetics, molecular biology, immunology, microbiology, marine biology, ecology, etc.), college teaching, and positions in industry and in research and development.

The B.S. in Biology program provides for the opportunity to double major in Biology-Chemistry, Biology-Physics, Biology-Mathematics, Biology-Engineering, and Biology-Psychology. A special option is available in Marine Biology.

Major Requirements, Lower Division: for the B.S. in Biology

BIOL 101*, 102*, 111*, 112*, 201*, 202*; CHEM 110*, 111*, 112*, 113*, 220, 221, 222, 223; MATH 122*, 123 (MATH 131, 132 may be substituted for MATH 122, 123); PHYS 253, 254, 255, 256.

* A student must complete with a C (2.0) average the lower division requirements indicated by asterisks, including a C (2.0) average in BIOL 101, 102, 111, 112, 201, and 202, prior to becoming eligible to take any upper division biology course.

The B.A. in Biology

The B.A. in Biology degree is a general liberal arts and sciences program. The core curriculum for the B.A. in Biology is identical to that of the Bellarmine College of Liberal Arts except no additional core Mathematics, Science and Technology courses are required. The B.A. will allow for a double major with other liberal arts programs. Preprofessional students should select the program leading to the B.S. degree.

Major Requirements, Lower Division: for the B.A. in Biology

BIOL 101*, 102*, 111*, 112*, 201*, 202*; CHEM 110*, 111*, 112*, 113*, 220, 6 semester hours of mathematics to include MATH 122*, plus 3.0 additional semester hours in science to be approved by the Department Chairperson.

* A student must complete with a C (2.0) average the courses indicated with an asterisk, including a C (2.0) average in BIOL 101, 102, 111, 112, 201, 202, prior to becoming eligible to take any upper division biology course.

Major Requirements, Upper Division: (both B.S. and B.A. in Biology)

27 (B.S.) or 24 (B.A.) upper division semester hours in Biology, to be selected from the groups listed below, and to include at least 4 laboratory courses.

- One course in Cell/Organism Function, to be selected from BIOL 351, 353, 356, 357, 371.
- One course in Molecular Biology, to be selected from BIOL 330, 437, 439, 443.
- One course in Organismal Diversity, to be selected from BIOL 312, 328, 329, 333, 334, 335, 361, 421, 422.
- One course in Populations, to be selected from BIOL 315, 316, 318, 328, 329, 422, 423, 475, 477.

Note: BIOL 328, 329, or 422 can satisfy only (c) or (d).

- One 2 semester hour seminar or research course.
- 3 (B.S.) or 2 (B.A.) additional upper division biology courses.

- (g) The above requirements must also include one plant biology course to be selected from BIOL 312, 315, 353, 371, 437, and one field biology course to be selected from BIOL 312, 318 plus 319, 328, 329, 333, 421, 422, 423 (BIOL 312 can satisfy only one of these two categories).

In addition to the 27 or 24 required semester hours, upper division biology courses may be taken as electives. Students preparing for specific graduate careers should discuss appropriate courses with their advisors.

To graduate as a biology major, a student must accumulate a C (2.0) average in all major requirements.

Minor Requirements

BIOL 101, 102, 111, 112, 201, and 202; CHEM 110 and 112; plus 7 semester hours in upper division BIOL courses. The upper division courses for the minor must be selected under the direction of the Chairperson of the Department.

An average grade of C (2.0) must be accumulated in all lower division requirements prior to taking upper division courses. An average grade of C (2.0) must also be accumulated in all upper division courses included in the minor.

B.S. Degree—Biology Curriculum

(124 S.H.)

Freshman Year

<i>Fall Semester</i>		S.H.
BIOL 101	Biology I	3
BIOL 111	Biology I Lab	2
CHEM 110	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
ENGL 110	College Writing	3
MATH 122	Mathematics*	3
		15

<i>Spring Semester</i>		S.H.
BIOL 102	Biology II	3
BIOL 112	Biology II Lab	2
CHEM 112	General Chemistry II	3
CHEM 113	General Chemistry II Lab	1
MATH 123	Mathematics	3
___	University Core	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
BIOL 201	Cell Function	3
CHEM 220	Organic Chemistry I	3
CHEM 221	Organic Chemistry Lab	1
___	University Core	3
___	University Core	3
___	University Core	3
		16

<i>Spring Semester</i>		S.H.
BIOL 202	Genetics	3
CHEM 222	Organic Chemistry II	3
CHEM 223	Organic Chemistry II Lab	1
___	University Core	3
___	University Core	3
___	University Core	3
		16

Junior Year

<i>Fall Semester</i>		S.H.
BIOL ___	Biology	4
PHYS 253	General Physics I*	4
PHYS 255	General Physics I Lab	0
___	University Core	3
___	University Core	3
___	Elective	3
		17

<i>Spring Semester</i>		S.H.
BIOL ___	Biology	4
BIOL ___	Biology	3
PHYS 254	General Physics II	4
PHYS 256	General Physics II Lab	0
___	University Core	3
		14

Senior Year

Fall Semester

	S.H.	
BIOL ___	Biology	3
BIOL ___	Biology	4
BIOL ___	Biology Seminar or Research	2
___ ___	Upper Division Elective.....	3
___ ___	University Core	3
	15	

Spring Semester

	S.H.	
BIOL ___	Biology	3
BIOL ___	Biology	4
___ ___	Upper Division Elective.....	3
___ ___	Upper Division Elective.....	3
___ ___	Upper Division Elective.....	3
	16	

Spring Semester

	S.H.	
BIOL 102	Biology II	3
BIOL 112	Biology II Lab	2
CHEM 112	General Chemistry II.....	3
CHEM 113	General Chemistry II Lab	1
MATH 122	Calculus I.....	3
___ ___	University Core	3
	15	

Sophomore Year

Fall Semester

	S.H.	
BIOL 201	Cell Function	3
CHEM 220	Organic Chemistry I	3
___ ___	University Core	3
___ ___	University Core	3
___ ___	University Core	3
	15	

Spring Semester

	S.H.	
BIOL 202	Genetics	3
___ ___	Science Elective.....	3
___ ___	University Core	3
___ ___	University Core	3
___ ___	Elective.....	3
	16	

* The course sequence in Mathematics depends on the results of the Mathematics Placement Exam.

Students who have completed MATH 123 or 132 may begin the physics sequence in the Fall semester of either the sophomore or junior year.

The sequence of the University Core courses should be discussed with the student's advisor.

B.A. Degree—Biology Curriculum

(120 S.H.)

Freshman Year

Fall Semester

	S.H.	
BIOL 101	Biology I	3
BIOL 111	Biology I Lab	2
CHEM 110	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
ENGL 110	College Writing	3
MATH ___	Mathematics*.....	3
	15	

Junior Year

Fall Semester

	S.H.	
BIOL ___	Biology	4
___ ___	University Core	3
___ ___	University Core	3
___ ___	University Core	3
___ ___	Elective.....	2
	15	

<i>Spring Semester</i>	S.H.
BIOL ___ Biology	4
BIOL ___ Biology	3
___ ___ University Core	3
___ ___ University Core	3
___ ___ Elective.....	2
	15

Senior Year

<i>Fall Semester</i>	S.H.
BIOL ___ Biology	4
BIOL ___ Biology Seminar.....	2
___ ___ University Core	3
___ ___ Upper Division Elective.....	3
___ ___ Upper Division Elective.....	3
	15

<i>Spring Semester</i>	S.H.
BIOL ___ Biology	4
BIOL ___ Biology	3
___ ___ Elective.....	3
___ ___ Elective.....	3
___ ___ Upper Division Elective.....	2
	15

* The course sequence in Mathematics depends on the results of the Mathematics Placement Exam.

The sequence of the University Core courses should be discussed with the student's advisor.

BIOL 101 **General Biology I** *3 Semester Hours*

Unifying principles of biology; introduction to cell structure and function, histology, genetics, control systems, organ systems, and taxonomy.

Frank R. Seaver College of Science and Engineering majors only.

Lecture, 3 hours.

BIOL 102 **General Biology II** *3 Semester Hours*

The mechanism of evolution; major patterns of biotic evolution; principles of ecology.

Frank R. Seaver College of Science and Engineering majors only.

Lecture, 3 hours.

Prerequisites: BIOL 101 and 111.

BIOL 111 **General Biology I Laboratory** *2 Semester Hours*

A survey of the five kingdoms.

Frank R. Seaver College of Science and Engineering majors only.

Lecture, 1 hour; Laboratory, 4 hours.

Prerequisite: BIOL 101 or concurrent enrollment.

BIOL 112 **General Biology II Laboratory** *2 Semester Hours*

An experimental approach to biology with emphasis on design, execution, and analysis to answer biological questions.

Frank R. Seaver College of Science and Engineering majors only.

Lecture, 1 hour; Laboratory, 4 hours.

Prerequisite: BIOL 101 or BIOL 102, or concurrent enrollment.

BIOL 194 **Introduction to Research** *1 Semester Hour*

An introduction to scientific research methodology: information gathering, data analysis, laboratory research practice in a faculty laboratory.

BIOL 198 **Special Studies** *1-4 Semester Hours*

BIOL 199 **Independent Studies** *1-4 Semester Hours*

BIOL 201

Cell Function

3 Semester Hours

Cellular and sub-cellular structures and functions including: DNA and RNA structure and function, protein synthesis and structure, enzyme function, metabolic pathways, membrane function.

Prerequisites: BIOL 101, CHEM 112, or concurrent enrollment.

BIOL 202

Genetics

3 Semester Hours

A study of Mendelian and molecular genetics.

Prerequisite: BIOL 201.

BIOL 260

Human Biology

3 Semester Hours

The discussion of general biological principles with a human emphasis. Topics include: cells, heredity and reproduction, animal behavior, organ systems, drugs, disease, ecology, and evolution.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

BIOL 263

Natural History of Southern California

3 Semester Hours

Introduction to the geography, climate, plant communities, and common animals of Southern California; animals will be covered in regard to behavior, taxonomy, and ecology.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

BIOL 264

The Marine Environment

3 Semester Hours

An introduction to marine biology, including its history, different communities and the animals and plants that occur in marine ecosystems, and their economic importance.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

BIOL 265

Biology of African Wildlife

3 Semester Hours

Study of ecological, behavioral, and life history characteristics of selected African animals. Includes a two-week study trip to eastern or southern Africa (Biology majors should take BIOL 332). Offered alternate years.

Summers only—Study Abroad Program.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

BIOL 266

Sacred and Medicinal Plant Use

3 Semester Hours

The sacred and medicinal use of plants and hallucinogenic fungi by traditional and modern cultures, including the biological basis for their use.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

BIOL 271

Human Reproduction and Development

3 Semester Hours

The biological aspects of human reproduction, including the basic reproductive system, genetics, fetal development, nutrition, pregnancy, birth, and neonatal development.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

BIOL 272

Human Drug Use

3 Semester Hours

The physiological, psychological, and social effects of the use of alcohol, tobacco, and other therapeutic and recreational drugs.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

BIOL 275

Human Genetics

3 Semester Hours

Basic Mendelian genetics and the application to individual risk assessments. Population genetics and the implications of artificial selection. Modern molecular genetics and medical applications.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

BIOL 276**Human Exercise***3 Semester Hours*

Introduction to basic biological responses and adaptations of the body to exercise. Particular attention is given to physical fitness, health, and athletics; how biomedical research is conducted; and how the lay person can decipher research findings.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

BIOL 277**Plants and Society***3 Semester Hours*

An introduction to the natural evolution of plant species and the associated cultural evolution of man's relationship to plants. A multidisciplinary approach to studying the relationship between plants and people. An exploration of plants as sources of food and medicine, commercial products, and the role of plants in preserving and restoring the environment.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

BIOL 278**Tropical Marine Ecology***3 Semester Hours*

Field studies of the tropical marine habitats in Isla Roatán, Honduras. This includes the examination of the ecology and biology of coral reefs, mangroves, seagrass beds, and intertidal communities.

Summer only—Study Abroad Program.

Prerequisites: MATH 101 or higher, or placement into MATH 106 or higher. Open water SCUBA certification highly recommended.

BIOL 294**Independent Research***1-4 Semester Hours*

Independent research in a faculty laboratory.

BIOL 295**Biology Internship***1-2 Semester Hours*

Work experience involving research, industry-, or community-based projects. May be taken only once for credit.

CR/NC only.

BIOL 298**Special Studies***1-4 Semester Hours***BIOL 299****Independent Studies***1-4 Semester Hours***BIOL 312****Field Botany***4 Semester Hours*

The identification, distribution, evolution, and ecological relationships of the native plants of Southern California.

Lecture, 3 hours; Laboratory, 4 hours; 4 weekend field trips.

Prerequisites: BIOL 102, 111; CHEM 110, 111; MATH 122 or 131.

BIOL 315**World Vegetation Ecology***3 Semester Hours*

Characteristics and distribution of the major vegetation types of the world, emphasizing environmental conditions, plant adaptations, and ecosystem processes.

Prerequisites: BIOL 102, 111; CHEM 110, 112.

BIOL 316**Island Biology***3 Semester Hours*

Island biogeography and evolution, dispersal, adaptive radiation, gigantism/dwarfism, flightlessness, reproductive biology, endemism, and relictualism.

Lecture, 3 hours.

Prerequisites: BIOL 101 and 102.

BIOL 318**Principles of Ecology***3 Semester Hours*

Study of interactions between organisms and their physical environment, population ecology, biotic communities and ecosystems.

Lecture, 3 hours; 2 weekend field trips.

Prerequisites: BIOL 102, 111; CHEM 110, 112; MATH 122 or 131.

BIOL 319**Ecology Laboratory**

1 Semester Hour

Laboratory and field investigation of ecological relationships.

Laboratory, 4 hours.

Prerequisite: BIOL 318 or concurrent enrollment.

BIOL 328**Tropical Marine Ecology**

3 Semester Hours

Field studies of the tropical marine habitats on Isla Roatán, Honduras. This includes the examination of physical, chemical, and ecological aspects as applied to coral reefs, mangroves, seagrass beds, and intertidal communities.

Summer only—Study Abroad Program.

Prerequisites: BIOL 101, 102; CHEM 110, 112. Open water SCUBA certification highly recommended.

BIOL 329**Marine Ecology of Baja, California**

3 Semester Hours

Field studies of subtropical, intertidal, and subtidal habitats along the coasts of Baja, California peninsula.

Emphasis on community structure.

Summer only. Entire course held at the LMU Baja, California Biological Station.

Prerequisites: BIOL 102, 111; CHEM 110, 112.

BIOL 330**Embryology and Development**

4 Semester Hours

The development of chordates with emphasis on experimental embryology and underlying molecular mechanisms.

Lecture, 3 hours; Laboratory, 4 hours.

Prerequisites: BIOL 202 or NTLS 375; CHEM 222, 223.

BIOL 332**Biology of African Wildlife**

3 Semester Hours

Study of ecological, behavioral, and life history characteristics of selected African animals. Includes a two week study trip to eastern or southern Africa.

Summer only—Study Abroad program. Offered alternate years.

Prerequisites: BIOL 101, 102; CHEM 110, 112.

BIOL 333**Biology of Mammals**

4 Semester Hours

Examination of physical, physiological, and ecological characteristics of mammals, including taxonomic relationships, feeding and reproductive strategies, and local and world distribution of mammalian orders and families.

Lecture, 3 hours; Laboratory, 4 hours; Weekend field trips.

For majors only.

Prerequisites: BIOL 102; CHEM 110, 112.

BIOL 334**Invertebrate Zoology**

4 Semester Hours

A study of the anatomy, physiology, behavior, and ecology of invertebrates and the evolutionary relationships within and among the invertebrate phyla.

Lecture, 3 hours; Laboratory, 4 hours.

Prerequisites: BIOL 101, 102, 111, 112; CHEM 110, 112.

BIOL 335**Comparative Anatomy**

4 Semester Hours

A comparative study of the vertebrate structures and their significance in terms of their evolution and function.

Lecture, 3 hours; Laboratory, 4 hours.

Prerequisites: BIOL 101, 102, 111, 112; CHEM 110, 112.

BIOL 338**Animal Behavior**

3 Semester Hours

Study of the evolutionary aspects of behavioral ecology including foraging strategies, social competition, communication, sexual selection, mating systems, cooperation, and social organization.

Lecture, 3 hours; Laboratory, 4 hours.

Prerequisite: BIOL 102.

BIOL 351**General Physiology**

3 Semester Hours

Introduction to physiological principles and concepts with emphasis on organ systems.

Prerequisite: BIOL 201.

BIOL 352
Physiology Laboratory
1 Semester Hour

Laboratory experiments in physiology.

Laboratory, 4 hours; Data analysis, 1 hour.

Prerequisite: BIOL 351 or 356 or 357, or concurrent enrollment.

BIOL 353
Plant Physiology
3 Semester Hours

Introduction to plant function, including photosynthesis, mineral nutrition, water relations, metabolism, and growth processes.

Prerequisites: BIOL 201; CHEM 220, 221; MATH 122 or 131.

BIOL 354
Plant Physiology Laboratory
1 Semester Hour

Laboratory experiments in plant physiology.

Laboratory, 4 hours.

Prerequisite: BIOL 353 or concurrent enrollment.

BIOL 355
Physiology of Drugs
3 Semester Hours

A study of the absorption, distribution, action, biotransformation, and elimination of drugs. An introduction to the pharmacology of certain drugs.

Prerequisites: BIOL 202; CHEM 222, 223.

BIOL 356
Cell Biology
3 Semester Hours

A detailed study of subcellular organelles, including their origin, function, and regulation within the cell.

Prerequisites: BIOL 202 or NTLS 375; CHEM 222, 223.

BIOL 357
Comparative Animal Physiology
3 Semester Hours

A study of the different strategies utilized by various organisms to deal with problems of oxygen supply, temperature, water, salt balance, etc. Emphasis is on the vertebrates.

Prerequisites: BIOL 102, 201; CHEM 110, 112.

BIOL 359
Cell Biology Lab
1 Semester Hour

Laboratory experiments in cell biology.

Laboratory, 4 hours.

Prerequisite: BIOL 201.

BIOL 361
General Microbiology
3 Semester Hours

Properties and ecology of viruses, bacteria, and protists; principles of genetics and physiology of bacteria; pathogenesis of bacteria and viruses; microbes as tools for molecular biology.

Prerequisites: BIOL 202 or NTLS 375; CHEM 220.

BIOL 362
General Microbiology Laboratory
1 Semester Hour

Laboratory experiments in general microbiology.

Laboratory, 4 hours.

Prerequisite: BIOL 361 or concurrent enrollment.

BIOL 371
Plant Biochemistry
3 Semester Hours

Primary and secondary biosynthesis of plants; photosynthesis; nutrient acquisition and transport; plant pathogen/predator defense mechanism. Integration of these processes into an overall biochemical strategy.

Prerequisites: BIOL 201; CHEM 110, 112.

BIOL 375
Advanced Genetics
3 Semester Hours

Topics in genetics including both meiotic and mitotic recombination, quantitative genetics, gene structure, genetic control, and gene therapy.

Lecture, 3 hours.

Prerequisites: BIOL 202 or NTLS 375; CHEM 222, 223.

BIOL 376**Genetics Laboratory**

1 Semester Hour

Laboratory experiments in genetics.

Laboratory, 4 hours.

Prerequisites: BIOL 202 or NTLS 375; CHEM 110, 112.

BIOL 380**Tropical Marine Ecology Laboratory**

1 Semester Hour

Requires consent of instructor.

BIOL 381**Baja Marine Ecology Laboratory**

1 Semester Hour

Requires consent of instructor.

BIOL 382**Africa Biology Laboratory**

1 Semester Hour

Requires consent of instructor.

BIOL 394**Independent Research**

1-4 Semester Hours

Independent research in a faculty laboratory.

BIOL 395**Biology Internship**

1-2 Semester Hours

Work experience involving research, industry-, or community-based projects. May be taken only once for credit.

CR/NC only.

BIOL 398**Special Studies**

1-4 Semester Hours

BIOL 399**Independent Studies**

1-4 Semester Hours

BIOL 422**Marine Biology**

4 Semester Hours

Study of the marine environment, including physical, chemical, and biological aspects as applied to littoral, deep sea, and pelagic organisms.

Lecture, 3 hours; Laboratory, 4 hours.

Prerequisites: BIOL 102, 112; CHEM 110, 112.

BIOL 423**Intertidal Ecology**

4 Semester Hours

Study of the biotic and abiotic relationships of intertidal organisms, including zonation, diversity, competition, predation, and symbiosis.

Lecture, 3 hours; Laboratory, 4 hours.

Prerequisites: BIOL 102, 111; CHEM 110, 112.

BIOL 433**Histology**

3 Semester Hours

The structure and function of human tissue types including basic histological techniques.

Prerequisites: BIOL 102, 112; CHEM 110, 112.

BIOL 437**Plant Development**

3 Semester Hours

Biochemical, molecular, and genetic approaches to the study of pattern and tissue formation, embryogenesis, germination, flowering, photosynthesis, and plant-microbe interaction.

Prerequisites: BIOL 202 or NTLS 375; CHEM 222, 223 or concurrent enrollment.

BIOL 438**Plant Development Laboratory**

1 Semester Hour

Laboratory experiments in plant developmental biology.

Laboratory, 4 hours.

Prerequisite: BIOL 437 or concurrent enrollment.

BIOL 439**Molecular Biology Applications**

4 Semester Hours

The application of the techniques employed in molecular biology to the study of inherited diseases, genetic engineering, infectious diseases, cancer, and gene therapy.

Lecture, 2 hours; Laboratory, 6 hours.

Prerequisites: BIOL 202 or NTLS 375 and CHEM 220.

BIOL 443**Molecular Biology***3 Semester Hours*

Study of properties, synthesis, and interactions of macromolecules; genetic engineering.

Prerequisites: BIOL 202 or NTLS 375 and CHEM 220.

BIOL 445**Endocrinology***3 Semester Hours*

The study of the production, functions, and interactions of hormones and other chemical messengers involved in the integration of the living organism.

Prerequisites: BIOL 202 or NTLS 375 and CHEM 220.

BIOL 449**Immunology***3 Semester Hours*

The study of the immune response mechanisms in the vertebrate organism, with special reference to humans.

Prerequisites: BIOL 202 or NTLS 375 and CHEM 220.

BIOL 461**Microbial Genetics***3 Semester Hours*

Mechanisms of inheritance and the regulation of gene expression in bacteria and viruses. Viral interactions with higher eukaryotes.

Prerequisites: BIOL 202 or NTLS 375; CHEM 222, 223 or concurrent enrollment.

BIOL 474**Principles of Evolution***3 Semester Hours*

Study of the pattern and process of evolution. Topics include the development of theories of evolutionary change; the mechanisms of evolutionary change at the population (micro) level; and evolution at the macro level, focusing on speciation, phylogenetic analysis, historical biogeography, and extinctions.

Lecture, 3 hours.

Prerequisites: BIOL 101, 102, 111, 201, 202.

BIOL 475**Evolution***4 Semester Hours*

Study of the pattern and process of evolution. Topics include the development of theories of evolutionary change; the mechanisms of evolutionary change at the population (micro) level; and evolution at the macro level, focusing on speciation, phylogenetic analysis, historical biogeography, and extinctions.

Lecture, 3 hours; Laboratory, 4 hours.

Prerequisites: BIOL 101, 102, 112, 201, 202.

BIOL 477**Conservation Genetics***4 Semester Hours*

Survey of the major topics in conservation genetics. Basic models of population genetics and topics relevant to conservation genetics, such as population structure, inbreeding, genetic load, genetic variation, reserve design, and the ethical, moral, and political aspects of species conservation.

Lecture, 3 hours; laboratory, 4 hours.

Prerequisites: BIOL 101, 102, 202.

BIOL 478**Molecular Biology of the Genome***4 Semester Hours*

Advances in understanding cellular processes, gene expression, and the structure and function of macromolecules due to The Human Genome Project and associated new high-throughput technologies. Use of systems biology perspectives and bioinformatics tools to answer biological questions. May include: functional genomics, sequence alignment and phylogeny, comparative genomics, and biological pathways and networks.

Lecture, 3 hours; Laboratory, 4 hours.

Prerequisites: BIOL 202 or NTLS 375 and CHEM 220.

BIOL 479**Molecular Mechanisms of Disease***2 Semester Hours*

Analysis of the molecular mechanisms which underlie the pathology of genetic and infectious diseases. Particular attention paid to molecular mechanisms of disease treatment and experimental analysis in the field of human molecular genetics.

Requires consent of instructor.

BIOL 490
Biological Teaching
1-2 Semester Hours

Guided teaching of undergraduate laboratories.

May be repeated for credit.

Requires consent of instructor.

BIOL 494
Independent Research
1-4 Semester Hours

Independent research in a faculty laboratory.

BIOL 498
Special Studies
1-4 Semester Hours

BIOL 499
Independent Studies
1-4 Semester Hours

All 500-level courses require consent of instructor.

BIOL 522
Marine Biology Research
2 Semester Hours

An introduction to marine biology research techniques and basic marine ecosystems.

Requires consent of instructor.

BIOL 523
Scientific Diving
2 Semester Hours

Introduction to scientific diving, including studies of benthic populations and communities using line and belt transects, plot sampling methods, and fish survey techniques. The design, data collection, and analysis will be from local submarine coastal habitats. The class will also cover fundamentals of dive physics and physiology, first aid, CPR, oxygen administration, and dive tables.

Requires consent of instructor and basic open water SCUBA certification.

BIOL 525
Subtidal Ecology Seminar
2 Semester Hours

An introduction to the ecology of subtidal systems including coral reefs, kelp forests, hard and soft bottoms, deep sea and pelagic communities.

Requires consent of instructor.

BIOL 527
Benthic Ecology Research
2 Semester Hours

An introduction to underwater research techniques and studies of soft and hard bottom communities.

Requires consent of instructor.

Prerequisites: Basic open water SCUBA certification.

BIOL 528
Invertebrate Conservation Research
2 Semester Hours

Participation in research on topics in invertebrate conservation biology. Research may include ecological and/or genetic approaches and methodologies.

Requires consent of instructor.

BIOL 531
Developmental Genetics Research
2 Semester Hours

Investigation through original literature and laboratory experience of the ways in which genes direct development.

Requires consent of instructor.

Prerequisites: BIOL 394, 494, or 594.

BIOL 532
Drosophila Genetics Research
2 Semester Hours

An introduction to the use of drosophila as a research tool in classical and molecular genetics.

Requires consent of instructor.

Prerequisite: CHEM 220.

BIOL 536
Functional Morphology Research
2 Semester Hours

Participation in original research investigating the functional aspects of morphology and development in carnivorous mammals.

Requires consent of instructor.

BIOL 546
Physiology of Drugs Seminar
2 Semester Hours

An introduction into the pharmacology of certain drugs, their absorption, metabolism, use, misuse, abuse.

Requires consent of instructor.

BIOL 561**Bioinformatics and Genomics Research***2 Semester Hours*

Investigation of the systems-level properties of biological pathways and networks. Research may include bioinformatics and/or functional genomics techniques.

Requires consent of instructor.

BIOL 563**Molecular Genetics Research***2 Semester Hours*

Laboratory work in gene mapping and gene isolation.

Requires consent of instructor.

BIOL 564**Vision Genetics Research***2 Semester Hours*

Research on the influence of genetic background and modifier genes on the course of inherited and age-related retinal degenerations.

Requires consent of instructor.

BIOL 565**Plant Developmental Biology Research***2 Semester Hours*

Laboratory work in molecular and genetic analysis of plant development.

Requires consent of instructor.

BIOL 569**Ethnobotany Seminar***2 Semester Hours*

An introduction to the mutual relationships between plants and traditional peoples with an emphasis on phyto medicines and sustainability.

Requires consent of instructor.

BIOL 571**Conservation Biology Seminar***2 Semester Hours*

A survey of topics relating to the conservation of animals and plants, including extinction, genetic aspects, demography, insularization, threats to biodiversity, economics and politics, religious and ethical perspectives, and practical applications.

Requires consent of instructor.

BIOL 585**Issues in Biotechnology Seminar***2 Semester Hours*

An interdisciplinary seminar series bringing together faculty from different disciplines to present and discuss topics in biotechnology. Examples include sustainable agriculture, advances in medicine and biotechnology, legal and ethical considerations and biotechnology, the environment and biotechnology, the manipulation of biological machinery (proteins), the fusion of engineering and biotechnology (nanotechnology), the business of biotechnology.

Requires consent of instructor.

BIOL 586**Molecular Cell Biology Research***2 Semester Hours*

Independent laboratory research examining questions pertaining to gene expression, including ribosome biogenesis and mRNA transport/localization, utilizing techniques of molecular and cell biology, biochemistry, and genetics.

Requires consent of instructor.

BIOL 587**Molecular Mechanisms in Development Seminar***2 Semester Hours*

An exploration of current research utilizing molecular/genetic techniques to study developmental biology.

Requires consent of instructor.

BIOL 594**Independent Research***1-4 Semester Hours*

Independent research in a faculty laboratory. Results must be presented formally.

BIOL 598**Special Studies***1-3 Semester Hours*

Requires consent of instructor.

BIOL 599**Independent Studies***1-3 Semester Hours*

Chemistry and Biochemistry

Faculty

Chairperson: James A. Roe

Professors: William F. Cain, S.J., Rebecca D. Crawford,
James M. Landry, James A. Roe

Associate Professors: S.W. Tina Choe, Thomas J. Reilly

Assistant Professors: Lambert A. Doezeema,
Jeremy E.B. McCallum, David A. Moffet

Clinical Faculty: Gary M. Landers

Chemistry and biochemistry are empirical sciences. In addition to intellectual mastery of the disciplines, the major programs also develop practical experimental skills. The LMU student obtains "hands on" experience, both in traditional synthetic and analytic bench chemistry, and with all the major contemporary methods and techniques, taking advantage of the department's complete instrumentation. This equipment includes preparative, separative, thermal analysis, and spectroscopic instruments. Besides ordinary laboratory apparatus, the student will work with a high speed centrifuge, HPLC, GC, GC-MS, DSC, FT-IR, UV-Vis, flame and furnace AA, fluorometer, and FT-NMR.

Because of the complex and sensitive nature of the equipment and techniques of chemistry and biochemistry, continued participation in the programs is contingent on appropriate development of the ability to work maturely and responsibly in the laboratory.

Chemistry

Objectives

The Bachelor of Science degree program, approved by the Committee on Professional Training of the American Chemical Society, is designed to prepare the student not only for immediate entry into the profession of chemistry at the Bachelor's level but also for graduate study toward advanced degrees. It is also an excellent preparation for entry into medical, dental, and other health professional schools.

Major Requirements

Lower Division Requirements: Chemistry

CHEM 110, 111, 112, 113, 220, 221, 222, 223. A grade of at least C (2.0) is required in each of the above courses. CHEM 190; MATH 131 and 132; PHYS 101, 103, 201, and 203. With approval of the Chairperson, MATH 122 and 123; PHYS 253, 254, 255, and 256 may be substituted, as a complete package, for MATH 131 and 132; PHYS 101, 103, 201, and 203. Recommended elective: MATH 234.

Upper Division Requirements: Chemistry

34 upper division semester hours of chemistry, which will include CHEM 330, 340, 341, 342, 343, 360, 361, 370 or 470, 390, 391, 430, 431, 460, 461, 490, 491, and 560, but not 495.

Except for CHEM 390 and 490, a grade of at least C (2.0) must be obtained in each course included in the upper division requirements of the major.

Strongly recommended for those intending graduate study: CHEM 499 or 599.

A maximum of 12 semester hours of Chemistry/Biochemistry Internship and/or Directed Research (CHEM 393, 493, 499, 599) may be included toward the 124-hour baccalaureate requirement.

Minor Requirements: Chemistry

CHEM 110, 111, 112, 113, 220, 221, 222, 223; plus a minimum of 7 upper division semester hours of CHEM courses including one upper division laboratory course. These must be selected under the direction of the Chairperson of the Department.

A grade of C (2.0) must be obtained in each course included in the minor.

No chemistry minor is available in conjunction with a biochemistry major. It is suggested that the student interested in in-depth study of both subjects should major in chemistry and minor in biochemistry.

Variations

Petitions for waivers of departmental requirements or prerequisites should be addressed to the Chairperson of the Department.

Chemistry Curriculum

(124 S.H.)

Freshman Year

<i>Fall Semester</i>		S.H.
CHEM 110	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
CHEM 190	World of Chem/Biochem	1
ENGL 110	College Writing	3
— —	University Core	3
— —	University Core	3
— —	University Core	3

<i>Spring Semester</i>		S.H.
CHEM 112	General Chemistry II.....	3
CHEM 113	General Chemistry II Lab	1
MATH 131	Calculus I.....	4
PHYS 101	Intro to Mechanics	4
PHYS 103	Intro to Mechanics Lab.....	0
— —	University Core	3

Sophomore Year

<i>Fall Semester</i>		S.H.
CHEM 220	Organic Chemistry I	3
CHEM 221	Organic Chemistry I Lab	1
MATH 132	Calculus II.....	4
PHYS 201	Intro Electric & Magnetism	4
PHYS 203	Intro Electric & Mag Lab	0
— —	University Core	3

<i>Spring Semester</i>		S.H.
CHEM 222	Organic Chemistry II.....	3
CHEM 223	Organic Chemistry II Lab	1
CHEM 360	Quantitative Analysis	4
CHEM 361	Quantitative Analysis Lab.....	0
— —	University Core	3
— —	University Core	3
— —	University Core	3
		17

Junior Year

<i>Fall Semester</i>		S.H.
CHEM 340	Physical Chemistry I.....	3
CHEM 341	Physical Chemistry I Lab	1
CHEM 390	Chemistry Seminar.....	1
CHEM 460	Instrumental Analysis	4
CHEM 461	Instrumental Analysis Lab	0
— —	University Core	3
— —	University Core	3
		15

<i>Spring Semester</i>		S.H.
CHEM 330	Inorganic Chemistry	3
CHEM 342	Physical Chemistry II.....	3
CHEM 343	Physical Chemistry II Lab	1
CHEM 391	Chemistry Seminar.....	1
— —	University Core	3
— —	Elective.....	3
— —	Upper Division Elective.....	3
		17

Senior Year

<i>Fall Semester</i>		S.H.
CHEM 370	Intro to Biochemistry	3
CHEM 430	Adv Inorganic Chemistry I	3
CHEM 431	Adv Inorganic Chem I Lab.....	1
CHEM 491	Chemistry Seminar.....	1
— —	Elective.....	3
— —	Upper Division Elective.....	3

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<i>Spring Semester</i>		S.H.
CHEM 490	Chemistry Seminar.....	1
CHEM 560	Adv Organic Techniques.....	4
— —	Elective.....	3
— —	Elective.....	3
— —	Elective.....	3
		—
		14

Students wishing to be awarded ACS certification may take CHEM 460 and 461 in place of one of the upper division biology electives.

Except for CHEM 390 and 490, a grade of at least C (2.0) must be obtained in each course included in the upper division requirements of the major.

Strongly recommended for those intending graduate study: CHEM 499 or 599.

A maximum number of 12 semester hours of Chemistry/Biochemistry Internship and/or Directed Research (CHEM 393, 493, 499, 599) may be included toward the 124-hour baccalaureate requirement.

Biochemistry

Objectives

The Bachelor of Science in Biochemistry degree program is designed to prepare the student for a career in the intensively active biochemistry or chemical biology fields, seeking to understand the functions and intricate interactions of those molecules that give rise to the phenomenon of life. There are many opportunities either for immediate entry into the field or for further study at the graduate level. In addition, for qualified students, biochemistry is one of the best preparations for entry into health professional schools.

The American Chemical Society is reviewing a proposal to certify the BS in Biochemistry as an approved "Chemistry with Biochemistry emphasis" degree.

Major Requirements

Lower Division Requirements: Biochemistry

CHEM 110, 111, 112, 113, 220, 221, 222, and 223. A grade of at least C (2.0) is required in each of the above courses. BIOL 101, 111, 112, 201, and 202; CHEM 190; MATH 131 and 132; PHYS 101, 103, 201, and 203. With approval of the chairperson, MATH 122 and 123; PHYS 253, 254, 255, and 256 may be substituted, as a complete package, for MATH 131 and 132; PHYS 101, 103, 201, and 203.

Upper Division Requirements: Biochemistry

30 upper division semester hours of chemistry and biochemistry, which includes CHEM 340, 341, 346, 360, 361, 390, 391, 470, 471, 472, 473, 490, 491, and 537, 580, or other advanced biochemical elective, but not CHEM 495. Three upper division courses in biology which will include BIOL 356 and two others selected from BIOL 330, 351, 353, 361, 371, 437, 439, 443, 445, or 449. It is recommended that this selection include one laboratory course or one molecular biology course. An additional advanced biochemistry elective may be taken in place of one of the upper division biology courses.

Minor Requirements: Biochemistry

BIOL 101, 111, 201; CHEM 110, 111, 112, 113, 220, 221, 222, 223, and 370 or 470; and 4 additional upper division semester hours selected from CHEM 471, 472, 473, or 580 or other advanced biochemical elective including one upper division laboratory course. These must be selected under the direction of the Chairperson of the Department.

A grade of C (2.0) must be obtained in each course included in the minor.

Variations

Petitions for waivers of departmental requirements or prerequisites should be addressed to the Chairperson of the Department.

Biochemistry Curriculum

(124/125 S.H.)

Freshman Year

Fall Semester

			S.H.
BIOL	101	General Biology I	3
BIOL	111	General Biology I Lab	2
CHEM	110	General Chemistry I	3
CHEM	111	General Chemistry I Lab	1
CHEM	190	World of Chem/Biochem	1
ENGL	110	College Writing	3
—	—	University Core	3
			—
			16

Spring Semester

			S.H.
BIOL	112	General Biology II Lab	2
CHEM	112	General Chemistry II.....	3
CHEM	113	General Chemistry II Lab	1
MATH	131	Calculus I.....	4
PHYS	101	Intro to Mechanics	4
PHYS	103	Intro to Mechanics Lab.....	0
—	—	University Core	3
			—
			17

Sophomore Year

Fall Semester

			S.H.
BIOL	201	Cell Function	3
CHEM	220	Organic Chemistry I	3
CHEM	221	Organic Chemistry I Lab	1
MATH	132	Calculus II.....	4
PHYS	201	Intro Electric & Magnetism	4
PHYS	203	Intro Electric & Mag Lab	0
			—
			15

Spring Semester

			S.H.
BIOL	202	Genetics	3
CHEM	222	Organic Chemistry II.....	3
CHEM	223	Organic Chemistry II Lab	1
CHEM	360	Quantitative Analysis.....	4
CHEM	361	Quantitative Analysis Lab.....	0
—	—	University Core	3
			—
			14

Junior Year

Fall Semester

			S.H.
CHEM	340	Physical Chemistry I.....	3
CHEM	341	Physical Chemistry I Lab	1
CHEM	390	Chemistry Seminar.....	1
CHEM	470	Biochemistry I.....	3
CHEM	471	Biochemistry I Lab.....	1
—	—	University Core	3
—	—	University Core	3
			—
			15

Spring Semester

			S.H.
CHEM	346	Physical Biochemistry	3
CHEM	391	Chemistry Seminar.....	1
CHEM	472	Biochemistry II	3
CHEM	473	Biochemistry II Lab.....	1
—	—	University Core	3
—	—	University Core	3
—	—	University Core	3
			—
			17

Senior Year*Fall Semester*

S.H.

BIOL 356	Cell Biology.....	3	
BIOL ___	Upper Div Biology Elective.....	3	
or [CHEM 460	Instrumental Analysis.....	4
	CHEM 461	Instrumental Analysis Lab.....	0
CHEM 491	Chemistry Seminar.....	1	
___ ___	Upper Division Elective.....	3	
___ ___	University Core.....	3	
___ ___	University Core.....	3	

		16 or 17	

Spring Semester

S.H.

[BIOL ___	Upper Div Biology Elective.....	3
	CHEM ___	Adv Biochemistry Elective.....	3
or [CHEM ___	Adv Biochemistry Elective.....	3
	CHEM ___	Adv Biochemistry Elective.....	3
CHEM 490	Chemistry Seminar.....	1	
___ ___	University Core.....	3	
___ ___	Elective.....	3	
___ ___	Elective.....	1	

		14	

CHEM 110**General Chemistry I***3 Semester Hours*

Atomic theory, stoichiometry, properties of gases, solids, liquids, periodic law, solutions, thermochemistry, redox equations.

Lecture, 3 hours.

CHEM 111**General Chemistry I Lab***1 Semester Hour*

Use of balance, atomic, molecular, and equivalent weights; molar volumes; introduction to gravimetric and titrimetric analysis.

Lecture and laboratory, 4 hours.

Prerequisite: CHEM 110 or concurrent enrollment.

CHEM 112**General Chemistry II***3 Semester Hours*

Chemical kinetics, thermodynamics, acids and bases, equilibria, electrochemistry, descriptive chemistry.

Lecture, 3 hours.

Prerequisites: CHEM 110 and 111.

CHEM 113**General Chemistry II Lab***1 Semester Hour*

Kinetics, redox, pH, electrode potentials, spectrophotometry, qualitative inorganic analysis.

Lecture and laboratory, 4 hours.

Prerequisite: CHEM 112 or concurrent enrollment.

CHEM 190**World of Chemistry and Biochemistry***1 Semester Hour*

Introduction to chemistry/biochemistry as a program and a profession. How to study and succeed. How to plan a profession and a career.

Seminar, 2 hours.

CR/NC Grading only.

CHEM 198**Special Studies: Chemistry Topics***1-3 Semester Hours***CHEM 199****Independent Studies***1-3 Semester Hours***CHEM 220****Organic Chemistry I***3 Semester Hours*

Properties, synthesis and nomenclature of alkanes, alkenes, cycloalkanes. Aromaticity and aromatic hydrocarbons. Alkyl halides and substitution reactions.

Lecture, 3 hours.

Prerequisites: CHEM 112 and 113.

CHEM 221**Organic Chemistry I Lab***1 Semester Hour*

Techniques of simple, fractional, and steam distillation; crystallization and extraction; some synthesis.

Lecture and laboratory, 4 hours.

Prerequisite: CHEM 220 or concurrent enrollment.

CHEM 222**Organic Chemistry II***3 Semester Hours*

Spectroscopy. Chemistry of alcohols and carbonyl compounds. Amines, amino acids, carbohydrates, and proteins. Glycolysis, the citric acid cycle, and oxidative phosphorylation.

Lecture, 3 hours.

Prerequisites: CHEM 220 and 221.

CHEM 223**Organic Chemistry II Lab***1 Semester Hour*

Reactions of aldehydes and ketones. Syntheses using the Grignard and Sandmeyer reactions. Preparation of an ester, an azo dye, and a ketone.

Lecture and laboratory, 4 hours.

Prerequisite: CHEM 222 or concurrent enrollment.

CHEM 261**The Science in Science Fiction***3 Semester Hours*

The physics, chemistry, and biology found in science fiction literature, examined for accuracy and probability. Topics include the physics of space and space habitats, the chemistry and biology of life arising under nonearthlike conditions, and the ecology of imagined worlds. "Engineering" new worlds on the basis of sound scientific theory will be expected. Understanding of physical implications of simple algebraic expressions is required.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

CHEM 262**The Chemical Environment***3 Semester Hours*

The important chemical processes of the world in which we live; air, water, agriculture, food additives, household chemicals, cosmetics, chemotherapy, sports, toxic waste management.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

CHEM 263**Consumer Chemistry***3 Semester Hours*

The chemistry of everyday consumer products and how the products work will be examined. Product examples discussed will include foods, shampoo, selected drugs, clothing, and others.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

CHEM 265**The Chemistry of Food***3 Semester Hours*

The chemistry involved in food preparation and development. Examples include flavorings, food additives, what happens when it is cooked, then eaten; nutritional aspects of foods, food supplements, preservation, food fads.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

CHEM 267**Modern Scientific Discovery***3 Semester Hours*

The revolution in molecular biology in the second half of the twentieth century. Topics covered will range from the discovery of the structure of DNA to the design of modern pharmaceuticals.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

CHEM 278**Special Studies: Chemistry Topics***1-3 Semester Hours*

For majors from outside the Frank R. Seaver College of Science and Engineering

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

CHEM 298**Special Studies: Chemistry Topics***1-3 Semester Hours***CHEM 299****Independent Studies***1-3 Semester Hours***CHEM 330****Inorganic Chemistry***3 Semester Hours*

Study of preparations, properties, and reactions of main group and some transition metal elements and their compounds.

Lecture, 3 hours.

Prerequisites: CHEM 112 and 113.

CHEM 340**Physical Chemistry I***3 Semester Hours*

Properties of gases, ideal and real, chemical thermodynamics, phase rule, solutions, chemical equilibria, colligative properties, activity concept, electrochemistry.

Lecture, 3 hours.

Prerequisites: CHEM 222, 223; MATH 123 or 132; PHYS 201 or 254.

CHEM 341**Physical Chemistry I Lab***1 Semester Hour*

Physical measurements, calorimetry, physical equilibria, phase behavior, activity coefficients, chemical equilibria.

Lecture and laboratory, 4 hours.

Prerequisites: CHEM 340 or concurrent enrollment, CHEM 360.

CHEM 342**Physical Chemistry II***3 Semester Hours*

Chemical kinetics, quantum mechanics, atomic and molecular spectroscopy, statistical mechanics.

Lecture, 3 hours.

Prerequisites: CHEM 340 and 341.

CHEM 343**Physical Chemistry II Lab***1 Semester Hour*

Kinetics, colligative properties, atomic and molecular spectroscopy.

Lecture and laboratory, 4 hours.

Prerequisites: CHEM 342 or concurrent enrollment, CHEM 360.

CHEM 346**Physical Biochemistry***3 Semester Hours*

Chemical and enzyme kinetics, solutions of macromolecules, chemical equilibria, transport processes, sedimentation, transport in electric fields, physical methods in biochemistry, scattering.

Lecture, 3 hours.

Prerequisites: CHEM 340 and 341.

CHEM 350**Geochemistry***3 Semester Hours*

Chemical composition and reactions of the atmosphere, hydrosphere, and lithosphere. Natural and anthropogenic variations in composition. Analytical methods.

Lecture, 3 hours.

Prerequisites: CHEM 112 and 113.

CHEM 360**Quantitative Analysis***4 Semester Hours*

Theory and practice of chemical analyses.

Lecture, 2 hours.

Prerequisites: CHEM 112 and 113.

Corequisite: CHEM 361.

CHEM 361**Quantitative Analysis Lab***0 Semester Hours*

Calibration of glassware, analysis of selected unknown samples by volumetric, gravimetric, and electrochemical methods.

Laboratory, 6 hours.

Corequisite: CHEM 360.

CHEM 370**Introduction to Biochemistry***3 Semester Hours*

Fundamentals of macromolecular structure, function, and central metabolic pathways as well as nucleic acid metabolism.

Chemistry majors and non-biochemistry majors. This course is designed to meet the needs of students requiring a one-semester biochemistry course for health professions schools. Not available for credit with CHEM 470 or CHEM 472.

Lecture, 3 hours.

Prerequisites: CHEM 222 and 223.

CHEM 390**Chemistry Seminar***1 Semester Hour*

Regular attendance at Departmental Seminar Program.

CR/NC grading only.

CHEM 391**Chemistry Seminar***1 Semester Hour*

Regular attendance at Departmental Seminar Program and presentation of a seminar.

CHEM 393**Chemistry/Biochemistry Internship***1-3 Semester Hours*

Research/Development work conducted in a professional chemical setting in a local government or industrial laboratory. Work includes both theory and laboratory practice on a project designed cooperatively by the laboratory's supervisory staff and LMU faculty. The project is jointly supervised by on-site staff and LMU faculty.

May be repeated for credit up to 6 seminar hours.

CHEM 398**Special Studies: Chemistry Topics***1-3 Semester Hours***CHEM 399****Independent Studies***1-3 Semester Hours***CHEM 430****Advanced Inorganic Chemistry I***3 Semester Hours*

Chemical bonding treated from the viewpoints of valence bond, ligand field, and molecular orbital theories. Applied thermodynamics, kinetics, and acid-base concepts.

Lecture, 3 hours.

Prerequisites: CHEM 342 and 343.

CHEM 431**Advanced Inorganic Chemistry I Lab***1 Semester Hour*

Inorganic synthesis using special methods such as furnace, dry box, high vacuum, and electric discharge. Resolution of stereoisomers, and determination of magnetic susceptibility.

Lecture and laboratory, 4 hours.

Prerequisites: CHEM 360, CHEM 430 or concurrent enrollment, CHEM 360.

CHEM 460**Instrumental Analysis***4 Semester Hours*

Analytical methods using instrumental techniques, including gas and liquid chromatography, atomic, molecular, nuclear magnetic resonance, and mass spectroscopy.

Lecture, 3 hours.

Prerequisites: CHEM 340 and 341 or concurrent enrollment. Concurrent enrollment in CHEM 461.

CHEM 461**Instrumental Analysis Lab***0 Semester Hours*

Laboratory in selected methods of modern instrumental analysis, including gas and liquid chromatography, UV-visible spectroscopy, atomic absorption and plasma emission spectroscopy, Fourier-transform infrared spectroscopy, gas chromatography-mass spectrometry, nuclear magnetic resonance spectroscopy, laboratory computers.

Laboratory, 4 hours.

Prerequisites: CHEM 360, CHEM 460 or concurrent enrollment.

CHEM 470**Biochemistry I**

3 Semester Hours

Macromolecular structure and function; enzymology; bioenergetics and kinetics; major metabolic pathways. Biochemistry and chemistry majors. Not available for credit with CHEM 370.

Lecture, 3 hours.

Prerequisites: CHEM 222 and 223.

CHEM 471**Biochemistry I Lab**

1 Semester Hour

Techniques of protein purification, enzyme assay, and kinetics.

Lecture and laboratory, 4 hours.

Prerequisite: CHEM 370 or 470 or concurrent enrollment.

CHEM 472**Biochemistry II**

3 Semester Hours

Metabolic regulation; macromolecular structure, function, and synthesis; membrane transport. DNA and RNA metabolism and control. Biochemistry of vitamins and other nutrients. Protein biosynthesis.

Lecture, 3 hours.

Prerequisite: CHEM 470.

CHEM 473**Biochemistry II Lab**

1 Semester Hour

Techniques in lipid and carbohydrate analysis; enzyme regulation; enzymes as diagnostic tools, restriction enzymes.

Lecture and laboratory, 4 hours.

Prerequisites: CHEM 471; 472 or concurrent enrollment.

CHEM 490**Chemistry Seminar**

1 Semester Hour

Regular attendance at Departmental Seminar Program.

CR/NC grading only.

CHEM 491**Chemistry Seminar**

1 Semester Hour

Regular attendance at Departmental Seminar Program and presentation of a seminar.

CHEM 493**Chemistry/Biochemistry Internship**

1-3 Semester Hours

Research/Development work conducted in a professional chemical setting in a local government or industrial laboratory. Work includes both theory and laboratory practice on a project designed cooperatively by the laboratory's supervisory staff and LMU faculty. The project is jointly supervised by on-site staff and LMU faculty.

May be repeated for credit up to 6 semester hours.

CHEM 495**Chemistry Teaching**

1-2 Semester Hours

Guided teaching of the undergraduate laboratories. Credit/No-Credit grading only. May be repeated for additional credit.

Prerequisite: Approval of Department Chair.

May be repeated for credit up to 8 semester hours.

CHEM 497**Introduction to Chemistry/Biochemistry Research**

1-3 Semester Hours

CHEM 498**Special Studies: Chemistry Topics**

1-3 Semester Hours

CHEM 499**Independent Studies: Directed Research**

1-3 Semester Hours

May be repeated for credit up to 6 semester hours.

CHEM 530**Advanced Inorganic Chemistry II**

3 Semester Hours

Organometallic chemistry, boron hydrides and carboranes, inorganic polymers and complex chemistry of transition elements.

Lecture, 3 hours.

Prerequisite: CHEM 430.

CHEM 537**Bioinorganic Chemistry***3 Semester Hours*

The study of the function and structure of metal ions in biology: the properties and spectroscopy of metal ions; metalloproteins; the interaction between metal ions and DNA or RNA; introduction of metal ions into biological systems as probes and as drugs.

Lecture, 3 hours.

Prerequisite: CHEM 370 or CHEM 470, or by consent of instructor.

CHEM 540**Physical Methods in Chemistry***3 Semester Hours*

Development of physical methods of analysis incorporating elements of group theory and molecular orbital theory. Molecular spectroscopy; nuclear magnetic, electron paramagnetic, and nuclear quadrupole resonance spectroscopy; magnetism; Mossbauer spectroscopy; and X-ray spectroscopy.

Lecture, 3 hours.

Prerequisites: CHEM 342 and 460.

CHEM 560**Advanced Organic Techniques***4 Semester Hours*

Modern synthetic reactions. Qualitative and preparative chromatographic methods. Determination of molecular structure by nuclear magnetic resonance and infrared spectroscopy.

Lecture, 2 hours; Laboratory, 8 hours.

Prerequisites: CHEM 222, 223, 342, 343, 360, 460, 461.

CHEM 580**Medicinal Chemistry***3 Semester Hours*

Chemical principles involved in design and formulation of drugs; their absorption, distribution, and elimination; and their interaction at possible active sites. Mechanism of action of specific groups of drugs are discussed.

Lecture, 3 hours.

Prerequisite: CHEM 370 or 470 or consent of instructor.

CHEM 598**Special Studies: Chemistry Topics***1-3 Semester Hours*

CHEM 599**Independent Studies: Directed Research***1-3 Semester Hours*

May be repeated for credit up to 6 semester hours.

Civil Engineering and Environmental Science

Faculty

Chairperson: William J. Trott*

Professors: Michael E. Manoogian*,
Joseph C. Reichenberger*, William J. Trott*

Assistant Professors: Rachel G. Adams, Jose A. Saez*

Adjunct Professor: Joseph Haworth*

* Registered Professional Civil Engineer

Description

The civil engineer applies scientific and economic principles to plan, design, and oversee a wide variety of public and private projects which improve the quality of life, protect the environment, and facilitate economic growth. These projects include roads and highways, railroads, mass transit systems, airports, bridges, buildings, structures, harbors, flood control and drainage works, water supply, treatment and distribution systems, wastewater treatment and reuse systems, irrigation systems, pipelines, and power plants.

The civil engineering curriculum emphasizes practicality and design, supported by a strong background in scientific and mathematical concepts. The program provides a broad background in all aspects of civil engineering, providing our graduates with the flexibility to practice in any of the specialties or to pursue an advanced degree. The program provides an opportunity to get hands-on experience with classes in surveying as well as laboratories in fluid mechanics, hydraulics, soil mechanics, mechanics of materials, structures, steel, and reinforced concrete design. Engineering design experiences are integrated throughout the curriculum beginning with the freshman engineering courses and extending through the last semester of the senior year. Design courses provide working experience with computer software used in the profession. Group and team projects prepare the student for real world engineering experiences.

The civil engineering student can select courses and electives that emphasize environmental engineering as described below.

Accreditation

The Civil Engineering program is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012; telephone: (410) 347-7700.

Mission

The mission of the Department of Civil Engineering and Environmental Science is to provide opportunities for students to develop the skills and knowledge necessary to become productive professionals through a rigorous, student-centered curriculum that balances theory and practice, serving the needs of society by emphasizing sustainability and environmental justice and meets the challenges of an ever-changing, complex world through a dynamic engineering program combined with a comprehensive liberal arts core.

Objectives

The Civil Engineering program has established the following program educational objectives that are consistent with the mission of the University and that describe the expected accomplishments of graduates during the first several years following graduation. Civil Engineering program graduates will:

- 1) Be productive in the civil engineering profession or other professional fields;
- 2) Further develop their professional and technical skills through graduate studies and continuing education;
- 3) Be involved with civil engineering professional organizations;
- 4) Uphold the code of ethics of the profession and be cognizant of social justice issues in the practice of civil engineering; and
- 5) Exhibit leadership in the practice of civil engineering.

To accomplish these program educational objectives, analysis and design courses in the fields of environmental, geotechnical, hydraulic, structural, and water resources engineering are offered in addition to preparatory courses in oral and written communications, mathematics, sciences, and basic mechanics. A broad base of theory and design is provided along with discussion of current issues and practices of the profession. Through class assignments, students will become proficient in the use of computers and pertinent software, spreadsheets, presentations, drawing, and geographical information system (GIS) programs. Integrated with these courses is the University core curriculum.

Design in Civil Engineering

The civil engineering student participates in design projects throughout the curriculum both as an individual and as a member of a design team. The design experience varies in complexity as the student progresses through the program ending with the senior capstone design experience. Engineering design is the process of devising a system, component, or process to meet a specified need in an optimal manner. While the resulting design must stay within the appropriate specifications and constraints, consideration must also be given to economic, social, and environmental impacts and constructability. Accomplishing these varied goals requires creativity and involves considerable decision making. Many design projects are performed while part of a project team.

Civil Engineering Curriculum

(132 S.H.)

Major Requirements

Lower Division Requirements:

CHEM 110, 111; CIVL 200, 210, 230; ENGR 100, 140, 200, 240; MATH 131, 132, 234, 245; MECH 251; PHYS 101, 103, 201, 203.

Upper Division Requirements:

CIVL 302, 305, 310, 315, 340, 395, 400, 406, 410, 415, 460; ELEC 313; ENGR 300, 400; ENV5 300, 320; Civil Engineering electives (6 semester hours).

Freshman Year

<i>Fall Semester</i>	S.H.
CHEM 110 General Chemistry I	3
CHEM 111 General Chemistry I Lab	1
ENGL 110 College Writing	3
ENGR 100 Intro to Engineering.....	3
MATH 131 Calculus I.....	4
___ ___ University Core	3
	17

<i>Spring Semester</i>	S.H.
ENGR 140 Eng Graphics & Design	3
MATH 132 Calculus II.....	4
PHYS 101 Intro to Mechanics	4
PHYS 103 Intro to Mechanics Lab.....	0
___ ___ University Core	3
___ ___ University Core	3
	17

Sophomore Year

<i>Fall Semester</i>	S.H.
ENGR 200 Statics	3
ENGR 240 Algorithms & Applications	3
MATH 234 Calculus III.....	4
PHYS 201 Intro to Elec & Mag	4
PHYS 203 Intro to Elec & Mag Lab.....	0
___ ___ University Core	3
	17

<i>Spring Semester</i>	S.H.
CIVL 200 Mechanics of Materials.....	3
CIVL 210 Surveying and Mapping	3
CIVL 230 Particle Dynamics	2
MATH 245 Differential Equations	3
MECH 251 Thermodynamics	3
___ ___ University Core	3
	17

Junior Year

<i>Fall Semester</i>	S.H.
CIVL 305 Structural Theory	4
CIVL 310 Fluid Mechanics I	3
ELEC 313 Electronics & Instrum	3
ENV5 300 Engineering Geology	3
ENV5 320 Intro to Environmental Engr.....	3
	16

<i>Spring Semester</i>		S.H.
CIVL 302	Seismic Design Structures.....	3
CIVL 315	Fluid Mechanics II	3
CIVL 340	Analytical Methods I.....	3
CIVL 395	Engr Econ & Dec Theory	3
ENGR 300	Fund. Engineering Exam	0
___ ___	University Core	3
		15

Senior Year

<i>Fall Semester</i>		S.H.
CIVL 400	Water & Wastewater Treatment.....	3
CIVL 406	Water Resrcs Planning & Design	3
CIVL 410	Soil Mechanics	4
CIVL 415	Reinforced Concrete Design.....	4
___ ___	University Core	3
		17

<i>Spring Semester</i>		S.H.
CIVL 460	Civil Engineering Design	4
CIVL ___	Civil Engineering Elective	3
CIVL ___	Civil Engineering Elective	3
ENGR 400	Senior Seminar	0
___ ___	University Core	3
___ ___	University Core	3
		16

The proper sequence of the University Core courses should be discussed with the student's advisor.

**Environmental Engineering
Emphasis within the Civil
Engineering Major**

(132 S.H.)

The civil engineering student may choose to take courses and electives emphasizing environmental engineering. Opportunities exist to take classes in aquatic chemistry; microbiology; air pollution control; and solid, hazardous, and industrial waste management.

Major Requirements

Lower Division Requirements:

CHEM 110, 111; CIVL 200, 210, 230; ENGR 100, 140, 200, 240; MATH 131, 132, 234, 245; MECH 251; PHYS 101, 103, 201, 203.

Upper Division Requirements:

CIVL 302, 310, 315, 340, 395, 400, 406, 410, 460; ENGR 300, 400; ELEC 313; ENVS 300, 320, 420, 510; Civil Engineering or Environmental Science Electives (11 semester hours).

Freshman Year

<i>Fall Semester</i>		S.H.
CHEM 110	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
ENGL 110	College Writing	3
ENGR 100	Intro to Engineering.....	3
MATH 131	Calculus I.....	4
___ ___	University Core	3
		17

<i>Spring Semester</i>		S.H.
ENGR 140	Eng Graphics & Design	3
MATH 132	Calculus II.....	4
PHYS 101	Intro to Mechanics	4
PHYS 103	Intro to Mechanics Lab	0
___ ___	University Core	3
___ ___	University Core	3
		17

Sophomore Year

<i>Fall Semester</i>	S.H.	
ENGR 200 Statics	3	
ENGR 240 Algorithms & Applications	3	
MATH 234 Calculus III.....	4	
PHYS 201 Intro to Elec & Mag	4	
PHYS 203 Intro to Elec & Mag Lab.....	0	
___ ___ University Core	3	
	—	
	17	

<i>Spring Semester</i>	S.H.	
CIVL 200 Mechanics of Materials.....	3	
CIVL 210 Surveying and Mapping	3	
CIVL 230 Particle Dynamics	2	
MATH 245 Differential Equations	3	
MECH 251 Thermodynamics	3	
___ ___ University Core	3	
	—	
	17	

Junior Year

<i>Fall Semester</i>	S.H.	
CIVL 310 Fluid Mechanics I	3	
ELEC 313 Electronics & Instrum	3	
ENVS 300 Engineering Geology.....	3	
ENVS 320 Intro to Environmental Engr.....	3	
___ ___ University Core	3	
	—	
	15	

<i>Spring Semester</i>	S.H.	
CIVL 302 Seismic Design Structures.....	3	
CIVL 315 Fluid Mechanics II	3	
CIVL 340 Analytical Methods I.....	3	
CIVL 395 Engr Econ & Dec Theory.....	3	
ENGR 300 Fund. Engineering Exam	0	
___ ___ University Core	3	
	—	
	15	

Senior Year

<i>Fall Semester</i>	S.H.	
CIVL 400 Water & Wastewater Treatment.....	3	
CIVL 406 Water Resrcs Planning & Design	3	
CIVL 410 Soil Mechanics	4	
ENVS 420 Environmental Systems Lab	1	
ENVS 510 Chem for Envir Engineers.....	2	
___ ___ CIVL and ENVS Electives	2	
___ ___ University Core	3	
	—	
	18	

<i>Spring Semester</i>	S.H.	
CIVL 460 Civil Engineering Design	4	
___ ___ CIVL and ENVS Electives	3	
___ ___ CIVL and ENVS Electives	3	
___ ___ CIVL and ENVS Electives	3	
ENGR 400 Senior Seminar	0	
___ ___ University Core	3	
	—	
	16	

The proper sequence of the University Core courses should be discussed with the student's advisor.

Civil Engineering

CIVL 200

Mechanics of Materials

3 Semester Hours

Development of relationships between loads applied to an elastic body to stresses and deformations produced in the body, the relation between stresses and strains, approaches for finding necessary dimensions of a member with respect to material capabilities and design constraints, and a design project.

Lecture, 3 hours.

Prerequisite: ENGR 200.

CIVL 210

Surveying and Mapping

3 Semester Hours

Study of basic surveying and related computations for topographic surveys, horizontal and vertical curves, and the design of highways. The course will include computer aided design and geographic information systems (applications of AutoCAD to civil engineering design and fundamentals of GIS using ArcView).

Lecture, 2 hours; Laboratory, 4 hours.

Prerequisite: Sophomore standing.

CIVL 230

Particle Dynamics

2 Semester Hours

Kinetics and kinematics of particles. Application of Newton's laws, principles of work and energy, impulse and momentum.

Lecture, 2 hours.

Prerequisite: ENGR 200.

CIVL 302

Seismic Design of Structures

3 Semester Hours

Free and forced vibration of discrete single and multiple degree of freedom systems, continuous systems, design for earthquake loading, application of the International Building Code to the seismic design of structures.

Lecture, 3 hours.

Prerequisite: CIVL 200.

CIVL 305

Structural Theory

4 Semester Hours

Introduction to the International Building Code. Analysis of determinate and indeterminate deformable structures using classical methods and an introduction to computer methods of analysis.

Lecture, 3 hours; Laboratory, 3 hours.

Prerequisite: CIVL 200.

CIVL 310

Fluid Mechanics I

3 Semester Hours

Properties of fluids, fluid statics, kinematics, energy, hydrodynamics, momentum and dynamic forces, steady flow of compressible and incompressible fluids.

Lecture, 3 hours.

CIVL 315

Fluid Mechanics II

3 Semester Hours

A continuation of CIVL 310. Similarity and dimensional analysis, laboratory experiments with fluid flow phenomena, fluid measurements, pipe and open channel flow, forces on immersed bodies.

Lecture, 2 hours; Laboratory, 3 hours.

CIVL 340

Analytical Methods in Civil Engineering I

3 Semester Hours

Introduction to probability and statistics with an emphasis on techniques and applications useful in engineering.

Lecture, 3 hours.

Prerequisite: MATH 234.

CIVL 395

Engineering Economics and Decision Theory

3 Semester Hours

The economic evaluation of engineering alternatives. Topics include: time value of money relationships, nominal and effective interest rates, present worth method, annual worth method, rate of return and incremental analysis, depreciation and income taxes, replacement analysis and benefit/cost analysis.

Lecture, 3 hours.

CIVL 400**Fundamentals of Water and Waste-Water Treatment***3 Semester Hours*

Basic concepts of water quality management. Review of the chemical and biological basis for water and wastewater treatment and disposal.

Lecture, 3 hours.

Prerequisite: CIVL 310.

CIVL 406**Water Resources Planning and Design***3 Semester Hours*

Flood control hydrology including rainfall, unit hydrographs, flood frequency analysis, and flood routing. Development of surface and groundwater supplies, reservoir yield and operation, determination of water requirements, analysis of water supply and distribution systems, including reservoirs and pump stations.

Lecture, 3 hours.

Prerequisite: CIVL 315.

CIVL 410**Soil Mechanics***4 Semester Hours*

Physical and mechanical properties of soil, consolidation, settlement of structures, shear strength, analysis of earth pressures, bearing capacity, slope stability, flow through porous media, and open ended design problems.

Lecture, 3 hours; Laboratory, 3 hours.

Prerequisites: CIVL 200 and 310.

CIVL 411**Design of Foundations and Earth Structures***2 Semester Hours*

Design methods for foundations and earth structures. Design of footings and piles including stability and settlement, slopes, and retaining structures.

Lecture, 2 hours.

Prerequisite: CIVL 410.

CIVL 415**Reinforced Concrete Design***4 Semester Hours*

Theory and design of reinforced concrete columns, beams, retaining walls, footings, and slabs. Application to design projects.

Lecture, 3 hours; Laboratory, 3 hours.

Prerequisite: CIVL 200.

CIVL 450**Analytical Methods in Civil Engineering II***3 Semester Hours*

Specific application of mathematical techniques to a variety of civil engineering problems, with an emphasis on the mathematical formulation and subsequent computer solution of practical problems utilizing ordinary and partial differential equations; linear regression analysis; optimization techniques.

Lecture, 3 hours.

Prerequisites: CIVL 310, 340; MATH 245.

CIVL 460**Civil Engineering Design***4 Semester Hours*

An integrated senior design experience which utilizes knowledge from the civil engineering curriculum. In addition to the technical aspects, the designs consider costs, economics, and environmental factors. Class lectures include discussion of the design process, environmental impact, engineering and professional ethics, the engineering profession, professional practice issues, the role of the engineer in the construction process, and procurement of engineering work. Student presentations are required.

Lecture, 2 hours; Design Laboratory, 4 hours.

Prerequisites: Senior standing and CIVL 210, 395, 400, 410.

Corequisites: CIVL 406 and ENGR 400.

CIVL 493**Civil Engineer Design Internship***2-4 Semester Hours*

Students work in teams to perform specific design projects for local public agencies and engineering consulting firms in the area of storm water and municipal waste water.

Requires consent of instructor.

CIVL 498

Special Studies

1-4 Semester Hours

CIVL 499

Independent Studies

1-4 Semester Hours

CIVL 504

Applied Fluid Mechanics

2 Semester Hours

Fundamentals of fluid mechanics and review of the underlying mathematical principles, viscosity, fluid statics, conservation of mass, energy equation, momentum principle, fluid flow in pipes, hydraulic machinery.

Open to science majors interested in a Master's degree in Environmental Science.

Lecture, 2 hours.

Requires consent of instructor.

CIVL 510

Open Channel Hydraulics

4 Semester Hours

Steady uniform and non-uniform flow in open channels; design of channels, transitions, confluences, and culverts. Study of the elements of the hydrologic cycle related to open channel systems and computer-aided design of an open channel system.

Lecture, 4 hours.

Prerequisite: CIVL 315.

CIVL 511

Hydraulic Analysis and Design

2 Semester Hours

Design and analysis of hydraulic structures and pump stations; rainfall-runoff models; determination of reservoir storage; unsteady flow and water hammer; flood routing techniques; sediment transport.

Lecture, 2 hours.

CIVL 512

Air Pollution Analysis

2 Semester Hours

Detailed analysis of emission sources, emission calculation methods, and air pollution controls. The dispersion of air pollutants in the atmosphere (fates and lifetimes, dispersion modeling methods). In-depth techniques of conducting risk assessments due to exposure to air pollutants.

Lecture, 2 hours.

CIVL 514

Groundwater Hydrology

2 Semester Hours

Theory of the movement and occurrence of water in a porous medium; steady and unsteady flow in confined and unconfined aquifers; Darcy's law; equilibrium and non-equilibrium hydraulics of wells; computer applications.

Lecture, 2 hours.

Prerequisite: CIVL 315.

CIVL 515

Industrial Waste Management

2 Semester Hours

Principles and methods of treatment and disposal of industrial wastes that may adversely affect the environment, including general characterization of wastes from industries of major significance and typical treatment processes involved. Regulatory constraints.

Lecture, 2 hours.

Prerequisites: CIVL 400 and ENVS 510.

CIVL 548

Hazardous Substances Management

2 Semester Hours

The study of regulation and management strategies for environmental programs (hazardous substances) including hazardous waste, asbestos, underground tanks, air pollution, and the California Environmental Quality Act.

Lecture, 2 hours.

CIVL 549

Hazardous Waste Remediation

2 Semester Hours

This course provides an overview of the regulatory framework, site assessment and sampling techniques, and remediation technologies for hazardous waste sites. Emphasis is placed on cost-effective remediation technologies, regulatory agency coordination, and new emerging technologies for hazardous waste site clean-up projects.

Lecture, 2 hours.

CIVL 550
Fundamentals of Environmental Health Risk Assessment

2 Semester Hours

The fundamental technical aspects and non-technical policy aspects of environmental health risk assessments. Basics of environmental chemistry partitioning fate and transport of pollutants in the atmosphere and water; human exposure scenarios; fundamentals of toxicology and epidemiology.

Lecture, 2 hours.

CIVL 595
Structural Steel Design

3 Semester Hours

Theory and design of steel structures, component members, and connections using codes and specifications. Design projects.

Lecture, 3 hours.

Prerequisite: CIVL 200.

CIVL 598
Special Studies

1-4 Semester Hours

CIVL 599
Independent Studies

1-4 Semester Hours

Environmental Science

ENVS 300
Engineering Geology

3 Semester Hours

Atmospheric, aqueous, and igneous agencies; river and marine deposits, glaciers, earth movements, volcanos, earthquakes. Emphasis placed on factors affecting engineering projects; field trips.

Lecture, 3 hours.

ENVS 320
Introduction to Environmental Engineering

3 Semester Hours

Introduction to elements of water treatment, water pollution control, solid and hazardous waste disposal, and air pollution control. The interrelationships of the movement of pollutants between the land, air, and water media are discussed.

Lecture, 3 hours.

Prerequisites: Sophomore standing. Frank R. Seaver College of Science and Engineering majors only.

ENVS 420
Environmental Systems Laboratory

1 Semester Hour

Chemical and microbiological tests and demonstrations for environmental systems.

Laboratory, 3 hours.

ENVS 498
Special Studies

1-4 Semester Hours

ENVS 499
Independent Studies

1-4 Semester Hours

ENVS 510
Chemistry for Environmental Engineers

2 Semester Hours

Review of inorganic chemistry with particular emphasis on solution equilibria and gas-solution interaction.

Lecture, 2 hours.

ENVS 513

Solid Wastes Engineering

2 Semester Hours

An application of current technology in the control, disposal, and recovery of value from solid wastes.

Lecture, 2 hours.

ENVS 515

Environmental Impact Reports

2 Semester Hours

An engineering perspective of managing projects through the California Environmental Quality Act (CEQA) process.

Lecture, 2 hours.

ENVS 518

Applied Oceanography

2 Semester Hours

A study of the physical, chemical, and biological characteristics of the oceans which must be considered in the design of wastewater outfalls, marine structures, etc.

Lecture, 2 hours.

ENVS 525

Inland Waters

2 Semester Hours

The structure and movement of water in lakes, rivers, and estuaries; cyclical and progressive changes of the physical, chemical, and biological composition of aquatic systems are discussed along with an explanation of lake remediation techniques.

Lecture, 2 hours.

Prerequisites: ENVS 510 and 544.

ENVS 533

Aquatic Chemistry

2 Semester Hours

Kinetics, equilibrium, and solubility concepts applied to natural water systems. Oxidation-reduction in the aquatic environment.

Lecture, 2 hours.

Prerequisite: ENVS 510.

ENVS 544

Applied Microbiology

2 Semester Hours

Emphasis on physical and biochemical aspects of bacterial metabolism and behavior as applied to environmental engineering; kinetics and energetics of microbial growth.

Lecture, 2 hours.

Prerequisites: CIVL 400 and ENVS 510.

ENVS 598

Special Studies

1-4 Semester Hours

ENVS 599

Independent Studies

1-4 Semester Hours

Electrical Engineering and Computer Science

Faculty

Chairperson: Barbara E. Marino

Director, Computer Science: Philip M. Dorin

Professors: Philip M. Dorin, Tai-Wu Kao, John A. Page, Richard G. Plumb, Paul A. Rude, Raymond J. Toal, Nazmul Ula

Associate Professors: Stephanie E. August, Barbara E. Marino

Assistant Professors: John David N. Dionisio, Lei Huang

Note: The computer science program is described immediately following the electrical engineering course descriptions.

Electrical Engineering

Description

The electrical engineering curriculum consists of classroom and laboratory experiences related to the following topics: engineering design, electrical and electronic circuits and models, control systems, communication systems and properties of electromagnetic waves, design of analog and digital systems, theory and design of computer systems, and organization and design of microprocessor-based computer systems.

The electrical engineering curriculum leads to the B.S.E. degree. Department criteria for graduation include completion of all courses in one of the two emphases, with a minimum grade-point average of C (2.0) in the Upper Division Requirements.

A minor field program in electrical engineering is also supported. Course work includes 18 semester hours to be determined in consultation with the Department Chairperson. All minor field programs require the approval of the student's major field faculty advisor and the Department Chairperson in the student's major field.

Accreditation

The electrical engineering program is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012; telephone: (410) 347-7700.

Objectives

The electrical engineering program has established the following program educational objectives that are consistent with the mission of the University and the Frank R. Seaver College of Science and Engineering. The objectives describe the expected accomplishments of graduates during the first several years following graduation. The electrical engineering program graduates will:

- 1) Perform effectively as practicing engineers and/or successfully undertake graduate study in electrical engineering or related fields;
- 2) Meet the challenges of the future through continuing professional growth; and
- 3) Exhibit concern for service and justice through leadership within their profession, as well as the community as a whole.

These program educational objectives are met by providing a curriculum which has both breadth and depth. Engineering science and design, mathematics and basic sciences are significant components of the electrical engineering program. In addition to these traditional technical courses, and in keeping with the Jesuit tradition of educating the whole person, the curriculum includes core requirements in the humanities, communications, and the fine arts.

Opportunities for involvement in professional societies, student design competitions, and University co-curricular activities are plentiful and help to accomplish these objectives.

Design in Electrical Engineering

Design is interwoven throughout the electrical engineering curriculum, culminating in a formal senior design project course. Freshman and sophomore engineering courses provide an introduction to design. The two junior and first semester senior laboratory courses extend this design experience to the integration of material from the upper division electrical engineering courses. Finally, the senior design project experience builds on the analytical and theoretical background developed throughout the curriculum as well as topics covered in the University's core curriculum.

Electrical Engineering Curriculum

(128 S.H.)

Major Requirements

Lower Division Requirements:

CHEM 110, 111; ELEC 232, 281; ENGR 100, 140, 200, 240; MATH 131, 132, 234, 245, 285; PHYS 101, 103, 201, 203.

Upper Division Requirements:

ELEC 301, 302, 333, 353, 354, 361, 371, 383, 400, 401, 402, 423, 424 and two courses selected from other offerings in Electrical Engineering; ENGR 400; MATH 355.

Electives

One course selected from other offerings in the Frank R. Seaver College of Science and Engineering with advisor approval.

Freshman Year

Fall Semester

CHEM 110	General Chemistry I	3	
CHEM 111	General Chemistry I Lab	1	
ENGL 110	College Writing	3	
ENGR 100	Intro to Engineering.....	3	
MATH 131	Calculus I.....	4	
— —	University Core	3	
			17

Spring Semester

ENGR 140	Eng Graphics & Design	3	
MATH 132	Calculus II.....	4	
PHYS 101	Intro to Mechanics	4	
PHYS 103	Intro to Mechanics Lab	0	
— —	University Core	3	
— —	University Core	3	
			17

Sophomore Year

Fall Semester

ENGR 200	Statics	3	S.H.
ENGR 240	Algorithms & Applications	3	
MATH 234	Calculus III.....	4	
PHYS 201	Intro to Elec & Mag	4	
PHYS 203	Intro to Elec & Mag Lab	0	
— —	University Core	3	
			17

Spring Semester

ELEC 232	Circuits.....	3	S.H.
ELEC 281	Logic Design	3	
MATH 245	Differential Equations	3	
MATH 285	Discrete Math for Engr.....	3	
— —	University Core	3	
			15

Junior Year

Fall Semester

ELEC 301	Junior Lab I.....	3	S.H.
ELEC 333	Circuit Applications	3	
ELEC 353	Electronics I	3	
ELEC 383	Intro to Microprocessors	3	
— —	University Core	3	
			15

Spring Semester

ELEC 302	Junior Lab II.....	3	S.H.
ELEC 354	Electronics II	3	
ELEC 371	Linear Systems	3	
MATH 355	Methods of Applied Math.....	3	
— —	University Core	3	
			15

Senior Year

<i>Fall Semester</i>		S.H.
ELEC 361	Electromagnetics	3
ELEC 400	Design Methodology	2
ELEC 401	Senior Lab I	3
ELEC 423	Communications I	3
ELEC ___	Elective.....	3
___ ___	University Core	3

 17

<i>Spring Semester</i>		S.H.
ELEC 402	Senior Project	3
ELEC 424	Communications II	3
ELEC ___	Elective.....	3
ENGR 400	Senior Seminar	0
___ ___	Elective.....	3
___ ___	University Core	3

 15

The proper sequence of all courses should be discussed with the student's advisor.

Computer Engineering Emphasis within the Electrical Engineering Major

(128 S.H.)

Major Requirements

Lower Division Requirements:

CHEM 110, 111; CMSI 185, 186, 281; ELEC 232, 281; ENGR 100, 140, 200; MATH 131, 132, 234, 245; PHYS 101, 103, 201, 203.

Upper Division Requirements:

ELEC 301, 302, 333, 353, 354, 371, 383, 400, 401, 402, 423, 424, 584; ENGR 400; MATH 355.

Electives

One CMSI elective and one course selected from other offerings in the Frank R. Seaver College of Science and Engineering. Both electives are to be approved by the student's advisor.

Freshman Year

<i>Fall Semester</i>		S.H.
CHEM 110	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
ENGL 110	College Writing	3
ENGR 100	Intro to Engineering.....	3
MATH 131	Calculus I.....	4
___ ___	University Core	3

 17

<i>Spring Semester</i>		S.H.
ENGR 140	Eng Graphics & Design	3
MATH 132	Calculus II.....	4
PHYS 101	Intro to Mechanics	4
PHYS 103	Intro to Mechanics Lab	0
___ ___	University Core	3
___ ___	University Core	3

 17
Sophomore Year

<i>Fall Semester</i>		S.H.
CMSI 185	Computer Programming.....	3
ENGR 200	Statics	3
MATH 234	Calculus III.....	4
PHYS 201	Intro to Elec & Mag	4
PHYS 203	Intro to Elec & Mag Lab	0
___ ___	University Core	3

 17

<i>Spring Semester</i>		S.H.
CMSI 186	Programming Laboratory.....	3
ELEC 232	Circuits.....	3
ELEC 281	Logic Design	3
MATH 245	Differential Equations	3
___ ___	University Core	3

 15

Junior Year

<i>Fall Semester</i>		S.H.
CMSI 281	Data Structures/Algorithms.....	3
ELEC 301	Junior Lab I.....	3
ELEC 333	Circuit Applications	3
ELEC 353	Electronics I	3
ELEC 383	Intro to Microprocessors	3
		15

<i>Spring Semester</i>		S.H.
ELEC 302	Junior Lab II.....	3
ELEC 354	Electronics II	3
ELEC 371	Linear Systems	3
MATH 355	Methods of Applied Mathematics.....	3
___ ___	University Core	3
		15

Senior Year

<i>Fall Semester</i>		S.H.
CMSI ___	Elective.....	3
ELEC 400	Design Methodology.....	2
ELEC 401	Senior Lab I	3
ELEC 423	Communications I.....	3
ELEC 584	Intro to Microprocessors II.....	3
___ ___	University Core	3
		17

<i>Spring Semester</i>		S.H.
ELEC 402	Senior Project.....	3
ELEC 424	Communications II.....	3
ENGR 400	Senior Seminar	0
___ ___	Elective.....	3
___ ___	University Core	3
___ ___	University Core	3
		15

The proper sequence of all courses should be discussed with the student's advisor.

Electrical Engineering

ELEC 232

Circuits

3 Semester Hours

Introduction to techniques in electrical circuit analysis, including branch, node, and mesh methods; Thevenin and Norton theorems; step and sinusoidal responses of RLC circuits; operational amplifier circuits; single phase power.

Lecture, 3 hours.

Prerequisites: CMSI 185 or ENGR 240; MATH 132; PHYS 201 recommended.

ELEC 260

Introduction to Electricity and Applications

3 Semester Hours

Presentation of a brief history of electricity and electrical devices. Introduction to basic concepts of circuit and system analysis, electronic instruments, devices, and modern electric equipment. Demonstrations of concepts and devices are included.

Lecture, 3 hours.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

ELEC 281

Logic Design

3 Semester Hours

Introduction to computer systems, number systems. Boolean algebra, combinational and sequential logic design, minimization and analysis techniques. Concepts of programmable logic devices.

Lecture, 3 hours.

ELEC 301

Junior Lab I

3 Semester Hours

Introduction to the use of contemporary lab equipment and techniques of measurement and experimentation; introduction to technical report writing; class is used to provide a laboratory experience related to junior level courses.

Laboratory, 3 hours; Lecture, 1 hour.

Prerequisites: ELEC 281 and concurrent enrollment in ELEC 333 and 353 or permission of the instructor.

ELEC 302**Junior Lab II***3 Semester Hours*

Continuation of ELEC 301 with emphasis on design; introduction to use of CAD tools and FPGA-based system design.

Laboratory, 4 hours.

Prerequisites: ELEC 301 and 383; concurrent enrollment in ELEC 354.

ELEC 311**Electronics and Instrumentation***3 Semester Hours*

Introduction to circuit principles, amplifiers, op-amps, transducers, digital components and systems, system analysis, and instrumentation techniques.

For mechanical engineering or science majors.

Lecture, 3 hours.

Corequisite: ELEC 312.

ELEC 312**Electronics and Instrumentation Lab***0 Semester Hours*

Concurrent laboratory for ELEC 311.

Laboratory, 2 hours.

Corequisite: ELEC 311.

ELEC 313**Electronics and Instrumentation***3 Semester Hours*

Introduction to circuit principles, amplifiers, op-amps, digital components and systems, power and machines, and instrumentation techniques.

For civil engineering or science majors.

Lecture, 3 hours.

ELEC 333**Circuit Applications***3 Semester Hours*

Laplace transform applications, network functions, frequency response, analog filters, two-ports, three phase power, Fourier series.

Lecture, 3 hours.

Prerequisites: ELEC 232 and MATH 245.

ELEC 353**Electronics I***3 Semester Hours*

Fundamentals of semiconductor devices and the physics of their operation. Applications of semiconductor devices in electronic circuits and device modeling. Introduction to CAD tools. Design of single stage amplifiers.

Lecture, 3 hours.

Prerequisites: ELEC 232.

ELEC 354**Electronics II***3 Semester Hours*

Introduction to engineering design methods utilized in the synthesis of contemporary analog electronic circuits including extensive use of CAD tools. Topics include multitransistor circuits, large signal limitations, feedback techniques, amplifier frequency response, stability and oscillation.

Lecture, 3 hours.

Prerequisite: ELEC 353.

ELEC 361**Electromagnetics***3 Semester Hours*

Introduction to Maxwell's equations, wave propagation, transmission line theory, and the solution of static and time varying field problems.

Lecture, 3 hours.

Prerequisites: MATH 355 and PHYS 201.

ELEC 371**Linear Systems***3 Semester Hours*

Time and frequency domain analysis of continuous and discrete linear systems including simulation diagrams, state variable analysis, Fourier and Z transforms.

Lecture, 3 hours.

Prerequisites: ELEC 333 and MATH 355 or concurrent enrollment in MATH 355.

ELEC 383

Introduction to Microprocessors

3 Semester Hours

Basic concepts in design and organization of microprocessors and microcomputers. Assembly language programming design for incorporating peripheral devices in solving application designs.

Lecture, 3 hours.

Prerequisite: ELEC 281.

ELEC 385

Computer Systems Design

3 Semester Hours

Formal description of digital systems. Design of functional subsystems. Organization and design of general purpose digital computers and of special purpose digital systems.

Lecture, 3 hours.

Prerequisite: CMSI 284 or ELEC 383.

ELEC 398

Special Studies

1-4 Semester Hours

ELEC 399

Independent Studies

1-4 Semester Hours

ELEC 400

Design Methodology

2 Semester Hours

An introduction to systems engineering, including a study of design methodology and development of professional project-oriented skills such as communication, team management, creative problem solving, interpersonal management, and leadership skills.

Lecture, 2 hours.

Prerequisite: Concurrent enrollment in ELEC 401.

ELEC 401

Senior Lab I

3 Semester Hours

Course is intended to provide a laboratory experience related to other senior level courses; emphasis is on design, technical report writing, and oral presentation.

Laboratory, 4 hours.

Prerequisites: ELEC 302, 354, 383, concurrent enrollment in ELEC 400.

ELEC 402

Senior Project

3 Semester Hours

A study of design methodology and development of professional project-oriented skills including communication, team management, creative problem solving, interpersonal management, and leadership skills. Team project activities are used to apply project-oriented skills to solution of design problems. Periodic design reports and design reviews are presented to and critiqued by the faculty and the design team.

Lecture, 1 hour; Laboratory, 3 hours.

Prerequisites: ELEC 400 and 401.

Corequisite: ENGR 400.

ELEC 423

Communications I

3 Semester Hours

Introduction to signals, spectra, Fourier Transforms, AM, FM, and digital communication systems.

Lecture, 3 hours.

Prerequisite: ELEC 371.

ELEC 424

Communications II

3 Semester Hours

Probability and random processes, correlation and power spectral density, noise and signal detection, analysis of communication links will be discussed.

Lecture, 3 hours.

Prerequisite: ELEC 423 or permission of the instructor.

ELEC 453

Digital Integrated Electronics

3 Semester Hours

Extensive coverage of digital integrated circuit design, including TTL, NMOS, CMOS and BiCMOS digital logic circuits, Read Only Memory (ROM), and Random Access Memory (RAM).

Lecture, 3 hours.

Prerequisites: ELEC 281 and 354.

ELEC 462**Microwave and Optical Communications***3 Semester Hours*

Applications of electromagnetic theory. Topics include transmission lines, waveguides, impedance transformations and matching, passive devices, scatter parameters and their applications in circuits, antennas and wave propagation, fiber optics, and other communication links.

Lecture, 2 hours; Laboratory, 3 hours.

Prerequisite: ELEC 361.

ELEC 472**Control Systems***3 Semester Hours*

Analysis and design of feedback systems using root locus, Bode, Nyquist, and state variable techniques; introduction to discrete feedback control system analysis.

Lecture, 3 hours.

Prerequisite: ELEC 371.

ELEC 481**Introduction to Computer Networks***3 Semester Hours*

This course provides a basic introduction to computer networking. The topics covered include: types and uses of computer networks, data transmission, protocols and protocol layering, packets, message transactions, layered architecture, and a client-server introduction.

Lecture, 3 hours.

Prerequisites: Senior standing and permission of instructor.

ELEC 498**Special Studies***1-4 Semester Hours***ELEC 499****Independent Studies***1-4 Semester Hours***ELEC 521****Introduction to Communication Systems***3 Semester Hours*

The concept of signal formulation, modulation, transmission and reception, and demodulation of signals in noise will be discussed.

Prerequisites: ELEC 423 and 532, or equivalents.

ELEC 525**Digital Signal Processing***3 Semester Hours*

The representation, analysis, and processing of discrete signals are discussed. Topics include sampling, quantization, Z-transform of signal, discrete Fourier and fast Fourier transforms, analysis and design of digital filters, and spectral estimation of random digital signals.

Prerequisite: ELEC 371.

ELEC 532**Probability and Random Processes***3 Semester Hours*

Studies of probability, random variables, and stochastic processes, correlation, power spectral density, and linear mean-square estimation with emphasis on their application to electrical engineering are included.

Prerequisite: Senior or graduate standing.

ELEC 561**IC Fabrication Processes***3 Semester Hours*

Overview of processes in manufacture of integrated circuits. Topics include: single crystal growth, oxide growth, photolithographic processes, ion implantation and impurity diffusion, metal deposition, and passivation and packaging of chips. Use is made of Unix workstations for modeling and simulation.

Prerequisite: ELEC 353 or equivalent.

ELEC 562**Digital System Design with VHDL***3 Semester Hours*

Computer aided design of digital VLSI (Very Large Scale Integrated) systems using Very High Speed Integrated Circuits (VHSIC) Hardware Description Language (VHDL).

Prerequisites: ELEC 281 and 383, or equivalents.

ELEC 563**ASIC Design***3 Semester Hours*

Topics include programmable logic devices and gate array architectures, programmability of PLDs and gate arrays, field programmable gate arrays (FPGAs), and applications of FPGAs in digital system design. Course includes laboratory experiments and extensive use of Computer Aided Design tools.

Prerequisite: ELEC 383 and 562, or permission of instructor.

ELEC 567**Introduction to Digital VLSI Design**

3 Semester Hours

Custom and semi-custom design of VLSI circuits using standard cells, design methodologies of advanced complementary metal-oxide-semiconductor (CMOS) circuits, and simulation of designed circuits will be emphasized. At the end of the semester, circuits designed by the students will be sent for fabrication through MOSIS and later tested by the students for functionality.

Prerequisite: ELEC 383 or permission of instructor.

ELEC 583**Finite State Machines**

3 Semester Hours

An introduction to the theory and design of finite state automata and sequential machines.

Prerequisite: ELEC 281 or equivalent.

ELEC 584**Introduction to Microprocessors II**

3 Semester Hours

Design and applications of 32-bit microprocessors. Topics include: basic concepts, software, architecture, programming, interfacing, and system design.

Prerequisite: ELEC 383 or equivalent.

ELEC 585**Computer Organization and Architecture**

3 Semester Hours

System structure of minicomputers and main frame computers. Structured memory based systems; parallel and multiunit processors; introduction to input/output processing.

Prerequisite: ELEC 385 or equivalent.

Computer Science

Description

The computer science curriculum consists of classroom and laboratory experiences related to the following topics: algorithms and data structures, theory and design of computer programming languages and systems, operating systems, compilers, computer graphics, distributed systems, database systems, artificial intelligence, network programming, and organization and design of microprocessor-based computer systems.

The B.S. degree is awarded upon successful completion of the computer science curriculum. Department criteria for graduation include completion of all courses in the curriculum with a minimum grade point average of C (2.0) in the Upper Division Requirements listed below.

A minor field program in computer science is also offered, which emphasizes traditional topics such as programming and data structures. The course requirements are CMSI 185, 186, 281, 284, and two upper division CMSI electives.

Objectives

The program educational objectives for graduates are: 1) preparation for professional practice; 2) preparation for advanced study; 3) promotion of the ideas of life-long learning; 4) development of self-fulfillment through professional activity; and 5) development of ethical values and personal responsibility.

The program educational objectives are met by providing a curriculum which follows contemporary guidelines for computer science. Mathematics and digital hardware courses are important components of the curriculum. In addition to these traditional technical courses, and in keeping with the Jesuit tradition of educating the whole person, the curriculum includes core requirements in the humanities, communications, social sciences, and the fine arts.

Opportunities for involvement in professional societies, student design competitions, and University co-curricular activities are plentiful and help to accomplish these objectives.

Computer Science Curriculum

(124 S.H.)

Major Requirements

Lower Division Requirements:

CMSI 185, 186, 281, 282, 284; ELEC 281; MATH 131, 132, 248.

Upper Division Requirements:

CMSI 370, 371, 385, 386, 387, 401, 402, 486, 488; ELEC 385; MATH 360, 366.

Electives

Eighteen (18) semester hours designated as electives are to be selected as follows:

- (a) At least six semester hours to be selected from:
300 and 400-Level CMSI courses and/or MATH 321, 331, 357, 471, or 500-level MATH courses.
- (b) At least twelve semester hours of science electives, including a two-semester sequence of laboratory science.

Freshman Year

<i>Fall Semester</i>		S.H.
CMSI 185	Computer Programming	3
ENGL 110	College Writing	3
MATH 131	Calculus I.....	4
___	Science Elective.....	4
___	University Core	3
		17

<i>Spring Semester</i>		S.H.
CMSI 186	Programming Laboratory.....	3
MATH 132	Calculus II.....	4
___	Science Elective.....	4
___	University Core	3
___	University Core	3
		17

Sophomore Year

<i>Fall Semester</i>		S.H.
CMSI 281	Data Structures/Algorithms I.....	3
MATH 248	Intro to Methods of Proof	3
___	Science Elective.....	4
___	Free Elective.....	3
___	University Core	3
		16

<i>Spring Semester</i>		S.H.
CMSI 282	Data Structures/Algorithms II.....	3
CMSI 284	Computer Systems Organization	3
ELEC 281	Logic Design	3
MATH 366	Discrete Methods.....	3
___	University Core	3
		15

Junior Year

<i>Fall Semester</i>		S.H.
CMSI 370	Interaction Design.....	3
CMSI 385	Intro to Theory of Computation	3
CMSI 386	Programming Languages.....	3
___	CMSI/MATH Elective	3
___	University Core	3
		15

<i>Spring Semester</i>		S.H.
CMSI 371	Computer Graphics	3
CMSI 387	Operating Systems	3
CMSI 488	Compiler Construction	4
ELEC 385	Computer Systems Design.....	3
___	University Core	3
		16

Senior Year*Fall Semester*

		S.H.	
CMSI 401	Software Engineering Lab	3	
CMSI 486	Intro to Database Systems	3	
MATH 360	Probability and Statistics.....	3	
___ ___	University Core	3	
___ ___	University Core	3	

Spring Semester

		S.H.	
CMSI 402	Senior Project Lab.....	4	
___ ___	CMSI/MATH Elective	3	
___ ___	University Core	3	
___ ___	University Core	3	

The proper sequence of the University core courses should be discussed with the student's advisor.

Computer Science**CMSI 182****Introduction to Computer Science***3 Semester Hours*

Great ideas in computer science, including some programming using a contemporary programming language.

Lecture, 3 hours.

CMSI 185**Computer Programming***3 Semester Hours*

Introduction to algorithms and computer programming using Java.

Lecture, 3 hours.

CMSI 186**Programming Laboratory***3 Semester Hours*

Workshop in Java programming, treating one medium-sized application every two weeks in a laboratory setting. Typical projects: discrete simulation, randomized estimation, maze solving, dynamic programming, large-number arithmetic, numerical methods, GUIs.

For majors and minors only.

Prerequisite: A grade of C (2.0) or better in CMSI 185.

CMSI 261**Epistemological Foundations of Computer Science***3 Semester Hours*

A study of the philosophical and epistemological roots of computer science. Topics include: language, thought, cognition, logic, computation, the Church-Turing thesis, computer programming, and artificial intelligence.

Lecture, 3 hours.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

CMSI 264**Cryptography throughout the Ages***3 Semester Hours*

Descriptions of mathematical systems that have been used for enciphering and deciphering information, and a study of the context in which these systems arose.

Lecture, 3 hours.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

CMSI 281**Data Structures and Algorithms I***3 Semester Hours*

Introduction to data types, information structures, and algorithms. Topics include: collection classes and interfaces for sets, lists, stacks, queues, and dictionaries; implementation techniques such as arrays, linked lists, and efficient tree structures; introduction to computational complexity; elementary sorting; hashing.

Lecture, 3 hours.

Prerequisite: A grade of C (2.0) or better in CMSI 185.

CMSI 282**Data Structures and Algorithms II***3 Semester Hours*

Selected topics from algorithm paradigms, greedy methods, dynamic programming, search techniques, randomization, and simulated annealing; advanced sorts, order statistics, and string matching; cake-cutting and fair division; generating combinatorial objects; graph algorithms.

Lecture, 3 hours.

Prerequisite: CMSI 281.

CMSI 284**Computer System Organization***3 Semester Hours*

Basic principles of computer systems. Topics include: data representations, instructions and instruction formats, assemblers and assembly languages, linking and loading, process execution, interrupt and device-handling, file management, and mixed-language programming.

Lecture, 3 hours.

Prerequisite: CMSI 281.

CMSI 298**Special Studies***1-3 Semester Hours***CMSI 299****Independent Studies***1-3 Semester Hours***CMSI 342****Object Technologies***3 Semester Hours*

Software design and implementation using object-oriented and component technologies. Topics include: object-oriented concepts such as classes, interfaces, inheritance, polymorphism, and message passing; design patterns; integrated data exchange; and remoting. Technologies covered include UML, XML, J2EE, and .NET.

Lecture, 3 hours.

Prerequisite: CMSI 281.

CMSI 355**Networks***3 Semester Hours*

A detailed study of the design and use of internetworking technologies in modern digital communication systems. Topics include: routing and control protocols, signalling, multicasting, OSI 7-layer model sockets, IPv4, IPv6, UDP, TCP, ARP, ICMP, IGMP, Mobile IP, DNS, SMTP, FTP, VoIP, and HTTP.

Lecture, 3 hours.

Prerequisite: CMSI 284.

CMSI 365**Enterprise Production Practicum***1-3 Semester Hours*

The design, construction, and management of an online information system. Experience will be gained producing an in-use online system with emphasis on stability and usability for the target audience.

Prerequisite: Consent of instructor.

This course may be repeated for up to 3 semester hours of credit.

CMSI 370**Interaction Design***3 Semester Hours*

Introduction to interaction design and human-computer interaction, with equal emphasis on 1) learning how to design and evaluate interaction architectures and 2) learning how to use existing frameworks to implement such architectures. Topics include: interaction guidelines, principles, and theories; usability engineering; the model-view-controller (MVC) paradigm; and current frameworks such as Swing, GLUT, and Cocoa.

Lecture, 3 hours.

Prerequisite: CMSI 281.

CMSI 371**Computer Graphics***3 Semester Hours*

Introduction to interactive computer graphics, emphasizing raster-scan techniques. Topics include the design and use of graphics packages and standards such as OpenGL and Java2D, graphics engines, animation, the user-system interface, three dimensional modeling, computational geometry, shading, and ray tracing.

Lecture, 3 hours.

Prerequisite: CMSI 281.

CMSI 385**Introduction to the Theory of Computation***3 Semester Hours*

Introduction to the formal theory of computation. Topics include: finite automata and regular sets; context-free grammars and pushdown automata; Turing machines and computability; intractability.

Lecture, 3 hours.

Prerequisites: CMSI 281 and MATH 248.

CMSI 386**Programming Languages***3 Semester Hours*

A comparative study of the rationale, concepts, design, and features of several major programming languages. Topics include the role of bindings, control flow, types, subroutines, modules, objects, and concurrency. Major attention is given to C++, Java, ML, Perl, and JavaScript.

Lecture, 3 hours.

Prerequisite: CMSI 284.

CMSI 387**Operating Systems***3 Semester Hours*

Concepts in the design of operating systems, including: processes, process management, mutual exclusion, synchronization and message-passing, primary memory management, multiprogramming, paged allocation and paging policies, resource and I/O management, file systems, and security. Major emphasis is placed on UNIX and NT architectures and system programming in C.

Lecture, 3 hours.

Prerequisite: CMSI 284 or ELEC 383.

CMSI 398**Special Studies***1-4 Semester Hours*

CMSI 399**Independent Studies***1-4 Semester Hours*

CMSI 401**Software Engineering Lab***3 Semester Hours*

Design and implementation of large programs in a group setting, including use of the Unified Modeling Language (UML) for specifying, visualizing, and documenting models.

Lecture and Laboratory, 3 hours.

Prerequisite: Consent of instructor.

CMSI 402**Senior Project Lab***4 Semester Hours*

Analysis, design, implementation, and presentation of a large-scale, individual project, demonstrating mastery of the computer science curriculum.

Lecture and Laboratory, 4 hours.

Prerequisite: Consent of instructor.

CMSI 461**Multimedia Design***3 Semester Hours*

Multimedia program development, including project concept, audience analysis, needs analysis, creative and visual treatments, CD-ROM and World Wide Web technical issues, interface design, media formats, authoring languages, and multimedia project management. A project requires that students design a multimedia program leading to a proof-of-concept prototype.

Lecture, 3 hours.

Prerequisite: Consent of instructor.

CMSI 462**Multimedia Production***3 Semester Hours*

Production of medium to large-scale multimedia programs including usability analysis, detailed design, script writing, media production, audio production, graphics production, authoring, program engine development, media integration, packaging, marketing, and duplication. A project requires that students produce a multimedia program leading to a web site and CD-ROM distribution.

Lecture, 3 hours.

Prerequisite: CMSI 461.

CMSI 475**Computational Complexity***3 Semester Hours*

Introduction to the study of computational complexity, including efficient algorithms for matrix multiplication and fast Fourier transforms, the classes P and NP, approximation algorithms, randomized algorithms and RP, parallel algorithms and NC.

Lecture, 3 hours.

Prerequisites: CMSI 282 and 385.

CMSI 485**Artificial Intelligence***3 Semester Hours*

Introduction to the theory and applications of artificial intelligence. Topics include heuristic search theory, knowledge representation and symbolic reasoning, natural language understanding, and machine learning.

Lecture, 3 hours.

Prerequisites: CMSI 385 and 386.

CMSI 486**Introduction to Database Systems***3 Semester Hours*

Theory and design of database systems, with emphasis on relational and object-oriented models. Topics include semantic data modeling, database languages, data integrity, physical database design, normalization, indexing, query processing, transaction management, and concurrency control.

Lecture, 3 hours.

Prerequisites: CMSI 386 and 387.

CMSI 488**Compiler Construction***4 Semester Hours*

Introduction to the theory and design of translators for high-level computer programming languages. Topics include programming language specification, scanner construction, parser construction, intermediate representations, code generation, and optimization. Coursework includes implementation of a compiler.

Lecture, 3 hours.

Prerequisites: CMSI 385 and 386.

CMSI 498**Special Studies***1-4 Semester Hours***CMSI 499****Independent Studies***1-4 Semester Hours***CMSI 583****Theory of Computation***3 Semester Hours*

Finite automata, regular sets; context-free grammars, pushdown automata; context-free languages; Turing machines, decidable and undecidable problems; complexity, intractability, and NP-completeness.

Lecture, 3 hours.

Prerequisite: CMSI 281.

CMSI 585**Programming Languages***3 Semester Hours*

Introduction to the principles of programming language design and implementation via a comparative study of several major languages. Topics include syntactic and semantic specification, bindings, control flow, types, subroutines, modules, objects, and concurrency. Major attention is given to C/C++, Java, ML, Perl, and JavaScript.

Prerequisites: CMSI 284 and 386.

CMSI 587**Operating Systems***3 Semester Hours*

Topics in the design of operating systems with emphasis on large-scale multiprocessing, multiprogramming, and distributed environments. Topics include process scheduling, interprocess communication, I/O management, virtual memory management, file systems, and network, distributed, and real-time operating systems.

Prerequisite: CMSI 284.

CMSI 588**Compiler Construction***3 Semester Hours*

Topics in the theory and design of compilers and interpreters for high-level programming languages, including scanners and scanner-generators, context-free grammars and pushdown automata, parser construction, code generation, syntax-directed translation, error analysis and recovery, and optimization and data-flow analysis.

Lecture, 3 hours.

Prerequisites: CMSI 583 and 585.

General Engineering

A General Engineering curriculum is offered during the first three semesters in which all requirements are nearly identical regardless of major. This provides maximum flexibility since students can switch to any major at any time during their first three semesters without losing any time or credit. During this period, students can be classified as “Undecided Engineering” or can opt for one of the engineering majors—civil, electrical, or mechanical engineering. The principles and concepts that students learn during the General Engineering curriculum provide the foundation necessary for more advanced study in all engineering disciplines.

The freshman engineering faculty advisor advises all engineering students during the first three semesters. Students must consult each semester with the freshman advisor and register for the appropriate courses listed under the General Engineering curriculum. Any variation from the recommended paradigm must be approved by the freshman advisor.

Unless unusual circumstances suggest otherwise, a commitment to a particular major should be made before the second semester of the sophomore year. Students will then be assigned to a faculty advisor within their major. The Office of the Registrar must be informed whenever a student changes or declares a major.

General Engineering Curriculum

Freshman Year

<i>Fall Semester</i>		S.H.
CHEM 110	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
ENGL 110	College Writing	3
ENGR 100	Intro to Engineering.....	3
MATH 131	Calculus I.....	4
___	University Core	3
		17

<i>Spring Semester</i>		S.H.
ENGR 140	Eng Graphics & Design	3
MATH 132	Calculus II.....	4
PHYS 101	Intro to Mechanics	4
PHYS 103	Intro to Mechanics Lab.....	0
___	University Core	3
___	University Core	3
		17

Sophomore Year

<i>Fall Semester</i>		S.H.
ENGR 200	Statics	3
ENGR 240*	Algorithms & Applications	3
MATH 234	Calculus III.....	4
PHYS 201	Intro to Elec & Mag	4
PHYS 203	Intro to Elec & Mag Lab	0
___	University Core	3
		17

* Students following the Computer Engineering emphasis take CMSI 185, Computer Programming, in place of ENGR 240 (see Electrical Engineering).

ENGR 100

Introduction to Engineering Analysis and Problem Solving

3 Semester Hours

This course is designed to excite an interest in the engineering profession, establish a foundation of proper study skills, encourage creativity, stimulate cooperative learning, enhance communication skills, improve problem solving skills, introduce the design process, and develop a working knowledge of spreadsheets and word processing.

Lecture, 2 hours; Workshop, 2 hours.

ENGR 140**Engineering Graphics and Design***3 Semester Hours*

Introduction to the design process through a hands-on design project performed in teams. In addition, engineering graphics and communication skills are introduced in the areas of computer aided drafting (CAD) and technical communication (graphical, written, and oral). Engineering graphics topics include orthographic and isometric projections and dimensioning. CAD tools, such as AutoCAD and Inventor, are introduced and used for rapid prototyping and geometric analysis. Students present the results of their design projects.

Lecture, 2 hours; Laboratory, 2 hours.

ENGR 200**Statics***3 Semester Hours*

Resultants of force systems, free-body diagrams, equations of equilibrium and their applications, analysis of trusses, centroids and moments of inertia, shear and moment diagrams.

Lecture, 3 hours.

Prerequisite: PHYS 101.

Co-requisite: MATH 132.

ENGR 240**Algorithms and Applications***3 Semester Hours*

The development of algorithms for the computer solution of engineering problems and the implementation of the algorithms using spreadsheets and MATLAB.

Lecture, 3 hours.

ENGR 300**Fundamentals of Engineering (FE) Examination***0 Semester Hours*

A review of topics in mathematics, science, and engineering in preparation for the Fundamentals of Engineering (FE) Examination. Students must register for and take the Fundamentals of Engineering (FE) Examination.

Prerequisite: Junior standing.

ENGR 400**Senior Seminar***0 Semester Hours*

Presentations emphasizing ethics; economics; societal, political, and global issues; lifelong learning; and contemporary engineering issues.

Lecture, 1 hour.

Prerequisite: Senior standing.

Mathematics

Faculty

Chairperson: Jacqueline M. Dewar

Professors: Lev Abolnikov, Curtis D. Bennett,

Michael Berg, Jacqueline M. Dewar, Ben F. Fitzpatrick,
Michael D. Grady, Suzanne Larson, Herbert A. Medina,
David M. Smith, Connie J. Weeks, Warren S. Wright,
Dennis G. Zill

Associate Professors: Lily S. Khadjavi, Patrick D. Shanahan,
Thomas Zachariah

Assistant Professors: Erika T. Camacho, Alissa S. Crans,
Blake Mellor, Edward C. Mosteig

Clinical Faculty: Chien-Ling Tseng

Objectives

Mathematics, as an intellectual activity, is both an art and a powerful tool for problem solving and for understanding the physical universe. A mathematics major explores the different facets of the discipline through a broad spectrum of courses in applied, computational, and pure mathematics. In addition to exploring mathematics, a student majoring in mathematics takes classes from other fields (e.g., science and education) that help her/him prepare for her/his chosen career. The Department's programs allow a student to focus on different aspects of the discipline and lead to one of three undergraduate degrees:

- Bachelor of Arts with a major in Mathematics
- Bachelor of Science with a major in Mathematics
- Bachelor of Science with a major in Applied Mathematics

The Department offers minors in Pure Mathematics, Applied Mathematics, and Secondary Education Mathematics. These minors are designed for students majoring in another field (e.g., engineering, physics, business, economics, computer science, or liberal studies) who wish to develop an undergraduate background in mathematics that goes beyond the requirements of their degree program.

In addition to its major and minor degree programs, the Mathematics Department serves every department in LMU's four Colleges, the School of Film and Television, and the School of Education through the core curriculum and by providing students in other majors courses designed to serve the mathematical needs of their fields of study.

Mathematics Placement Examination

The purpose of this examination is to determine the level of preparation of the student and to place her/him in the appropriate mathematics course. Any student with three years of high school mathematics including two years of algebra and one year of geometry should be adequately prepared to take this examination. However, students may wish to review these areas.

All first-year students with majors in the Frank R. Seaver College of Science and Engineering or the College of Business Administration, or who are Economics majors or Liberal Studies majors, must take the mathematics placement examination. Psychology majors are required to take MATH 104. All other majors are required to take MATH 102 or higher (see the section on Proficiency in Mathematics).

All students transferring into the Frank R. Seaver College of Science and Engineering or the College of Business Administration, or who are Economics majors or Liberal Studies majors, must take the mathematics placement examination unless they have transferred a college algebra or higher level college mathematics class approved by the Mathematics Department before entering LMU.

Any student, no matter her/his major, who plans to take MATH 106, 111, 112, 120, 122, or 131 and who has not transferred a college algebra or higher level college mathematics class is required first to take the mathematics placement examination.

General Major Requirements

Students must complete the corresponding Bachelor of Arts or Bachelor of Science University Core requirements as defined by the Frank R. Seaver College of Science and Engineering; students will choose the proper sequence of University Core courses in consultation with their advisor.

Mathematics majors and minors are not permitted to enroll in a mathematics course without a minimum grade of C (2.0) in that course's prerequisite. A minimum grade of C (2.0) is required in each course in the lower division major requirements. A minimum cumulative grade point average of C (2.0) is required in the upper division major requirements for graduation.

Lower Division Major Requirements

MATH 131, 132, 190, 191, 234, 245, 248, 250, 282; one science course chosen from PHYS 101, 201; or CMSI 185, 281. The Bachelor of Science in Mathematics and the Bachelor of Science in Applied Mathematics degrees require an additional science course chosen from the PHYS and CMSI courses listed above; a second CMSI or PHYS course may also be counted towards the Bachelor of Arts degree in Mathematics (please see upper division requirements below).

Bachelor of Arts with a Major in Mathematics

This major is designed for students who are interested in pursuing a career in teaching mathematics at the secondary (i.e., high school) level. With the help of her/his advisor, the student may design a schedule carefully so that s/he can complete the 2042 California Preliminary Single Subject (Secondary) Teaching Credential during her/his four years at LMU. Furthermore, a program may be designed that allows a student to complete the mathematics degree, credential, and a Master of Arts in Teaching Mathematics at LMU in five years including two summer sessions.

Upper Division Requirements (11 courses):

MATH 321, 331, 357, 360, 490, 493 or 497, 550, and one additional 3-unit upper division MATH elective (excluding MATH 301, 302, 308, and 309) chosen in consultation with her/his advisor; EDUC 488; and two 3-unit EDUC courses chosen from the list of requirements for the preliminary single subject secondary credential or one such EDUC course and one course from BIOL 101, 102, 201, 202; CHEM 110, 112, 220; CMSI 185, 281, 282; or PHYS 101, 201.

Bachelor of Science with a Major in Mathematics

This degree program is designed for students who want a broad foundation in pure mathematics. It is especially suited for students who expect to pursue a graduate degree in mathematics.

Upper Division Requirements (10 courses):

MATH 321, 322, 331, 332 or 350, 357, 360, 471 or 473, 491 or 497, and two additional 3-unit upper division MATH electives (excluding MATH 301, 302, 308, and 309) chosen in consultation with her/his advisor.

Bachelor of Science with a Major in Applied Mathematics

This degree program is designed for students who want a broad foundation in applied and computational mathematics. It is especially suited for students who intend to work in a mathematics-related field in industry or who wish to pursue a graduate degree in applied mathematics or science.

Upper Division Requirements (10 courses):

MATH 321, 322 or 357, 331 or 350, 355, 360, 495 or 497, 560, one of 561, 562, or 582; and two additional 3-unit courses chosen in consultation with his/her advisor from the following list: upper division mathematics classes numbered MATH 321 or higher; CIVL 310, 315; CMSI 282, 371, 385, 583; ELEC 232, 333, 361; PHYS 212, 301, 302, 321, 322.

Biomathematics

Under the direction of an advisor, the student selects courses from the fields of biology, chemistry, computer science, and mathematics and obtains a Bachelor of Science degree through the Individualized Studies Program.

Any deviation from the above programs requires formal approval of the student's advisor and the Department Chairperson.

Minor in Applied Mathematics Requirements

At least 24 semester hours including MATH 131, 132, 234, 245; MATH 355, 360 or 366; MATH 321 (MATH 248 is a prerequisite for MATH 321, so the MATH 321 option requires 27 semester hours), 357, 560, or 562; and one additional 3 semester-hour upper division MATH course chosen in consultation with the applied mathematics minor advisor or MATH 248 and 250 (this option requires 27 semester hours). A cumulative grade point average of C (2.0) or better is required in the courses included in the minor.

Minor in Pure Mathematics Requirements

At least 23 semester hours including MATH 131, 132, 248; MATH 234 or 250; MATH 321, 357, or 471; MATH 331 or 350; and one additional 3 semester-hour upper division MATH course chosen in consultation with the pure mathematics minor advisor. A minimum cumulative grade point average of C (2.0) is required in the courses included in the minor.

Minor in Secondary Education Mathematics Requirements

At least 24 semester hours including MATH 131, 132, 234, 248, 360, 490, and 550. A cumulative grade point average of C (2.0) or better is required in the courses included in the minor.

Bachelor of Arts in Mathematics Curriculum

(124/126 S.H.)

Freshman Year

<i>Fall Semester</i>		S.H.
ENGL 110	College Writing	3
MATH 131	Calculus I.....	4
MATH 190	Workshop in Math I.....	2
___	University Core*	3
___	University Core*	3
		15

<i>Spring Semester</i>		S.H.
MATH 132	Calculus II.....	4
MATH 191	Workshop in Math II.....	2
___	Science Requirement.....	3/4
___	University Core*	3
___	University Core*	3
		15/16

Sophomore Year

<i>Fall Semester</i>		S.H.
MATH 234	Calculus III.....	4
MATH 248	Intro to Methods of Proof	3
___	University Core*	3
___	University Core*	3
___	University Core*	3
		16

Upon successful completion of MATH 248, the student must make an appointment with her/his advisor to discuss which of the three major programs the student wishes to pursue. The student should then contact the Chairperson of the Mathematics Department to have an upper division advisor appropriate to that major assigned.

<i>Spring Semester</i>		S.H.
EDUC 4xx	Education Requirement	3
MATH 245	Ordinary Differential Equations	3
MATH 250	Linear Algebra	3
MATH 282	Elem Numerical Methods.....	3
MATH 293**	Field Experience**	0
___	University Core*	3
___	University Core*	3
		18

Junior Year

<i>Fall Semester</i>		S.H.
EDUC 4yy	Educ. Req. (or 2nd Sci.)	3/4
MATH 321	Real Variables I.....	3
MATH 360	Intro to Probability & Stats	3
___	University Core*	3
___	University Core*	3
		15/16

<i>Spring Semester</i>		S.H.
MATH 331	Elements of Group Theory.....	3
MATH 3xx	Mathematics Elective	3
MATH 490	History of Mathematics.....	3
___	University Core*	3
___	University Core*	3
___	Elective.....	3
		18

Senior Year

<i>Fall Semester</i>		S.H.	
EDUC 488	Trends in Tching Sec Math	3	
MATH 357	Complex Variables.....	3	
MATH 493	Seminar for Educators	3	
or	MATH 497	Thesis	(3)
MATH 550	Geometry.....	3	
___	Elective.....	3	
		15	

<i>Spring Semester</i>		S.H.
___	___	Elective..... 3
___	___	Elective***..... 3
___	___	Elective***..... 3
___	___	Elective***..... 3
		12

* HIST 162 satisfies both the U.S. Constitution requirement for the preliminary teaching credential and 3 units of the history core requirement. POLS 135 satisfies both the U.S. Constitution requirement for the preliminary teaching credential and 3 units of the social science core requirement.

** This course is required for the student who wishes to get a secondary teaching credential.

*** For the student who is working on the teaching credential, these units can be used for secondary directed teaching (EDUC 412).

Bachelor of Science in Applied Mathematics Curriculum

(124/126 S.H.)

Freshman Year

<i>Fall Semester</i>		S.H.
ENGL 110	College Writing.....	3
MATH 131	Calculus I.....	4
MATH 190	Workshop in Math I.....	2
___	University Core.....	3
___	University Core.....	3
		15

<i>Spring Semester</i>		S.H.
MATH 132	Calculus II.....	4
MATH 191	Workshop in Math II.....	2
___	Science Requirement.....	3/4
___	University Core.....	3
___	University Core.....	3
		15/16

Sophomore Year

<i>Fall Semester</i>		S.H.
MATH 234	Calculus III.....	4
MATH 248	Intro to Methods of Proof.....	3
___	Science Requirement.....	3/4
___	University Core.....	3
___	University Core.....	3
		16/17

Upon successful completion of MATH 248, the student must make an appointment with her/his advisor to discuss which of the three major programs the student wishes to pursue. The student should then contact the Chairperson of the Mathematics Department to have an upper division advisor appropriate to that major assigned.

<i>Spring Semester</i>		S.H.
MATH 245	Ordinary Differential Equations.....	3
MATH 250	Linear Algebra.....	3
MATH 282	Elem Numerical Methods.....	3
___	University Core.....	3
___	University Core.....	3
		15

Junior Year

<i>Fall Semester</i>		S.H.
MATH 321	Real Variables I.....	3
MATH 350*	Adv Linear Algebra*.....	3
or	___	University Core..... (3)
MATH 360	Intro to Probability & Stats.....	3
___	University Core.....	3
___	University Core.....	3
		15

<i>Spring Semester</i>	S.H.
MATH 322** Real Variables II**	3
or _____ Elective.....	(3)
MATH 560 Topics in Probability & Stats	3
MATH 56x Numerical Methods Class	3
_____ Elective.....	3
or _____ University Core	(3)
_____ Elective.....	3
_____ Elective.....	3
	18

Senior Year

<i>Fall Semester</i>	S.H.
MATH 357** Complex Variables**	3
or _____ Elective.....	(3)
MATH 495 Mathematical Modeling	3
MATH 3xx Mathematics Elective	3
or _____ 3xx Science Elective.....	(3)
or _____ 3xx Engineering Elective	(3)
_____ Elective.....	3
_____ Elective.....	3
	15

<i>Spring Semester</i>	S.H.
MATH 331* Elements of Group Theory*	3
or _____ Elective.....	(3)
MATH 355 Methods of Applied Mathematics.....	3
MATH 3xx Mathematics Elective	3
or _____ 3xx Science Elective.....	(3)
or _____ 3xx Engineering Elective	(3)
_____ Elective.....	3
_____ Elective.....	3
	15

* Either MATH 331 or MATH 350 is required (but not both) for the Bachelor of Science in Applied Mathematics.

** Either MATH 322 or MATH 357 is required (but not both) for the Bachelor of Science in Applied Mathematics.

Bachelor of Science in Mathematics Curriculum

(124/126 S.H.)

Freshman Year

<i>Fall Semester</i>	S.H.
ENGL 110 College Writing	3
MATH 131 Calculus I.....	4
MATH 190 Workshop in Math I.....	2
_____ University Core	3
_____ University Core	3
	15

<i>Spring Semester</i>	S.H.
MATH 132 Calculus II.....	4
MATH 191 Workshop in Math II.....	2
_____ Science Requirement.....	3/4
_____ University Core	3
_____ University Core	3
	15/16

Sophomore Year

<i>Fall Semester</i>	S.H.
MATH 234 Calculus III.....	4
MATH 248 Intro to Methods of Proof	3
_____ Science Requirement.....	3/4
_____ University Core	3
_____ University Core	3
	16/17

Upon successful completion of MATH 248, the student must make an appointment with her/his advisor to discuss which of the three major programs the student wishes to pursue. The student should then contact the Chairperson of the Mathematics Department to have an upper division advisor appropriate to that major assigned.

<i>Spring Semester</i>		S.H.
MATH 245	Ordinary Differential Equations	3
MATH 250	Linear Algebra	3
MATH 282	Elem Numerical Methods.....	3
___ ___	University Core	3
___ ___	University Core	3
		15

<i>Spring Semester</i>		S.H.
MATH 3yy	Mathematics Elective	3
or MATH 491***	Seminar***	3
MATH 497***	Thesis***	(3)
___ ___	Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		15

Junior Year

<i>Fall Semester</i>		S.H.
MATH 321	Real Variables I.....	3
MATH 360	Intro to Probability & Stats	3
___ ___	University Core	3
___ ___	University Core	3
___ ___	University Core	3
		15

* Either MATH 332 or MATH 350 is required (but not both) for the Bachelor of Science in Mathematics.

** Either MATH 471 or MATH 473 is required (but not both) for the Bachelor of Science in Mathematics.

*** Either MATH 491 or MATH 497 is required (but not both) for the Bachelor of Science in Mathematics.

<i>Spring Semester</i>		S.H.
MATH 322	Real Variables II.....	3
MATH 331	Elements of Group Theory.....	3
MATH 3xx	Mathematics Elective	3
___ ___	Elective.....	3
___ ___	Elective.....	3
___ ___	Elective.....	3
		18

MATH 101

Algebra

3 Semester Hours

Polynomials, rational expressions, exponents, radicals, equations in one and two variables, the quadratic formula, functions and graphs.

MATH 102

Quantitative Skills for the Modern World

3 Semester Hours

Quantitative and analytic skills used to understand personal and social issues faced in everyday life. Topics include problem solving, computer spreadsheets, probability and statistics, and the mathematics of finance.

Corequisite: MATH 103.

Senior Year

<i>Fall Semester</i>		S.H.
or MATH 332*	Elements of Ring Theory*	3
MATH 350*	Advanced Linear Algebra*	(3)
MATH 357	Complex Variables.....	3
or MATH 471**	Topology**	3
MATH 473**	Differential Geometry**	(3)
___ ___	Elective.....	3
___ ___	Elective.....	3
		15

MATH 103

Quantitative Skills for the Modern World Lab

0 Semester Hours

Concurrent laboratory for MATH 102.

Corequisite: MATH 102.

MATH 104

Elementary Statistics

3 Semester Hours

Introduction to methods of inferential statistics, histograms, elementary probability, and random variables and distributions.

MATH 106

Mathematics for Elementary Teachers I

3 Semester Hours

Foundations of arithmetic from an advanced standpoint: sets, numeration systems, the structure of number systems, and problem solving strategies.

This course is recommended before enrolling in MATH 107.

Prerequisite: MATH 101 with a minimum grade of C (2.0) or Mathematics Placement Examination.

MATH 107

Mathematics for Elementary Teachers II

3 Semester Hours

Geometry, metric system, and introduction to probability and statistics.

Prerequisite: MATH 101 with a minimum grade of C (2.0) or Mathematics Placement Examination.

MATH 111

Mathematical Analysis for Business I

3 Semester Hours

Systems of equations and inequalities, exponential and logarithmic functions, math of finance, linear programming.

Prerequisite: MATH 101 or Mathematics Placement Examination.

MATH 112

Mathematical Analysis for Business II

3 Semester Hours

Introduction to the differential and integral calculus of elementary functions. Applications of the methods of calculus to business and economics problems.

Prerequisite: MATH 111 or 120 or Mathematics Placement Examination.

MATH 120

Precalculus Mathematics

3 Semester Hours

Functions; polynomial, rational, trigonometric, exponential and logarithmic functions.

Prerequisite: MATH 101 or Mathematics Placement Examination.

MATH 122

Calculus for the Life Sciences I

3 Semester Hours

An introduction to calculus. Derivatives and integrals of the elementary functions, and applications.

Prerequisite: MATH 120 or Mathematics Placement Examination.

MATH 123

Calculus for the Life Sciences II

3 Semester Hours

Integration methods with applications, differential equations and modeling, and introduction to multivariate calculus.

Prerequisite: MATH 122 or equivalent.

MATH 131

Calculus I

4 Semester Hours

Limits, continuity, derivatives of algebraic and transcendental functions, applications of the derivative, antiderivatives, introduction to the definite integral, Fundamental Theorem of Calculus.

Prerequisite: MATH 120 or Mathematics Placement Examination.

MATH 132

Calculus II

4 Semester Hours

Techniques of integration, numerical methods of integration with error analysis, applications of the integral, improper integrals, infinite series, an introduction to parametric equations and polar coordinates.

Prerequisite: MATH 131 or equivalent.

MATH 190

Workshop in Mathematics I

2 Semester Hours

Study skills, analytical and problem solving skills, technical writing, recent fields of study, and advances in mathematics, mathematical career opportunities.

MATH 191

Workshop in Mathematics II

2 Semester Hours

A continuation of MATH 190.

MATH 198

Special Studies

1-4 Semester Hours

MATH 199
Independent Studies
1-4 Semester Hours

MATH 234
Calculus III
4 Semester Hours

Partial derivatives, multiple integrals, three-dimensional space, vectors in two- and three-dimensional space, line integrals, Green's theorem.

Prerequisite: MATH 132 or equivalent.

MATH 245
Ordinary Differential Equations
3 Semester Hours

Differential equations as mathematical models; analytical, qualitative, and numerical approaches to differential equations and systems of differential equations; and Laplace transform techniques.

Prerequisite: MATH 132 or equivalent.

MATH 248
Introduction to Methods of Proof
3 Semester Hours

Number theory, sets, functions, equivalence relations, cardinality, methods of proof, induction, contradiction, contraposition.

Prerequisite: MATH 132 or equivalent.

MATH 250
Linear Algebra
3 Semester Hours

Systems of linear equations, Gauss and Gauss-Jordan elimination, matrices and matrix algebra, determinants. Linear transformations of Euclidean space. General vector spaces, linear independence, inner product spaces, orthogonality. Eigenvalues and eigenvectors, diagonalization. General linear transformations.

Prerequisite: MATH 234 or 248 or consent of instructor.

MATH 261
Mathematics: Contributions by Women
3 Semester Hours

A study of the lives and work of women mathematicians from the 4th through the 21th centuries. Topics include prime numbers, conic sections, cycloid curve, functions, sequences, series, polyhedra, and group theory.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

MATH 264
Cryptography throughout the Ages
3 Semester Hours

A study of mathematical systems used for enciphering and deciphering information and the context in which these systems arose; in particular, encryption/decryption used during World War II and modern systems, including public key cryptography. Policy issues related to cryptography also will be studied.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

MATH 282
Elementary Numerical Methods
3 Semester Hours

Computer solutions of applied mathematical problems using a procedural programming language and a computer algebra system. Nonlinear equations, differentiation, integration.

Prerequisite: MATH 131 or equivalent.

MATH 285
Discrete Mathematics for Engineering
3 Semester Hours

An introduction to basic counting; permutations; combinations; probability; the binomial distribution; set theory; generating functions; recurrence relations; with C programming.

Prerequisite: MATH 132 or equivalent.

MATH 293
Mathematics Teaching Field Experience
0 Semester Hours

Planned observation, instruction or tutoring experiences appropriate for future secondary or middle school mathematics teachers; related professional reading and reflections.

MATH 298
Special Studies
1-4 Semester Hours

MATH 299
Independent Studies
1-4 Semester Hours

MATH 301**Mathematical Ideas for Future Teachers I***3 Semester Hours*

A selection of topics from number theory, algebra, game theory, probability, and statistics of interest to future teachers. The emphasis is on deepening students' understanding of the methods and philosophy of mathematics. Students will actively engage in exploring mathematics through student investigations and presentations.

Prerequisites: MATH 107 and MATH 111 or 112 or 120 or 122 or 131.

MATH 302**Mathematical Ideas for Future Teachers II***3 Semester Hours*

A selection of topics from geometry and topology of interest to future teachers. The emphasis is on deepening students' understanding of the methods and philosophy of mathematics. Students will actively engage in exploring mathematics through student investigations and presentations.

Prerequisites: MATH 107 and MATH 111 or 112 or 120 or 122 or 131.

MATH 308**Mathematics for Elementary Teachers Workshop I***1 Semester Hour*

Hands-on use of math manipulatives related to the elementary school concepts of sets, systems of numeration, whole numbers, integers, fractions, and decimals.

Prerequisite: MATH 106 or concurrent enrollment or consent of instructor.

MATH 309**Mathematics for Elementary Teachers Workshop II***1 Semester Hour*

Hands-on use of math manipulatives related to geometry, probability, and statistics appropriate to the elementary school mathematics curriculum.

Prerequisite: MATH 107 or concurrent enrollment or consent of instructor.

MATH 321**Real Variables I***3 Semester Hours*

The real number system, least upper bound, sequences, Cauchy sequences, functions, limits of functions, continuity, derivatives, and Riemann integration.

Prerequisite: MATH 248.

MATH 322**Real Variables II***3 Semester Hours*

Infinite series, uniform convergence, power series, and improper integrals.

Prerequisite: MATH 321.

MATH 331**Elements of Group Theory***3 Semester Hours*

Group theory. binary operations, subgroups, cyclic groups, factor groups, isomorphism, homomorphism, and Cayley's theorem.

Prerequisite: MATH 248.

MATH 332**Elements of the Theory of Rings and Fields***3 Semester Hours*

Rings, integral domains, fields, ideals, factor rings, polynomial rings, and unique factorization domains.

Prerequisite: MATH 331.

MATH 350**Advanced Linear Algebra***3 Semester Hours*

Vector spaces over an arbitrary field, dual spaces, Cayley-Hamilton theorem, invariant subspaces, canonical forms for matrices, inner product spaces over \mathbb{C} , the spectral theorem.

Prerequisite: MATH 248 and 250.

MATH 355**Methods of Applied Mathematics***3 Semester Hours*

Series solutions and special functions, orthogonal functions and Fourier series, linear partial differential equations and boundary-value problems.

Prerequisites: MATH 234 and 245.

MATH 357**Complex Variables***3 Semester Hours*

Complex variables, analytic functions, Laurent expansions and residues, evaluation of real integrals by residues, integral transforms.

Prerequisite: MATH 234.

MATH 360**Introduction to Probability and Statistics***3 Semester Hours*

Descriptive statistics, probability, discrete and continuous random variables, limit theorems, sampling distributions, estimations of parameters, nonparametric methods, hypothesis testing, linear regression.

Prerequisite: MATH 123 or 132.

MATH 366**Discrete Methods***3 Semester Hours*

An introduction to graph theory; trees; coloring; Eulerian circuits. Combinatorics; permutations and combinations; recurrence relations.

Prerequisite: MATH 248.

MATH 393**Mathematics Internship***1-3 Semester Hours*

Internship conducted in an industrial, business, government, or educational setting involving applied mathematical work or teaching. This will involve a research project (or paper) coordinated jointly with an onsite supervisor and a Department faculty member.

Enrollment is subject to available opportunities and approval of the Department Chairperson.

MATH 397**Putnam Competition Preparation***0-1 Semester Hours*

A study of problem-solving techniques and skills to prepare students to participate in the William Lowell Putnam Mathematical Competition, a prestigious national exam. The course may be repeated for credit. Grading is Credit/No Credit. The course may not be used to satisfy any of the requirements of the mathematics major or minor.

Prerequisite: Consent of instructor.

MATH 398**Special Studies***1-4 Semester Hours***MATH 399****Independent Studies***1-4 Semester Hours***MATH 471****Topology***3 Semester Hours*

An introduction to metric and topological spaces; continuity and homeomorphism; separation properties; connectivity and compactness; examples and applications.

Prerequisite: MATH 321.

MATH 473**Differential Geometry***3 Semester Hours*

Curves, parameterizations, and arc length; surfaces, differentiable functions, and the first fundamental form (area); the Gauss map; isometries, Gauss' Theorema Egregium, geodesics, and the Gauss-Bonnet theorem.

Prerequisites: MATH 234 and 250.

MATH 490**History of Mathematics***3 Semester Hours*

The development of mathematics from historical and cultural viewpoints, including both European and non-European roots of mathematics as well as contributions by women.

Prerequisite: MATH 248.

MATH 491**Senior Mathematics Seminar***3 Semester Hours***MATH 493****Senior Seminar for Future Mathematics Educators***3 Semester Hours*

Topics in high school mathematics are examined from an advanced standpoint by developing and exploring extensions and generalizations of typical high school problems, by making explicit connections between these problems and upper division mathematics courses, and by providing historical context. Current issues in secondary mathematics education will be investigated. Written and oral presentations are required.

Prerequisite: Senior standing or consent of instructor.

MATH 495**Mathematical Modeling***3 Semester Hours*

Introduction to various modeling techniques, design and implementation of algorithms, organization and presentation of results, introduction to problem solving using computer algebra systems.

Prerequisite: Senior standing or consent of instructor.

MATH 497**Senior Thesis***3 Semester Hours*

This course is intended to provide the student with an opportunity to complete a substantive research project under the guidance of a faculty member. The student will prepare a written report and an oral presentation on the project at the end of the semester.

Prerequisite: Senior standing and the consent of both the Chairperson and a faculty thesis advisor.

MATH 498**Special Studies***1-3 Semester Hours***MATH 499****Independent Studies***1-3 Semester Hours***MATH 511****Mathematics and Gender Issues***3 Semester Hours*

Historical and current gender issues in mathematics examined through 1) the lives and mathematical work of women mathematicians from the 4th to the 21st centuries and 2) equity issues in K-12 mathematics education and math-related careers. Mathematical topics include prime numbers, conic sections, functions, sequences and series, polyhedra and group theory.

Prerequisites: MATH 107 and 111 or 112 or 120 or 122 or 131 or consent of instructor.

MATH 550**Fundamental Concepts of Geometry***3 Semester Hours*

Euclidean and non-Euclidean planar geometries, axiomatic systems, synthetic and analytic representations, relationships with algebra, and selected topics and applications.

Prerequisites: MATH 248 and 250.

MATH 560**Advanced Topics in Probability and Statistics***3 Semester Hours*

Material to be covered will be determined by the instructor. Consult with the instructor for the specific topics in probability and statistics that will be covered in any given semester.

Prerequisites: MATH 234 and 360.

MATH 561**Computational Methods in Linear Algebra***3 Semester Hours*

Numerical solutions of linear systems of equations, Gauss elimination and iterative methods, eigenvalues and eigenvectors.

Prerequisites: CMSI 185 or MATH 282, and MATH 250 or consent of instructor.

MATH 562**Numerical Analysis***3 Semester Hours*

Numerical solutions of nonlinear equations, interpolation, numerical differentiation, integration, and solutions of differential equations.

Prerequisites: CMSI 185 or MATH 282, and MATH 245 or consent of instructor.

MATH 568**Mathematical Methods of Operations Research***3 Semester Hours*

Linear and dynamic programming, network analysis, inventory control.

Prerequisite: MATH 360.

MATH 575**Introduction to Orbit Determination***3 Semester Hours*

A brief introduction to Banach and Hilbert spaces, the Projection Theorem, linear minimum variance estimates, the Kalman filter, variational equations and orbit determination examples. The final exam is a computer problem that involves tracking a spacecraft orbiting an asteroid by means of Doppler measurements.

Prerequisites: MATH 245, 250, and consent of instructor.

MATH 582**Analysis of Algorithms***3 Semester Hours*

Design, comparison, and analysis of mathematical algorithms, including implementation and testing using Fortran.

Prerequisite: CMSI 185 or MATH 282 or consent of instructor.

MATH 590**History of Mathematics for Secondary Teachers***3 Semester Hours*

The development of mathematics from historical and cultural viewpoints, including both European and non-European roots of mathematics as well as contributions by women. Course content will be connected to the secondary classroom.

Prerequisite: MATH 248.

MATH 598**Special Studies***1-3 Semester Hours***MATH 599****Independent Studies***1-3 Semester Hours*

Mechanical Engineering

Faculty

Chairperson: Nader Saniei
Professors: Omar S. Es-Said, Mel I. Mendelson,
Rafiqul I. Noorani, Bohdan W. Oppenheim,
Nader Saniei

Assistant Professor: Matthew T. Siniawski

Description

Mechanical Engineering is very broad in scope and is pertinent to a variety of engineering activities and products including vehicles for ground, sea, air, and space transportation, power plants, machines, manufacturing systems, structures, and process plants. The Mechanical Engineering program provides a solid foundation for work in all of these fields. Engineering design is a major emphasis of the curriculum and is supported by modern, well-equipped laboratories. Laboratories include the computer-aided design, engineering and manufacturing laboratory, the materials processing and structures laboratory, the thermal/fluids laboratory, the Engineering Design Center and the video/multimedia laboratory. The curriculum covers contemporary technology as well as the fundamentals for future technologies. It is designed to prepare students for graduate school as well as for employment in industry.

Students can participate in national and regional design competitions and in the work of the U.S. Department of Energy Industrial Assessment Center located on the LMU campus. THE DOE/IAC affords LMU engineering students the opportunity to gain income, academic credit, and professional experience as they perform on-site energy, pollution, and productivity audits for small- and medium-sized manufacturing firms.

Accreditation

The Mechanical Engineering program is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012; telephone: (410) 347-7700.

Mission

The mission of the Mechanical Engineering Department is to provide a high quality, practice-oriented, design-focused curriculum that prepares students for both graduate studies and leadership roles in industry.

Objectives

The Mechanical Engineering program has established the following program educational objectives that are consistent with the University's mission and the department's program outcomes. They are supported through major requirements, core curriculum, research activities, national engineering programs, design competitions, internships, professional society involvement, and extra-curricular activities. During the first 3-5 years after graduation, Mechanical Engineering graduates will:

1. Advance in their professional careers and pursue graduate studies and continuous learning in areas relevant to their long-term goals;
2. Demonstrate leadership in professional activities such as research, experimental studies, and industrial projects;
3. Be capable of working effectively in cross-functional teams, communicating effectively, and participating in the practice of mechanical engineering design; and
4. Contribute to professional societies and demonstrate ethical conduct.

These program educational objectives are accomplished through the major requirements, the core curriculum, design competitions, internships, professional society involvement, and extracurricular activities.

Design in Mechanical Engineering

Engineering design is the key task of the engineer. It is the process of creatively conceiving a system, component, or process to meet a specified societal need in an optimal manner. While the resulting design must satisfy the appropriate specifications and constraints, consideration must also be given to economics, social impact, marketability, manufacturability, product support, environmental impact, safety, and final disposition. The Mechanical Engineering faculty have adopted a methodology of design which guides the student through the design process. The steps of this methodology are studied and practiced in the Mechanical Engineering curriculum. The course descriptions which follow reflect how the design methodology is integrated throughout the curriculum.

Mechanical Engineering Curriculum

(132 S.H.)

Major Requirements

Lower Division Requirements:

CHEM 110, 111; CIVL 200; ENGR 100, 140, 200, 240; MATH 131, 132, 234, 245; MECH 231, 240, 251; PHYS 101, 103, 201, 203.

Upper Division Requirements:

CIVL 310, 395; ELEC 311, 312; ENGR 300, 400; MATH 355; MECH 300, 312, 315, 334, 340, 341, 342, 345, 353, 441, 483, 484, 488, 536, 550; Mechanical Engineering Elective (3 semester hours of 400- or 500-level MECH course work).

Freshman Year

<i>Fall Semester</i>		S.H.
CHEM 110	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
ENGL 110	College Writing	3
ENGR 100	Intro to Engineering.....	3
MATH 131	Calculus I.....	4
___	University Core	3
		17

<i>Spring Semester</i>		S.H.
ENGR 140	Eng Graphics & Design	3
MATH 132	Calculus II.....	4
PHYS 101	Intro to Mechanics	4
PHYS 103	Intro to Mechanics Lab.....	0
___	University Core	3
___	University Core	3
		17

Sophomore Year

<i>Fall Semester</i>		S.H.
ENGR 200	Statics	3
ENGR 240	Algorithms & Applications	3
MATH 234	Calculus III.....	4
PHYS 201	Intro to Elec & Mag	4
PHYS 203	Intro to Elec & Mag Lab.....	0
___	University Core	3
		17

<i>Spring Semester</i>		S.H.
CIVL 200	Mechanics of Materials.....	3
MATH 245	Differential Equations	3
MECH 231	Dynamics I.....	3
MECH 240	Engineering Systems I	2
MECH 251	Thermodynamics	3
___	University Core	3
		17

Junior Year

<i>Fall Semester</i>		S.H.
CIVL 310	Fluid Mechanics	3
ELEC 311	Electronics and Instrum	3
ELEC 312	Electronics and Instrum Lab.....	0
MECH 312	Materials Science.....	3
MECH 334	Dynamics II.....	3
MECH 341	Mechanical Eng Lab I.....	2
___	University Core	3
		17

<i>Spring Semester</i>		S.H.
CIVL 395	Eng Econ & Dec Theory	3
ENGR 300	Fund. Engineering Exam	0
MECH 300	Professional Seminar.....	1
MECH 315	Metal & Mat Eng.....	3
MECH 340	Engineering Systems II	3
MECH 342	Mechanical Eng Lab II.....	2
MECH 345	Intro to Prob & Statistics	1
MECH 353	Heat Transfer.....	3
		16

Senior Year

<i>Fall Semester</i>		S.H.
MECH 441	Mechanical Eng Lab III	2
MECH 483	Elements of Design	3
MECH 488	Thermal Systems Eng.....	3
MECH 536	Shock & Vibration Eng.....	3
MECH 550	CAM.....	2
___ ___	University Core	3

<i>Spring Semester</i>		S.H.
ENGR 400	Senior Seminar	0
MATH 355	Methods of Applied Mathematics.....	3
MECH 484	Mechanical Eng Design	3
MECH ___	Mechanical Eng Elective	3
___ ___	University Core	3
___ ___	University Core	3

The proper sequence of the University Core courses should be discussed with the student's advisor.

MECH 231**Dynamics I**

3 Semester Hours

Kinematics and kinetics of particles and rigid bodies, Newton's Laws, application of principles of work and energy, impulse and momentum, and vector approach.

Lecture, 3 hours.

Prerequisites: ENGR 200 and MATH 234.

MECH 240**Engineering Systems I**

2 Semester Hours

Introduction to computer-aided design techniques and applications to design and manufacturing problems. Topics include: computer graphics for geometric design, design of curves and shapes, numerical methods for CAD and optimization. Practice and use of solid modeling software package.

Lecture and Lab, 2 hours.

MECH 251**Thermodynamics**

3 Semester Hours

The fundamental concepts of classical thermodynamics including properties, work and heat; first and second laws; entropy; irreversible processes; and thermodynamic analysis of power cycles and refrigeration cycles.

Lecture, 3 hours.

Prerequisites: Sophomore standing in engineering.

MECH 260**Nanotechnology**

3 Semester Hours

An introduction to the nanotechnology language, relationship between the macroscopic-microscopic-nanoscale worlds, and exploring the social and ethical implications. Applications will be covered in biology, medicine, computers, and electronics.

Lecture, 3 hours.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

MECH 261**Biotechnology**

3 Semester Hours

An introduction to the integration of nanotechnology and molecular biology to solve industrial, economic, and medical problems. Such topics will include biological processes, DNA sequencing, recombinant DNA, genes, RNA, proteins, engineering bacteria, cloning, diagnostics, and drug delivery. The social and ethical implications will be covered.

Lecture, 3 hours.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

MECH 262**Information Technology**

3 Semester Hours

An introduction to communication systems and data processing. Such topics will include the electromagnetic spectrum, analog/digital transmission, Internet, computers, telephones, cell phones, radio, television, micro/nano-electronics, the history of modern information technology, and the social/ethical consequences.

Lecture, 3 hours.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

MECH 270**Materials***3 Semester Hours*

Introduction to the chemistry and physics of different materials. Types of materials (metals, ceramics, polymers, and composites) and the relation between their structure and properties. Selection of materials in different applications.

Lecture, 3 hours.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

MECH 275**Energy and the Environment***3 Semester Hours*

The basic concepts of temperature, heat, and energy conversion; various methods of energy conversion including stationary electric power plants, nuclear energy, solar heating and cooling, wind energy, geothermal energy, and ocean thermal energy; the effects of energy conversion on the environment.

Lecture, 3 hours.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

MECH 278**The Science of the Automobile***3 Semester Hours*

An introduction to today's automotive technology, and the science that supports it, using a systems approach to automotive design. Automotive design, function, and features are discussed, along with the manufacturing processes involved in automotive construction and the effect of globalization on the automotive industry.

Lecture, 3 hours.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

MECH 298**Special Studies***1-3 Semester Hours*

MECH 299**Independent Studies***1-3 Semester Hours*

MECH 300**Professional Seminar***1 Semester Hour*

Preparation for professional work and graduate studies. Resume and cover letter. Mock interviews. Career options: small, medium, and large firms; consulting; government service. US and foreign graduate schools, patent, trademark, and copyright law. Professional societies.

Lecture, 1 hour.

MECH 312**Materials Science***3 Semester Hours*

A study of metallic, polymeric, and ceramic materials, emphasizing dependence of mechanical and electrical properties on solid-state bonding forces and microstructure. Introductory design considerations.

Lecture, 3 hours.

Prerequisites: CHEM 110 and 111.

Corequisite: MECH 341.

MECH 315**Metallurgical and Materials Engineering***3 Semester Hours*

A concise introduction to the relationship of the microstructures and processing of metallic, ceramic, polymer, and composite materials and their relation to the properties required in engineering design.

Lecture, 3 hours.

Prerequisites: CIVL 200 and MECH 312.

Corequisite: MECH 342.

MECH 334**Dynamics II***3 Semester Hours*

Rigid body dynamics, rotating frame. Graphical methods for kinematics. Kinematics and elements of dynamics of planar linkages and gears. Synthesis of simple mechanisms. Degrees of freedom and mobility analysis. Computer simulations.

Lecture, 3 hours.

Prerequisite: MECH 231.

MECH 340
Engineering Systems II
3 Semester Hours

Process dynamics, instrumentation, and feedback applied to automatic process control.

Lecture, 3 hours.

Prerequisite: MATH 245.

MECH 341
Mechanical Engineering Lab I
2 Semester Hours

Students, working in teams, implement experimental projects in the disciplines of material science, mechanics of materials, fluid mechanics, and thermodynamics. Lab safety, instrumentation, test planning, data analysis, and report writing are emphasized.

Lecture/Laboratory, 3 hours.

Prerequisite: Junior standing.

MECH 342
Mechanical Engineering Lab II
2 Semester Hours

A continuation of MECH 341 with projects in the disciplines of metallurgy and heat transfer. Lab safety, statistical data analysis, and report writing are emphasized.

Lecture/Laboratory, 3 hours.

Prerequisite: MECH 341.

Corequisites: MECH 315 and 353.

MECH 345
Introduction to Probability and Statistics
1 Semester Hour

An introductory course into probability and statistics: conditional probability, independence, random variables, distributions, densities, sampling, statistical confidence.

Lecture, 1 hour.

Prerequisite: Junior standing in Mechanical Engineering.

MECH 353
Heat Transfer
3 Semester Hours

The fundamentals of conduction, convection, and radiation heat transfer. Thermal analysis and design of components and devices. Numerical analysis of heat conduction problem.

Lecture, 3 hours.

Prerequisite: MECH 251 or PHYS 202 and CMSI 185 or ENGR 240.

MECH 398
Special Studies
1-3 Semester Hours

MECH 399
Independent Studies
1-3 Semester Hours

MECH 441
Mechanical Engineering Lab III
2 Semester Hours

Laboratory applications of vibrations and data acquisition; elasticity, buckling, material testing; computer-aided manufacturing such as NC machining, rapid prototyping, and robotics; tribology; alternative energy technologies such as solar panels and fuel cells.

Lecture/Laboratory, 3 hours.

Corequisites: MECH 483 and 550.

MECH 483
Elements of Design
3 Semester Hours

The philosophy of design. Development of the methods of design. Application of the analysis of mechanical systems for stress, deflection, buckling, fatigue, and general reliability to the design of components such as springs, power screws, fasteners, bearings, and gears.

Lecture, 3 hours.

Prerequisites: CIVL 200 and MECH 334.

MECH 484**Mechanical Engineering Design***3 Semester Hours*

Capstone design projects. The philosophy and methodology of design applied to mechanical engineering systems. The main steps involved in the design process include needs assessment, problem formulation, abstraction and synthesis, and analysis. Project record books, design reviews, design drawings, oral presentations, and a final report are required.

Prerequisite: MECH 483.

Corequisite: ENGR 400.

MECH 488**Thermal Systems Engineering***3 Semester Hours*

Selected topics from thermodynamics, fluid mechanics, and heat transfer to include: review of fundamental concepts; boundary layer theory; isentropic flow through nozzles; shock waves; exergy analysis; gas mixtures; heat exchangers and design.

Lecture, 3 hours.

Prerequisites: CIVL 310 and MECH 353.

MECH 491**Industrial Assessment Center Practicum***3 Semester Hours*

Active participation in the U.S. Department of Energy Industrial Assessment Center, which performs about 25 assessments of small- and medium-size manufacturing plants per year, seeking opportunities in energy conservation, productivity improvements, and pollution minimization. Hands-on experience in plant equipment, technologies, layout, management, and labor issues. U.S. Department of Energy Certificate upon completion.

MECH 493**Mechanical Engineering Internship***1-3 Semester Hours*

Engineering analysis, testing, design, and/or production work conducted by the student in an industrial setting. The work will be supervised jointly by an engineer with the industrial firm and by a LMU Mechanical Engineering faculty member. The project must be approved by the Departmental faculty. Senior standing is required.

MECH 496**ASME Student Design Contest***1-3 Semester Hours*

Participation in a multidisciplinary team competition, namely the ASME Student Design Contest or others approved by the Department. The main steps involved in producing the completed design include problem formulation, abstraction and synthesis, analysis, building a prototype design, testing and building the final design.

MECH 498**Special Studies***1-3 Semester Hours***MECH 499****Independent Studies***1-3 Semester Hours***MECH 500****Quality***3 Semester Hours*

History and philosophy of quality; concurrent engineering; design and optimization of both product and process, optimization of matrix organizations; continuous improvement; spontaneous suggestions, PDCA cycle, Kaizen, Six Sigma, Theory of Constraint, benchmarking, brainstorming, re-engineering; Deming's profound knowledge and 14 points, Quantitative Methods; charts, Andon, Design of Experiments (optimization of processes, robustness, full factorials, fractional factorials, folding, Plackett-Burnam, introduction to nonlinear designs), Statistical Process Control; Quality systems; ISO 9001:2000, ISO 14001, CMMI, Malcolm Baldrige, TQM Self-Assessment Tool.

Lecture, 3 hours.

MECH 516**Materials Selection in Design***3 Semester Hours*

Application of principles of materials engineering to selection of materials for optimized engineering design, case studies in failure analysis.

Lecture, 3 hours.

Prerequisite: Senior standing in Mechanical Engineering.

MECH 525**Advanced Mechanics of Materials***3 Semester Hours*

General case of bending, combined bending and axial loads, curved bars, energy methods, buckling and elastic stability. Inelastic and plastic deformations.

Lecture, 3 hours.

Prerequisite: Senior standing in Mechanical Engineering.

MECH 527**Finite Elements Methods***3 Semester Hours*

Introduction to the theory and application of finite element methods. Review of the fundamentals of analytical models, elasticity, and structural mechanics. Review of matrix theory and calculation of variations. General process for the development of a finite element solution. Derivations of basic elements, including those for trusses, plane stress and plane strain, beams, plates, and solids. Discussion of the issues of conformity and completeness. Higher order interpolation functions and isoparametric elements. Solutions and applications to problems in structural mechanics, heat transfer, structural dynamics, and elastic stability. Practical examples.

Lecture, 3 hours.

Prerequisite: Senior standing in Mechanical Engineering.

MECH 536**Shock and Vibration Engineering***3 Semester Hours*

Harmonic Motion; phasors; vibration terminology; energy basics; single degree-of-freedom systems (free and forced undamped and damped vibration, free and forced transient vibration); Laplace transform; response spectrum; two-degree-of-freedom systems; frequency response; absorbers; normal modes; coordinate coupling; orthogonality; Lagrange's equation; continuous systems (longitudinal and torsional vibration of a rod), approximate and exact solutions; wave propagation.

Lecture, 3 hours.

Prerequisites: CIVL 200, MATH 245, and Senior standing in Mechanical Engineering.

MECH 550**Computer-Aided Manufacturing***2 Semester Hours*

A comprehensive study of manufacturing with a focus on automation, flexible automation, group technology, process planning, and design for manufacturability. Principles and applications of computer numerical control (CNC) and NC programming, rapid prototyping, robotics, and quality engineering are introduced through lecture and laboratory work.

Lecture, 2 hours.

Prerequisites: CIVL 200 and MECH 312.

Corequisite: MECH 441.

MECH 558**Propulsion***3 Semester Hours*

This course combines fundamental fluid mechanical and thermodynamic concepts to characterize the components, operation, and performance of internal combustion propulsion devices for aircraft and space vehicles. A practical approach to understanding these devices is also given, supplementing and enhancing the analytical application. The fundamentals of alternative, advanced airbreathing and space propulsion concepts are also introduced.

Lecture, 3 hours.

MECH 560**Turbomachinery***3 Semester Hours*

Compressor, pump, fan selection and applied theory.

Lecture, 3 hours.

Prerequisite: Senior standing in Mechanical Engineering.

MECH 571**Design of Fluid-Thermal Systems***3 Semester Hours*

The disciplines of thermodynamics, fluid mechanics, and heat transfer are reviewed and their principles applied to the design, selection, and analysis of pumps, pipes, heat exchangers, and power plants. Other topics include availability analysis, optimization, and design projects.

Lecture, 3 hours.

Prerequisite: Senior/Graduate standing.

MECH 595**Senior Research***1-3 Semester Hours*

Research project consisting of experimental and/or theoretical studies under the direction of a faculty advisor.

Prerequisites: Senior standing and approval of Department Chairperson.

MECH 598**Special Studies***1-3 Semester Hours*

MECH 599**Independent Studies***1-3 Semester Hours*

Natural Science

Bachelor of Science in Natural Science

General Science Emphasis

Pre-Physical/Occupational Therapy Emphasis

Secondary Science Education Emphases

Bachelor of Science in Athletic Training

Bachelor of Science in Environmental Science

Faculty

Chairperson: James M. Landry

Professor: James M. Landry

Associate Professor: John H. Dorsey

Assistant Professors: Hawley C. Almstedt, David A. Ramirez,
Carolyn M. Viviano

Traditionally the University has offered degree programs in the sciences and mathematics. Although these programs provide for a broad overall education, the major curricula requirements are by necessity somewhat restricted and limiting. The Natural Science Department offers programs of study applying basic scientific knowledge to either multidisciplinary fields of study or specialties not easily accommodated through the traditional science disciplines. The Department offers three majors: the Natural Science major, with emphases in General Science, Pre-Physical/Occupational Therapy, and Secondary Science Education; the Athletic Training major, and the Environmental Science major. All students in the Department of Natural Science are required to complete an Independent Studies course. This can be accomplished by carrying out a research project under the guidance of a faculty member or through an internship in the emphasis of interest.

Bachelor of Science in Natural Science

The Natural Science major fills a need within the University for a more flexible general undergraduate degree program with an emphasis on natural sciences. In addition, specialized programs within Natural Science provide prerequisite training for graduate programs in physical and occupational therapies (and other allied health professions) and content preparation for a high school teaching credential.

General Science Emphasis

Objectives

The Natural Science major General Science emphasis is designed to serve those students interested in a broad education combining general science, engineering science, and liberal arts.

The program prepares students interested in the areas of law, business, elementary education, studio and graphic arts, journalism, and other professions for work where a science background could be an asset.

Major Requirements

66 semester hours are to be taken from course offerings in the Departments of Biology, Chemistry, Mathematics, Natural Science, Physics, and Engineering.

Lower Division Requirements:

NTLS 190 and one additional course must be taken in Natural Science. At least two courses numbered 100-259 must be taken from the Departments of Biology, Chemistry, Mathematics, and Physics. MATH 122 or 131 must be included. In order to be eligible to take an upper division science course, a student must have a C (2.0) average in the lower division science courses.

Upper Division Requirements:

27 semester hours must be taken in upper division offerings in the Departments of Biology, Chemistry, Natural Science, or Physics. This includes an upper division NTLS course with lab and two additional upper division laboratory courses. Up to 6 semester hours of internship courses, undergraduate research courses, and natural science teaching courses can be counted toward the upper division science requirement.

This requirement includes completion of 3 semester hours of Independent Studies at the senior level to enhance development of the student's science program.

A student must have a C (2.0) average in upper division science courses.

Minor Requirements

18 semester hours consisting of four courses at the lower division level (excluding NTLS 190) and two courses at the upper division level. In addition, one laboratory course is required.

This minor is not available to students within the Frank R. Seaver College of Science and Engineering.

B.S. Degree in Natural Science

General Science Emphasis (124 S.H.)

Freshman Year

<i>Fall Semester</i>		S.H.
BIOL 101	General Biology I	3
BIOL 111	General Biology I Lab	2
CHEM 110	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
ENGL 110	College Writing	3
MATH 120	Pre-Calculus	3
NTLS 190	Exploring the Natural Sciences	1
		—
		16

<i>Spring Semester</i>		S.H.
BIOL 102	General Biology II	3
BIOL 112	General Biology II Lab	2
CHEM 112	General Chemistry II	3
CHEM 113	General Chemistry II Lab	1
MATH 122	Calculus/Life Sciences I	3
— —	University Core	3
		—
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
NTLS —	Lower Division	3
— —	Science Elective with Lab	4
— —	University Core	3
— —	University Core	3
— —	University Core	3
		—
		16

<i>Spring Semester</i>		S.H.
— —	Science Elective	3
— —	Elective	3
— —	University Core	3
— —	University Core	3
— —	University Core	3
		—
		15

Junior Year

<i>Fall Semester</i>		S.H.
NTLS —	Upper Division with Lab	4
PHYS 253	General Physics I	4
PHYS 255	General Physics I Lab	0
— —	University Core	3
— —	Elective	3
		—
		14

<i>Spring Semester</i>		S.H.
PHYS 254	General Physics II	4
PHYS 256	General Physics II Lab	0
— —	Upper Division Science	3
— —	Upper Division Elective	3
— —	Upper Division Elective	3
— —	University Core	3
		—
		16

Senior Year

<i>Fall Semester</i>		S.H.
— —	UD Science with Lab	4
— —	Upper Division Science	3
— —	Upper Division Science	3
— —	Upper Division Elective	3
— —	University Core	3
		—
		16

<i>Spring Semester</i>		S.H.
— —	Independent Study	3
— —	UD Science with Lab	4
— —	Upper Division Science	3
— —	Upper Division Elective	3
— —	University Core	3
		—
		16

The proper sequence of the University Core courses should be discussed with the student's advisor. The course sequence in Mathematics depends on the results of the mathematics placement examination.

Pre-Physical/Occupational Therapy Emphasis

Objectives

This emphasis provides the student with the required courses in science, mathematics, psychology, and liberal arts needed to apply to either physical therapy or occupational therapy graduate programs. In addition, students are required to do internship work in a physical therapy or occupational therapy setting. This internship experience helps satisfy the volunteer hours required by the physical therapy or occupational therapy graduate programs.

Major Requirements

Lower Division Requirements:

BIOL 101, 102, 111, 112; CHEM 110, 111, 112, 113; MATH 104, 122; NTLS 151, 152, 153, 154, 190, 255; PHYS 253, 254, 255, 256; PSYC 100.

In order to be eligible to take an upper division science course, a student must have a C (2.0) average in the lower division science courses.

Upper Division Requirements:

27 semester hours must be taken in upper division offerings in the Departments of Biology, Chemistry, Natural Science, or Physics and must include: NTLS 355, 356, 480, 485, and 495 or 496. Two additional upper division laboratory courses must be taken. Up to 6 semester hours of internship courses, undergraduate research courses, and natural science teaching courses can be counted toward the upper division science requirement.

A student must have a C (2.0) average in upper division science courses.

The following upper division psychology courses are required: PSYC 332 and 352.

B.S. Degree in Natural Science

Pre-Physical/Occupational Therapy Emphasis (124 S.H.)

Freshman Year

<i>Fall Semester</i>		S.H.
BIOL 101	General Biology I	3
BIOL 111	General Biology I Lab	2
CHEM 110	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
ENGL 110	College Writing	3
MATH 120	Pre-Calculus.....	3
NTLS 190	Exploring the Natural Sciences	1
		16

<i>Spring Semester</i>		S.H.
BIOL 102	General Biology II	3
BIOL 112	General Biology II Lab	2
CHEM 112	General Chemistry II.....	3
CHEM 113	General Chemistry II Lab	1
MATH 122	Calculus/Life Sciences I	3
— —	University Core	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
NTLS 151	Human Anat & Physlgy I.....	3
NTLS 152	Human Anat & Phys I Lab	1
NTLS 255	Nutrition	3
PSYC 100	General Psychology	3
— —	University Core	3
— —	University Core	3
		16

<i>Spring Semester</i>		S.H.
MATH 104	Elementary Statistics.....	3
NTLS 153	Human Anat & Physlgy II.....	3
NTLS 154	Human Anat & Phys II Lab.....	1
— —	Elective.....	3
— —	University Core	3
— —	University Core	3
		16

Junior Year

<i>Fall Semester</i>		S.H.
___	UD Science	3
PHYS 253	General Physics I	4
PHYS 255	General Physics I Lab	0
PSYC 332	Psychological Disorders	3
___	University Core	3
___	University Core	3
		16

<i>Spring Semester</i>		S.H.
NTLS 355	Exercise Physiology	3
NTLS 356	Exercise Physiology Lab	1
PHYS 254	General Physics II	4
PHYS 256	General Physics II Lab	0
PSYC 352	Developmental Psychology	3
___	University Core	3
		14

Senior Year

<i>Fall Semester</i>		S.H.
NTLS 480	Kinesiology	3
___	UD Science with Lab	4
___	Upper Division Science	3
___	Upper Division Elective	3
___	University Core	3
		16

<i>Spring Semester</i>		S.H.
NTLS 485	Biomechanics	3
or	NTLS 495 Physical Therapy Intrnshp	3
NTLS 496	Occup Therapy Intrnshp	(3)
___	Upper Division Science with Lab	4
___	Upper Division Elective	3
___	Elective	2
		15

The proper sequence of the University Core courses should be discussed with the student's advisor. The course sequence in Mathematics depends on the results of the Mathematics Placement Examination.

Secondary Science Education Emphases

Objectives

These programs of study provide a good grounding in basic scientific and mathematical principles appropriate for those interested in pursuing teaching careers at the secondary level. The programs consist of: a breadth of knowledge requirement specifying courses in Biology, Chemistry, Geosciences, and Physics, a concentration requirement which allows for in-depth study in Biology or Chemistry, and an education requirement. The secondary school programs are designed to meet the State Teacher Credential requirements for subject matter preparation in science and are currently under review.

B.S. Degree in Natural Science

Secondary Science Education in Biology Emphasis (124 S.H.)

Freshman Year

<i>Fall Semester</i>		S.H.
BIOL 101	General Biology I	3
BIOL 111	General Biology I Lab	2
CHEM 110	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
ENGL 110	College Writing	3
MATH 122	Calculus/Life Sciences I*	3
NTLS 190	Exploring the Natural Sciences	1
		16

<i>Spring Semester</i>		S.H.
BIOL 102	General Biology II	3
BIOL 112	General Biology II Lab	2
CHEM 112	General Chemistry II	3
CHEM 113	General Chemistry II Lab	1
or	MATH 104 Elementary Statistics	3
MATH 123	Calculus/Life Sciences II	(3)
___	University Core	3
		15

Sophomore Year

<i>Fall Semester</i>	S.H.	
BIOL 201 Cell Function	3	
CHEM 220 Organic Chemistry I	3	
CHEM 221 Organic Chemistry I Lab	1	
NTLS 250 Blue Planet: Intro Earth Science	3	
___ ___ HIST 161 or POLS 135**	3	
___ ___ University Core	3	
	16	

<i>Spring Semester</i>	S.H.	
BIOL 202 Genetics	3	
EDUC 400 Sociocultural Analysis of Educ	3	
___ ___ University Core	3	
___ ___ University Core	3	
___ ___ Elective.....	3	
	15	

Junior Year

<i>Fall Semester</i>	S.H.	
BIOL 318 Ecology.....	3	
BIOL 319 Ecology Lab	1	
NTLS 370 Workshop Biology I	3	
NTLS 371 Workshop Biology I Lab	0	
PHYS 253 General Physics I	4	
PHYS 255 General Physics I Lab.....	0	
___ ___ University Core	3	
	14	

<i>Spring Semester</i>	S.H.	
EDUC 402 Educ Psyc for Adol Years.....	3	
NTLS 372 Workshop Biology II	3	
NTLS 373 Workshop Biology II Lab	0	
PHYS 254 General Physics II	4	
PHYS 256 General Physics II Lab	0	
___ ___ University Core	3	
___ ___ University Core	3	
	16	

Senior Year

<i>Fall Semester</i>	S.H.	
BIOL 475 Evolution	4	
NTLS 301 Environmental Science	3	
NTLS 367 Science & Life of Galileo	3	
NTLS 391/491 Science Educ Internship***	3	
___ ___ University Core	3	
	16	

<i>Spring Semester</i>	S.H.	
EDUC 414 Theories in Second Language Acq....	3	
or NTLS 355 Exercise Physiology.....	3	
BIOL 351 General Physiology.....	(3)	
or NTLS 356 Exercise Physiology Lab.....	1	
BIOL 352 General Physiology Lab	(1)	
___ ___ Upper Division Elective.....	3	
___ ___ University Core	3	
___ ___ University Core	3	
	16	

* The course sequence in Mathematics depends on the results of the Mathematics Placement Examination.

** Completion of either course will satisfy a University Core requirement. Please see advisor for the proper sequence of the University Core courses.

*** The Department encourages all students to complete the internship requirement as early as possible. Most students do their first internship during the summer after their sophomore year.

B.S. Degree in Natural Science

Secondary Science Education in Chemistry Emphasis
(124 S.H.)

Freshman Year

<i>Fall Semester</i>		S.H.
BIOL 101	General Biology I	3
BIOL 111	General Biology I Lab	2
CHEM 110	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
ENGL 110	College Writing	3
MATH 122	Calculus/Life Sciences I*	3
NTLS 190	Exploring the Natural Sciences	1
		16

<i>Spring Semester</i>		S.H.
BIOL 102	General Biology II	3
BIOL 112	General Biology II Lab	2
CHEM 112	General Chemistry II	3
CHEM 113	General Chemistry II Lab	1
MATH 123	Calculus / Life Sciences II	3
___ ___	University Core	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
BIOL 201	Cell Function	3
CHEM 220	Organic Chemistry I	3
CHEM 221	Organic Chemistry I Lab	1
NTLS 250	Blue Planet: Intro Earth Science	3
___ ___	HIST 161 or POLS 135**	3
___ ___	University Core	3
		16

<i>Spring Semester</i>		S.H.
CHEM 222	Organic Chemistry II	3
CHEM 223	Organic Chemistry II Lab	1
CHEM 360	Quantitative Analysis	4
CHEM 361	Quantitative Analysis Lab	0
EDUC 400	Sociocultural Analysis of Educ	3
___ ___	University Core	3
		14

Junior Year

<i>Fall Semester</i>		S.H.
CHEM 370	Intro to Biochemistry	3
NTLS 376	Workshop Chemistry I	3
NTLS 377	Workshop Chemistry I Lab	0
PHYS 253	General Physics I	4
PHYS 255	General Physics I Lab	0
___ ___	University Core	3
___ ___	University Core	3
		16

<i>Spring Semester</i>		S.H.
EDUC 402	Educ Psyc for Adol Years	3
NTLS 378	Workshop Chemistry II	3
NTLS 379	Workshop Chemistry II Lab	0
PHYS 254	General Physics II	4
PHYS 256	General Physics II Lab	0
___ ___	University Core	3
___ ___	University Core	3
		16

Senior Year

<i>Fall Semester</i>		S.H.
CHEM 340	Physical Chemistry I	3
CHEM 341	Physical Chemistry I Lab	1
NTLS 301	Environmental Science	3
NTLS 367	Science & Life of Galileo	3
___ ___	University Core	3
___ ___	Upper Division Elective	3
		16

<i>Spring Semester</i>	S.H.
CHEM 330 Inorganic Chemistry	3
EDUC 414 Theories in Second Language Acq....	3
NTLS 391/491 Science Educ Internship***	3
___ ___ University Core	3
___ ___ University Core	3
	15

* The course sequence in Mathematics depends on the results of the Mathematics Placement Examination.

** Completion of either course will satisfy a University core requirement. Please see advisor for the proper sequence of the University Core courses.

*** The Department encourages all students to complete the internship requirement as early as possible. Most students do their first internship during the summer after their sophomore year.

Bachelor of Science in Athletic Training

Director: David A. Ramirez

The Athletic Training major is designed for students interested in pursuing a career as a certified athletic trainer. The profession of Athletic Training is recognized by the American Medical Association as an allied health profession. Certified Athletic Trainers (ATC) are members of the National Athletic Trainers' Association (NATA) and are medical experts in preventing, assessing, managing, and rehabilitating injuries that result from physical activity. ATCs function as integral members of the health care team in professional sports organizations, colleges and universities, secondary schools, military branches, sports medicine clinics, industrial settings, and other health care venues.

Accreditation

The Athletic Training major curriculum, referred to as the Athletic Training Education Program (ATEP), is seeking accreditation through the Commission on the Accreditation of Allied Health Education Programs (CAAHEP). Currently, ATEP is in candidacy. Accreditation will follow pending completion of a minimum of two years of candidacy, submission of a self-study, and a site visit review by the Joint Review Committee on Educational Programs in Athletic Training.

Objectives

The athletic training student who successfully completes the ATEP curriculum will qualify to take the National Athletic Trainers' Association—Board of Certification national exam. Upon successful completion of the exam, the student will become a Certified Athletic Trainer. Also, the athletic training program provides the prerequisites needed to apply to graduate programs in a number of allied health careers. These include, but are not limited to, athletic training, physical therapy, occupational therapy, exercise science, and nutrition.

Athletic Training Education Program (ATEP)

As well as the general LMU entrance requirements, there are additional standards for continuation and completion of the ATEP. Each student will be reviewed in five areas: 1) collegiate academic performance, 2) personal and professional recommendations, 3) written communications, 4) oral communications, and 5) practical experiences. Each student in the ATEP will commit to a minimum of four semesters of clinical experiences. Those in the ATEP will be progressively rotated through a variety of clinical settings to learn and perfect the needed knowledge and skills.

Those students interested in the Athletic Training Education Program should meet as soon as possible with the Director to plan their academic program.

Major Requirements

Lower Division Requirements:

BIOL 101, 102, 111, 112; CHEM 110, 111, 112, 113; MATH 104 and 122; NTLS 151, 152, 153, 154, 160, 162, 190, 255; PHYS 253, 254, 255, 256; PSYC 100.

In order to be eligible to take an upper division science course, a student must have a C (2.0) average in the lower division science courses.

Upper Division Requirements:

37 semester hours must be taken in upper division natural science courses which include: NTLS 355, 356, 360, 362, 368, 369, 397, 460, 462, 464, 468, 469, 480, 485, and 497.

A student must have a C (2.0) average in upper division science courses.

One upper division psychology course is required: PSYC 332 or 352.

B.S. Degree in Athletic Training

(124 S.H.)

Freshman Year

Fall Semester

		S.H.
BIOL 101	General Biology I	3
BIOL 111	General Biology I Lab	2
CHEM 110	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
ENGL 110	College Writing	3
MATH 122	Calculus/Life Sciences I	3
NTLS 190	Exploring the Natural Sciences	1
		—
		16

Spring Semester

		S.H.
BIOL 102	General Biology II	3
BIOL 112	General Biology II Lab	2
CHEM 112	General Chemistry II.....	3
CHEM 113	General Chemistry II Lab	1
NTLS 160	Princ. of Athletic Training.....	3
NTLS 162	First Aid and Emerg. Response	2
— —	University Core	3
		—
		17

Sophomore Year

Fall Semester

		S.H.
MATH 104	Elementary Statistics.....	3
NTLS 151	Human Anat & Physlgy I.....	3
NTLS 152	Human Anat & Phys I Lab	1
NTLS 255	Nutrition	3
NTLS 360	Upper Extremity Evaluation.....	3
— —	University Core	3
		—
		16

Spring Semester

		S.H.
NTLS 153	Human Anat & Physlgy II.....	3
NTLS 154	Human Anat & Phys II Lab.....	1
NTLS 362	Lower Extremity Evaluation	3
NTLS 368	Ath Training Practicum I	1
PSYC 100	General Psychology	3
— —	University Core	3
		—
		14

Junior Year

Fall Semester

		S.H.
NTLS 369	Ath Training Practicum II	1
NTLS 460	Therap Mod in Sports Med.....	3
PHYS 253	General Physics I	4
PHYS 255	General Physics I Lab.....	0
PSYC 332	Psychological Disorders	3
or PSYC 352	Developmental Psych	(3)
— —	University Core	3
		—
		14

Spring Semester

		S.H.
NTLS 355	Exercise Physiology	3
NTLS 356	Exercise Physiology Lab.....	1
NTLS 462	Therap Rehab in Sprts Med.....	3
NTLS 468	Ath Training Practicum III	1
PHYS 254	General Physics II	4
PHYS 256	General Physics II Lab	0
— —	University Core	3
		—
		15

Senior Year

Fall Semester

		S.H.
NTLS 397	Athletic Training Intern I	4
NTLS 464	Admin in Sports Medicine.....	3
NTLS 480	Kinesiology.....	3
— —	University Core	3
— —	University Core	3
		—
		16

<i>Spring Semester</i>	S.H.
NTLS 469 Senior Seminar in Athletic Training...	1
NTLS 485 Biomechanics.....	3
NTLS 497 Athletic Training Intern II.....	4
___ ___ University Core	3
___ ___ University Core	3
___ ___ Elective.....	2
	16

The proper sequence of the University Core courses should be discussed with the student's advisor. The course sequence in Mathematics depends on the results of the mathematics placement examination.

Bachelor of Science in Environmental Science

Objectives

The objective of the Environmental Science major is to prepare a student for a career in the field of environmental sciences. Students receiving this degree can either pursue graduate studies, or enter the field of environmental science where many jobs are available, for example, with various private businesses, government agencies, and environmental advocacy groups.

The Environmental Science major is a rigorous interdisciplinary program involving course work in biology, chemistry, physics, and environmental science and engineering. Environmental science classes focus on theoretical and technical knowledge of the generation, transport and fate of pollutants, their impacts on natural resources and human health, resource management, and conveying technical information. Laboratory courses are designed to maximize hands-on experience in collecting samples from various media, and using an array of equipment to characterize samples of soils, water, and air. Many of the environmental science courses include field trips to the adjacent Ballona Wetlands and Santa Monica Bay to demonstrate methods for collecting samples, and to study environmental conditions and resident biota. Internships with local environmental organizations and companies are an integral component of the program. The major requires that the student conduct a research project followed by presentation of results upon completion.

Major Requirements

Lower Division Requirements:

BIOL 101, 102, 111, and 112; CHEM 110, 111, 112, 113, 220, 221, 222, and 223; MATH 104, 122, and 123; NTLS 101, 190, and 250; PHYS 253, 254, 255, and 256.

In order to be eligible to take an upper division science course, a student must have a C (2.0) average in the lower division science courses.

Upper Division Requirements:

33 upper division hours which will include: BIOL 318, 319, 361, and 362; CHEM 460; and NTLS 301, 302, 330, 332, 401, 512, and 525. In addition, an upper division elective course in natural science and an upper division science elective are required.

A student must have a C (2.0) average in upper division science courses.

Minor Requirements: Environmental Science

BIOL 101, 102, 111, 112; CHEM 110, 111, 112, 113; NTLS 101, 301, 302, 330. Any substitution must be made with the consent of the Chairperson of the Department. Natural Science majors with an emphasis in General Science must consult with the Chairperson to ensure selection of appropriate courses.

A grade of C (2.0) must be obtained in each course included in the minor.

B.S. Degree in Environmental Science

(124 S.H.)

Freshman Year

<i>Fall Semester</i>	S.H.
BIOL 101 General Biology I	3
BIOL 111 General Biology I Lab	2
CHEM 110 General Chemistry I	3
CHEM 111 General Chemistry I Lab	1
ENGL 110 College Writing	3
MATH 104 Elementary Statistics	3
NTLS 190 Exploring the Natural Sciences	1

<i>Spring Semester</i>		S.H.	<i>Spring Semester</i>		S.H.
BIOL 102	General Biology II	3	NTLS 330	Environmental Chemistry	3
BIOL 112	General Biology II Lab	2	NTLS 332	Environmental Sci Lab II	1
CHEM 112	General Chemistry II	3	PHYS 254	General Physics II	4
CHEM 113	General Chemistry II Lab	1	PHYS 256	General Physics II Lab	0
MATH 122	Calculus for Life Sciences I	3	___ ___	University Core	3
NTLS 101	Intro to Environmental Science	3	___ ___	University Core	3
		15	___ ___	Upper Division Elective	3
					17

Sophomore Year

<i>Fall Semester</i>		S.H.
CHEM 220	Organic Chemistry I	3
CHEM 221	Organic Chemistry I Lab	1
MATH 123	Calculus for Life Sciences II	3
NTLS 250	Blue Planet: Intro Earth Science	3
___ ___	University Core	3
___ ___	University Core	3
		16

<i>Spring Semester</i>		S.H.
CHEM 222	Organic Chemistry II	3
CHEM 223	Organic Chemistry II Lab	1
___ ___	University Core	3
___ ___	University Core	3
___ ___	University Core	3
___ ___	University Core	3
		16

Junior Year

<i>Fall Semester</i>		S.H.
BIOL 318	Ecology	3
BIOL 319	Ecology Lab	1
NTLS 301	Environmental Science	3
NTLS 302	Environmental Science Lab I	1
PHYS 253	General Physics I	4
PHYS 255	General Physics I Lab*	0
___ ___	University Core	3
		15

Senior Year

<i>Fall Semester</i>		S.H.
BIOL 361	Microbiology	3
BIOL 362	Microbiology Lab	1
CHEM 460	Instrumental Analysis	3
NTLS 525	Inland Waters	2
___ ___	Upper Division Science	3
___ ___	University Core	3
		15

<i>Spring Semester</i>		S.H.
NTLS 401	Senior Seminar/Project	3
NTLS 512	Air Pollution Analysis	2
NTLS ___	Upper Division Elective	3
___ ___	University Core	3
___ ___	Upper Division Elective	3
		14

The proper sequence of the University Core courses should be discussed with the student's advisor. The course sequence in Mathematics depends on the results of the Mathematics Placement Exam.

NTLS 101

Introduction to Environmental Science

3 Semester Hours

Introduction to the study of environmental science. Examination of issues and problems associated with the environment including examples from air, water, and soil pollution and some remediation strategies.

NTLS 120**Biology and Chemistry Applications***4 Semester Hours*

Fundamentals of biology and chemistry for engineering and science applications. Topics include microbial processes, cell chemistry and biology, rates of reaction, chemical equilibria, acid-base chemistry, and reduction-oxidation reactions as they apply to bioengineering, material science, nanotechnology, medical, and environmental applications. This is a project-based course conducted in a laboratory environment.

Lecture/lab, 4 hours.

NTLS 150**Human Anatomy and Physiology***3 Semester Hours*

The development, structure, and function of the human body with emphasis on integration and homeostasis.

For majors in psychology only.

NTLS 151**Human Anatomy and Physiology I***3 Semester Hours*

Comprehensive coverage of anatomy and physiology for the pre-health professions major. Topics include homeostasis and integumentary, skeletal, muscular, nervous, and endocrine systems.

Lecture, 3 hours.

NTLS 152**Human Anatomy and Physiology I Lab***1 Semester Hour*

Companion lab course to NTLS 151.

Laboratory, 4 hours.

Prerequisite: NTLS 151 or concurrent enrollment.

NTLS 153**Human Anatomy and Physiology II***3 Semester Hours*

Continuation of comprehensive coverage of anatomy and physiology for the pre-health professions major. Topics include blood, cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive systems.

Lecture, 3 hours.

NTLS 154**Human Anatomy and Physiology II Lab***1 Semester Hour*

Companion lab course to NTLS 153.

Laboratory, 4 hours.

Prerequisite: NTLS 153 or concurrent enrollment.

NTLS 160**Principles of Athletic Training***3 Semester Hours*

Provides knowledge in basic athletic training skills. Instruction and experience in prevention and care of athletic injuries. Recognition of athletic injuries and methods of taping, bracing, and therapy will be addressed. Standard nomenclature of athletic injuries will be introduced.

Lecture, 3 hours.

NTLS 162**First Aid and Emergency Response***2 Semester Hours*

An advanced first aid course addressing responses to life-threatening emergencies. Injuries examined include those to the head, spine, and abdominal/thorax, while illnesses discussed include heat illness, shock, asthma, and diabetes.

Lecture, 2 hours.

NTLS 190**Exploring the Natural Sciences***1 Semester Hour*

Introduction to the areas of study and career opportunities within the natural sciences.

Frank R. Seaver College of Science and Engineering majors only.

NTLS 198**Special Studies***1-4 Semester Hours*

NTLS 199**Independent Studies***1-4 Semester Hours*

NTLS 250**The Blue Planet: Introduction to Earth System Science***3 Semester Hours*

Students will learn about the earth's internal and external structure and the different types of materials that make up the planet. Students will study the various processes that are acting to alter and change the minerals and rocks within the earth and the geomorphic processes such as weathering, erosion, and deposition that are acting at the surface. Students will also learn about natural/environmental hazards, the importance of various natural mineral resources, and the history of the earth and its life forms.

Lecture, 3 hours.

NTLS 255**Nutrition***3 Semester Hours*

Nutrition as it relates to the physical well-being and behavior of people and how it affects athletic performance. Topics addressed will include carbohydrates, fats, proteins, vitamins and minerals, dietary supplements, weight gain/weight loss, and water.

Lecture, 3 hours.

NTLS 261**The Science in Science Fiction***3 Semester Hours*

The physics, chemistry, and biology found in science fiction literature are examined for accuracy and probability. Topics include the physics of space and space habitats, the chemistry and biology of life arising under non-earthlike conditions, and the ecology of imagined worlds. "Engineering" new worlds on the basis of sound scientific theory will be expected. Understanding of physical implications of simple algebraic expressions is required.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

NTLS 263**Surfin' Science***3 Semester Hours*

Various basic principles of oceanography, meteorology, and marine biology are explored as applied to the art of surfing. Topics include the genesis, propagation, and dynamics of waves; marine weather systems and surf prediction; marine organisms; and marine pollution issues of concern to surfers.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

NTLS 264**Survey of Marine Pollution***3 Semester Hours*

Information and discussion about marine pollution problems in Southern California. Issues of safe swimming, safe consumption of fish, and protection of marine environment will be examined.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

NTLS 265**Women in Science and Mathematics: Breaking the Stereotype***3 Semester Hours*

A study of the work of prominent women scientists and mathematicians. The course will also examine their lives and how they succeeded in traditionally male disciplines.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

NTLS 267**The Science and Life of Galileo***3 Semester Hours*

A study of the scientific works of Galileo and how they influenced changes in our world view during the 17th century.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

NTLS 270**Experimenting in Science I***4 Semester Hours*

Combination lecture and laboratory course designed to acquaint student with how science is done. Emphasis on active learning strategies such as performing experiments, demonstrations, group discussions. The study of general science principles, such as those typically introduced in K-8 education, in the areas of physical and earth science.

Lecture, 3 hours; Lab, 2 hours.

Liberal Studies majors only.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

NTLS 271**Experimenting in Science II***4 Semester Hours*

Combination lecture and laboratory course designed to acquaint student with how science is done. Emphasis on active learning strategies such as performing experiments, demonstrations, group discussions. The study of general science principles, such as those typically introduced in K-8 education, in the areas of earth science and life science.

Lecture, 3 hours; Lab, 2 hours.

Liberal Studies majors only.

Prerequisite: NTLS 270.

NTLS 272**Technology and the Environment***3 Semester Hours*

Scientific principles applied to Environmental Management and Public Health. The historical perspective. Pollution control and planning in the area of water resources, solid and liquid waste management. Radiation and thermonuclear power production, fundamentals of energy.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

NTLS 273**Earthquakes and Landslides***3 Semester Hours*

Examination of the processes that control the genesis and distribution of earthquakes, and review of methods of measuring and predicting earth movements.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

NTLS 274**Volcanoes—Origins and Processes***3 Semester Hours*

Examination of volcanoes, their etiology, world-wide distribution, and evaluation of their impact on local and global ecologies.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

NTLS 276**Atmospheric Science***3 Semester Hours*

The study of general phenomena of weather, including storms, atmospheric disturbances, and possible effects of pollution. This course involves weather forecasting using real-time meteorological data.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

NTLS 298**Special Studies***1-4 Semester Hours***NTLS 299****Independent Studies***1-4 Semester Hours***NTLS 301****Environmental Science***3 Semester Hours*

Study of environmental science problems stressing an interdisciplinary approach. Analysis of problem and formulation of remediation strategies considering appropriate principles from biology, chemistry, physics, earth science, and engineering.

Prerequisites: BIOL 101 and 102; CHEM 110 and 112.

NTLS 302**Environmental Science Lab I***1 Semester Hour*

Use of standard tests in environmental science to determine chemical and biological species of interest in air, water, and soil systems.

Laboratory, 4 hours.

Prerequisite: NTLS 301 or concurrent enrollment.

NTLS 310**Oceanography***3 Semester Hours*

The basic concepts of physical and biological oceanography will be presented.

Prerequisites: BIOL 101, 102, 111, 112; CHEM 110, 111, 112, 113.

NTLS 320

Science, Theology, and the Future

3 Semester Hours

A look at scientific discoveries, advances, and knowledge will be presented. The implications of the findings in science on theological questions and our world view will be explored.

Prerequisites: BIOL 101, 102, 111, 112; CHEM 110, 111, 112, 113.

NTLS 330

Environmental Chemistry

3 Semester Hours

A study of environmental chemistry. Topics include stratospheric chemistry, the chemistry of ground-level air and air pollution, toxic organic chemicals, the chemistry of natural waters, soil chemistry and heavy metals, energy production and the environment.

Prerequisites: CHEM 112 and 113.

NTLS 332

Environmental Science Lab II

1 Semester Hour

Use of standard methods of analysis to determine pollutants found in air, water, and soil systems. Emphasis will be on the use of instrumental methods and techniques.

Laboratory, 4 hours.

Prerequisites: BIOL 101 and 102; CHEM 110 and 112.

NTLS 355

Exercise Physiology

3 Semester Hours

In-depth examination of the biochemical, cellular, and organ system functions and adaptations associated with physical fitness and athletic conditioning.

Prerequisites: NTLS 153 and 154.

NTLS 356

Exercise Physiology Lab

1 Semester Hour

Companion lab course to NTLS 355.

Laboratory, 4 hours.

Prerequisite: NTLS 355 or concurrent enrollment.

NTLS 360

Upper Extremity Evaluation

3 Semester Hours

In-depth instruction on anatomy and functional abilities of the upper extremity. Emphasis on the assessment techniques for recognizing and evaluating athletic-related injuries. Additional concentration on the cervical region and postural issues of the spine will be addressed.

Lecture, 3 hours.

Prerequisites: NTLS 151 and 152 or concurrent enrollment.

NTLS 362

Lower Extremity Evaluation

3 Semester Hours

In-depth instruction on anatomy and functional abilities of the lower extremity. Emphasis on the assessment techniques for recognizing and evaluating athletic-related injuries. Additional concentration on the thoracic, lumbar, and sacral regions of the spine and gait analysis will be addressed.

Lecture, 3 hours.

Prerequisites: NTLS 153 and 154 or concurrent enrollment; NTLS 360.

NTLS 367

The Science and Life of Galileo

3 Semester Hours

A study of the scientific works of Galileo and how they influenced changes in our world view during the 17th century.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

NTLS 368

Athletic Training Practicum I

1 Semester Hour

Supervised experience in an athletic training environment. Additional study required with an emphasis on athletic training techniques and athletic injury management. An athletic training environment consists of any of the following sites: LMU athletic training room; local high school, college or university athletic training room; physical therapy clinic; or related health care facility.

Prerequisite: NTLS 160 or 360.

NTLS 369**Athletic Training Practicum II***1 Semester Hour*

Supervised experience in an athletic training environment. Additional study required with an emphasis on athletic training techniques and athletic injury management. An athletic training environment consists of any of the following sites: LMU athletic training room; local high school, college or university athletic training room; physical therapy clinic; or related health care facility.

Prerequisite: NTLS 368.

NTLS 370**Workshop Biology: Life Works I***3 Semester Hours*

The course discusses science pedagogy and allows students to experience working with science content as teachers, before they enter the classroom. Students will complete at least twenty hours of observation in high school classrooms and will be teaching lessons that they develop.

NTLS 371**Workshop Biology: Life Works I Laboratory***0 Semester Hours*

The laboratory companion course for NTLS 370.

Corequisite: NTLS 370.

NTLS 372**Workshop Biology: Life Works II***3 Semester Hours*

This course is a continuation of NTLS 370.

Prerequisites: NTLS 370 and 371.

NTLS 373**Workshop Biology: Life Works II Laboratory***0 Semester Hours*

The laboratory companion course for NTLS 372.

Corequisite: NTLS 372.

NTLS 375**Genetics***3 Semester Hours*

A study of Mendelian and molecular genetics.

Prerequisite: BIOL 201.

NTLS 376**Workshop Chemistry: The Elements of Nature I***3 Semester Hours*

The course discusses science pedagogy and allows students to experience working with science content as teachers, before they enter the classroom. Students will complete at least twenty hours of observation in high school classrooms and will be teaching lessons that they develop.

NTLS 377**Workshop Chemistry: The Elements of Nature I Laboratory***0 Semester Hours*

The laboratory companion course for NTLS 376.

Corequisite: NTLS 376.

NTLS 378**Workshop Chemistry: The Elements of Nature II***3 Semester Hours*

This course is a continuation of NTLS 376.

Prerequisites: NTLS 376 and 377.

NTLS 379**Workshop Chemistry: The Elements of Nature II Laboratory***0 Semester Hours*

The laboratory companion course for NTLS 378.

Corequisite: NTLS 378.

NTLS 391**Science Education Internship***1-4 Semester Hours*

Work on a project in science education either in the elementary school or secondary school setting or at another appropriate location.

NTLS 393**Environmental Science Internship***1-4 Semester Hours*

Work experience in the field of environmental science on a research, industry, or community-based project.

NTLS 395**Physical Therapy Internship***1-4 Semester Hours*

Work experience in physical therapy at a private facility, hospital, or athletic training facility.

NTLS 396**Occupational Therapy Internship**

1-4 Semester Hours

Work experience in occupational therapy at a private facility or hospital.

NTLS 397**Athletic Training Internship I**

4 Semester Hours

Supervised experience in an athletic training environment. Additional study required with an emphasis on athletic training techniques and athletic injury management. Emphasis on sport assignment and the daily working experience and duties associated with each respective team. An athletic training environment consists of any of the following sites: LMU athletic training room; local high school, college or university athletic training room; physical therapy clinic; or related health care facility.

Prerequisite: NTLS 468.

NTLS 398**Special Studies**

1-4 Semester Hours

NTLS 399**Independent Studies**

1-4 Semester Hours

NTLS 401**Senior Seminar/Project**

3 Semester Hours

Research work on a project within the field of environmental science including presentation of a seminar over work.

NTLS 455**Advanced Nutrition**

3 Semester Hours

Chemical and physiological studies of carbohydrate, protein, lipid, vitamin, and mineral metabolism. Application to the normal nutrition of human beings with special focus on optimal health and performance. Evaluation and interpretation of nutritional research methodology and findings.

Prerequisite: NTLS 255.

NTLS 456**Advanced Nutrition Laboratory**

1 Semester Hour

Application and evaluation of techniques used to assess nutritional status. Chemical and biochemical analysis of nutrients and metabolites in body fluids.

Corequisite: NTLS 455.

NTLS 458**Psychobiology Research**

3 Semester Hours

Students participate in on-going laboratory research on the psychobiology of learning and memory. Emphasis is on theoretical and methodological issues, research design, data collection, analysis, and interpretation.

Prerequisites: Grade of B (3.0) or higher in each: PSYC 241, 243, 261, 265. Grade of C (2.0) or higher in each: PSYC 401, 410,, 415. Consent of instructor.

NTLS 460**Therapeutic Modalities in Sports Medicine**

3 Semester Hours

Provides information regarding the physics and physiological effects of athletic training modalities. Gain understanding of the inflammatory process and pain management in relation to athletic injuries. Includes the physiological reactions, contraindications, and indications to such modalities as heat, cold, electricity, ultrasound, water, and massage. Instruction on proper use and application of specific modalities.

Lecture, 3 hours.

Prerequisites: NTLS 153 and 154.

NTLS 462**Therapeutic Rehabilitation in Sports Medicine**

3 Semester Hours

Instruction on how to design, implement, and supervise rehabilitation programs for sports-related injuries and conditions. Theoretical and clinical bases for the use of therapeutic exercises, basic biomechanics, indications, contraindications, and proper application of exercises in therapeutic rehabilitation.

Lecture, 3 hours.

Prerequisites: NTLS 153 and 154.

NTLS 464**Administration in Sports Medicine**

3 Semester Hours

Addresses organization and administration of athletic training programs both in athletic training rooms and clinical sites. Areas such as building a facility, legal issues, staffing, budgeting, insurance, computer use, record keeping, emergency care planning, and public relations will be discussed. Pharmacological issues as they pertain to athletic performance will be addressed.

Lecture, 3 hours.

NTLS 468**Athletic Training Practicum III***1 Semester Hour*

Supervised experience in an athletic training environment. Additional study required with an emphasis on athletic training techniques and athletic injury management. An athletic training environment consists of any of the following sites: LMU athletic training room; local high school, college or university athletic training room; physical therapy clinic; or related health care facility.

Prerequisite: NTLS 369.

NTLS 469**Senior Seminar in Athletic Training***1 Semester Hour*

Preparation for the National Athletic Trainers' Association Board of Certification Exam. Attention will be focused on a review of the NATA Athletic Training Educational Competencies.

Lecture, 1 hour.

Prerequisite: NTLS 397.

Corequisite: NTLS 497.

NTLS 480**Kinesiology***3 Semester Hours*

Analysis of the physics, anatomy, physiology, and psychology of movement mechanics and behavior.

Prerequisites: NTLS 153 and 154.

NTLS 485**Biomechanics***3 Semester Hours*

Identification of muscle action as related to the body's mechanics. Understanding basic mechanical principles as they apply to human movement.

Prerequisite: NTLS 480.

NTLS 490**Natural Science Teaching***1-2 Semester Hours*

Guided teaching of undergraduate laboratories.

May be repeated for credit.

Requires consent of Director.

NTLS 491**Science Education Internship***1-4 Semester Hours*

Work on a project in science education either in the elementary school or secondary school setting or at another appropriate location.

NTLS 493**Environmental Science Internship***1-4 Semester Hours*

Work experience in the field of environmental science in a research, industry, or municipal setting.

NTLS 495**Physical Therapy Internship***1-4 Semester Hours*

Work experience in physical therapy at a private facility, hospital, or athletic training facility.

NTLS 496**Occupational Therapy Internship***1-4 Semester Hours*

Work experience in occupational therapy at a private facility or hospital.

NTLS 497**Athletic Training Internship II***4 Semester Hours*

Supervised experience in an athletic training environment. Additional study required with an emphasis on athletic training techniques and athletic injury management. Emphasis on sport assignment and the daily working experience and duties associated with each respective team. An athletic training environment consists of any of the following sites: LMU athletic training room; local high school, college or university athletic training room; physical therapy clinic; or related health care facility.

Prerequisite: NTLS 397.

NTLS 498**Special Studies***1-4 Semester Hours***NTLS 499****Independent Studies***1-4 Semester Hours*

NTLS 510

Chemistry for Environmental Engineers

2 Semester Hours

Review of inorganic chemistry with particular emphasis on solution equilibrium and gas-solid solution interaction.

Prerequisite: CHEM 110.

NTLS 512

Air Pollution Analysis

2 Semester Hours

Detailed analysis of emission sources, emission calculation methods, and air pollution controls. The dispersion of air pollutants in the atmosphere (fates and lifetimes, dispersion modeling methods). In-depth techniques of conducting risk assessments due to exposure to air pollutants.

NTLS 513

Solid Wastes Engineering

2 Semester Hours

An application of current technology in the control, disposal, and recovery of value from solid wastes.

NTLS 525

Inland Waters

2 Semester Hours

The structure and movement of water in lakes, rivers, and estuaries; cyclical and progressive changes of the physical, chemical, and biological composition of aquatic systems are discussed along with an explanation of lake remediation techniques.

Lecture, 2 hours.

NTLS 531

Principles of Water Quality

2 Semester Hours

Review of basic parameters used to describe water quality. Fundamentals of aquatic interaction in natural systems and fate of pollutants in the natural environments. Basic water and wastewater treatment systems.

Prerequisite: Consent of Director.

NTLS 534

Groundwater Management

2 Semester Hours

Management of groundwater basins for optimum yield, quality, and environmental consideration, artificial recharge, methods of exploration, groundwater models, water rights, and conjunctive use of surface and groundwater.

NTLS 548

Hazardous Substances Management

2 Semester Hours

The study of regulation and management strategies for environment programs (hazardous substances), including hazardous waste, asbestos, underground tanks, air pollution, and the California Environmental Quality Act.

NTLS 591

Science Education Internship

1-4 Semester Hours

Work on a project in science education either in the elementary school or secondary school setting or at another appropriate location.

NTLS 593

Environmental Science Internship Workshop

1-4 Semester Hours

Advanced work experience in the field of environmental science in a research, industry, or municipal setting.

NTLS 598

Special Studies

1-4 Semester Hours

NTLS 599

Independent Studies

1-4 Semester Hours

Physics and Engineering Physics

Faculty

Chairperson: Vincent P. Coletta
 Professors: John B. Bulman, Vincent P. Coletta, Jeff Sanny
 Associate Professor: Gabriele Varieschi
 Assistant Professors: Jonas R. Mureika, Jeffrey A. Phillips
 Adjunct Professor: James McCarthy
 Clinical Faculty: A. Saleh-Jahromi

Physics

Objectives

The B.S. Physics degree provides a solid foundation in classical and modern physics. This program is well suited for the student who wishes to continue the study of physics at the graduate level, leading to a career in research and/or university teaching. With a proper choice of electives, the physics degree is also suitable for a variety of other careers requiring graduate education. Physics graduates can pursue advanced studies in fields such as optics, biophysics, geophysics and space science, nuclear engineering, business management, or law. Some physics majors choose electives that prepare them for medical school. Physics graduates can also select immediate employment in a number of areas, including high school teaching and various areas of industrial science and technology. Because of the flexibility of the physics major, with its numerous electives, it is possible to double major in physics and some other discipline. Examples of double degrees that can be completed in four years are physics and math, or physics and chemistry. Each of these double majors is very powerful, in that it develops the ability to solve problems that require a knowledge of two separate disciplines.

Major Requirements

Lower Division Requirements:

CHEM 110, 111, 112, 113; CMSI 185; MATH 131, 132, 234, 245; PHYS 101, 103, 190, 201, 203, 202, 204, 212. Each course in MATH and PHYS listed above must be passed with a grade of C (2.0) or better.

Upper Division Requirements:

MATH 355 and one from MATH 350, 357 or 360; PHYS 301, 302, 321, 322, 411, 412, 421, 441, 451. To graduate, a student must have at least a 2.0 average in all upper division physics courses.

Minor Requirements

21 semester hours with at least 6 semester hours in upper division courses. These shall include PHYS 101, 103, 201, 202, 203, 204, or PHYS 253, 254, 255, 256.

A grade of C (2.0) is required for every course included in the minor.

Engineering Physics

Objectives

The B.S. Engineering Physics degree provides extensive education in engineering as well as physics. The curriculum combines the strengths of a physics curriculum (with emphasis on understanding basic principles) and an engineering curriculum (with emphasis on applications). Graduates are especially well prepared for either graduate work in engineering or applied physics or for immediate employment by companies with an engineering research orientation. With the right electives, the curriculum provides excellent preparation for graduate work in biomedical engineering.

Major Requirements

Lower Division:

CHEM 110, 111; ELEC 232, 281; ENGR 100, 140, 200, 240; MATH 131, 132, 234, 245; PHYS 101, 103, 190, 201, 202, 203, 204, 212.

Each course in MATH and PHYS listed above must be passed with a grade of C (2.0) or better.

Upper Division:

ELEC 301, 353, 354; MATH 355; PHYS 301, 302, 321, 322, 412, 421, 441. Students must also take a two-course sequence in a technical area. Among the options are: ELEC 302 and ELEC 383; MECH 353 and PHYS 451; ELEC 371 and ELEC 423. To graduate, a student must have at least a 2.0 average in all upper division physics courses.

Physics Curriculum

(125 S.H.)

Freshman Year

Fall Semester

	S.H.	
CHEM 110	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
ENGL 110	College Writing	3
MATH 131	Calculus I.....	4
PHYS 190	Workshop in Physics	1
___ ___	University Core	3
		15

Spring Semester

	S.H.	
CHEM 112	General Chemistry II.....	3
CHEM 113	General Chemistry II Lab	1
MATH 132	Calculus II.....	4
PHYS 101	Intro to Mechanics	4
PHYS 103	Intro to Mechanics Lab.....	0
___ ___	University Core	3
		15

Sophomore Year

Fall Semester

	S.H.	
CMSI 185	Computer Programming.....	3
MATH 234	Calculus III.....	4
PHYS 201	Intro Elec & Mag.....	4
PHYS 203	Intro Elec & Mag Lab.....	0
___ ___	University Core	3
___ ___	University Core	3
		17

Spring Semester

	S.H.	
MATH 245	Differential Equations	3
PHYS 202	Intro to Thermo & Optics	4
PHYS 204	Intro to Therm & Optics Lab.....	0
PHYS 212	Intermediate Mechanics.....	3
___ ___	University Core	3
___ ___	University Core	3
		16

Junior Year

Fall Semester

	S.H.	
MATH 355	Methods of Applied Mathematics.....	3
PHYS 301	Electromagnetic Fields.....	3
PHYS 321	Quantum Physics I.....	3
___ ___	University Core	3
___ ___	University Core	3
		15

Spring Semester

	S.H.	
MATH ___	Major Requirements.....	3
PHYS 302	Electromagnetic Waves.....	3
PHYS 322	Quantum Physics II.....	3
___ ___	University Core	3
___ ___	Elective.....	3
___ ___	Elective.....	2
		17

Senior Year

Fall Semester

	S.H.	
PHYS 411	Modern Physics Lab I.....	2
PHYS 441	Modern Optics.....	3
PHYS 451	Thermo and Stat Mech	3
___ ___	University Core	3
___ ___	Elective.....	3
___ ___	Upper Division Elective.....	2
		16

Spring Semester

	S.H.	
PHYS 412	Modern Physics Lab II	2
PHYS 421	Solid State Physics.....	3
___ ___	University Core	3
___ ___	Upper Division Elective.....	3
___ ___	Upper Division Elective.....	3
		14

Engineering Physics Curriculum

(126 S.H.)

Freshman Year

<i>Fall Semester</i>		S.H.
CHEM 110	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
ENGL 110	College Writing	3
ENGR 100	Intro to Engineering.....	3
MATH 131	Calculus I.....	4
PHYS 190	Workshop in Physics	1
___ ___	University Core	3
		18
<i>Spring Semester</i>		S.H.
ENGR 140	Engr Graphics & Design	3
MATH 132	Calculus II.....	4
PHYS 101	Intro to Mechanics	4
PHYS 103	Intro to Mechanics Lab.....	0
___ ___	University Core	3
___ ___	University Core	3
		17

Sophomore Year

<i>Fall Semester</i>		S.H.
ENGR 200	Statics.....	3
ENGR 240	Algorithms & Applications	3
MATH 234	Calculus III.....	4
PHYS 201	Intro Elec & Mag.....	4
PHYS 203	Intro Elec & Mag Lab.....	0
___ ___	University Core	3
		17
<i>Spring Semester</i>		S.H.
ELEC 232	Circuits.....	3
MATH 245	Differential Equations	3
PHYS 202	Intro to Thermo & Optics	4
PHYS 204	Intro to Therm & Optics Lab.....	0
PHYS 212	Intermediate Mechanics.....	3
___ ___	University Core	3
		16

Junior Year

<i>Fall Semester</i>		S.H.
ELEC 353	Electronics I	3
MATH 355	Methods of Applied Mathematics.....	3
PHYS 301	Electromagnetic Fields.....	3
___ ___	Elective*	3
___ ___	University Core	3
		15
<i>Spring Semester</i>		S.H.
ELEC 281	Logic Design	3
ELEC 354	Electronics II	3
PHYS 302	Electromagnetic Waves.....	3
___ ___	Elective*	3
___ ___	University Core	3
		15

Senior Year

<i>Fall Semester</i>		S.H.
ELEC 301	Junior Lab I.....	3
PHYS 321	Quantum Physics I.....	3
PHYS 441	Modern Optics.....	3
___ ___	Elective*	2
___ ___	University Core	3
		14
<i>Spring Semester</i>		S.H.
PHYS 322	Quantum Physics II.....	3
PHYS 412	Modern Physics Lab II.....	2
PHYS 421	Solid State Physics.....	3
___ ___	Elective*	3
___ ___	University Core	3
		14

* A two-course sequence in a technical area is required. Some recommended sequences are:

- ELEC 302 Junior Lab II and ELEC 383 Introduction to Microprocessors
- MECH 353 Heat Transfer and PHYS 451 Thermodynamics and Statistical Mechanics
- ELEC 371 Linear Systems and ELEC 423 Communications I

PHYS 101
Introduction to Mechanics*4 Semester Hours*

Vectors, Newton's laws of motion, work and energy, impulse and momentum, rotation, angular momentum, static equilibrium, harmonic motion. May include a brief introduction to quantum mechanics.

Lecture, 3 hours.

Corequisites: MATH 131 and PHYS 103.

PHYS 103
Introduction to Mechanics Lab*0 Semester Hours*

Laboratory experiments pertaining to mechanics. Measurement, estimation, and uncertainty. Projectile motion, Newton's laws, friction, torque.

Laboratory, 2 hours.

Corequisite: PHYS 101.

PHYS 150
Fundamental Ideas of Physics*4 Semester Hours*

Discussions and experiments on selected topics such as motion, electricity and magnetism, heat, sound, and light.

Liberal Studies majors only.

Lecture, 3 hours; Laboratory, 1 hour.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

PHYS 151
Physical Science*4 Semester Hours*

An introduction to the physical sciences, including physics, chemistry, astronomy, and geology, with an emphasis on conceptual understanding.

Lecture, 3 hours; Laboratory, 2 hours.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

PHYS 190
Workshop in Physics*1 Semester Hour*

Problem-solving skills. Fields of study and recent advances in physics. Career opportunities in physics.

Lecture, 1 hour.

PHYS 198
Special Studies*1-4 Semester Hours*

PHYS 199
Independent Studies*1-4 Semester Hours*

PHYS 201
Introduction to Electricity and Magnetism*4 Semester Hours*

Electrostatics. Current, resistance, and D.C. circuits. Magnetism. Induced electromotive force. Electric and magnetic properties of matter. Maxwell's equations.

Lecture, 3 hours.

Prerequisites: PHYS 101 and 103.

Corequisites: MATH 132 and PHYS 203.

PHYS 202
Introduction to Thermodynamics and Optics*4 Semester Hours*

Elastic waves. The laws of thermodynamics, kinetic theory of gases. Electromagnetic waves. Geometrical and wave optics. Special Relativity.

Lecture, 3 hours.

Prerequisites: PHYS 101 and 103.

Corequisites: MATH 132 and PHYS 204.

PHYS 203
Introduction to Electricity and Magnetism Laboratory*0 Semester Hours*

Laboratory experiments pertaining to electricity and magnetism. Coulomb's Law, static electricity, electric field plotting, circuits, charge/mass ratio for electron.

Laboratory, 2 hours.

Corequisite: PHYS 201.

PHYS 204
Thermodynamics and Optics Laboratory*0 Semester Hours*

Laboratory experiments pertaining to thermodynamics and optics. Thermal expansion of solids, specific heat, mechanical equivalent of heat, ray tracing, spherical mirrors, thin lenses, optical model of the human eye, diffraction.

Laboratory, 2 hours.

Corequisite: PHYS 202.

PHYS 212**Intermediate Mechanics***3 Semester Hours*

Kinematics and dynamics of single and multiparticle systems. Rigid bodies. Accelerating coordinate systems. Continuous media. Small vibrations.

Lecture, 3 hours.

Prerequisites: PHYS 101 and 103.

Corequisite: MATH 245.

PHYS 253**General Physics I***5 Semester Hours*

Vectors. Kinematics. Newton's laws of motion, energy, momentum, rotational motion, and harmonic motion. Fluid mechanics. Heat and thermodynamics.

Lecture, 4 hours.

Corequisites: MATH 122 or 131 and PHYS 255.

PHYS 254**General Physics II***5 Semester Hours*

Electrostatics. Magnetism. Current, D.C. circuits. Electromagnetic waves. Geometrical and wave optics. Relativity. Nuclear physics.

Lecture, 4 hours.

Prerequisites: PHYS 253 and 255.

Corequisite: PHYS 256.

NOTE: The PHYS 253-256 series is suitable for biology and chemistry majors and others desiring a college-level experience in physics. This series is not acceptable for credit in the physics or engineering programs.

PHYS 255**General Physics I Laboratory***0 Semester Hours*

Laboratory experiments pertaining to mechanics,

thermodynamics, and fluid mechanics.

Laboratory, 2 hours.

Corequisite: PHYS 253.

PHYS 256**General Physics II Laboratory***0 Semester Hours*

Laboratory experiments pertaining to electricity, magnetism, and optics.

Laboratory, 2 hours.

Corequisite: PHYS 254.

PHYS 271**Astronomy***3 Semester Hours*

Understanding the universe. Topics include: history of astronomy, solar system, stars, galaxies, evolution of the universe.

Lecture, 3 hours.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

PHYS 272**Physics***3 Semester Hours*

An introduction to basic principles of physics. History of the development of physical theories, and the effects of science and technology on the world.

Lecture, 3 hours.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

PHYS 274**Weapons of Mass Destruction: Facts and Fiction***3 Semester Hours*

Scientific principles underlying weapons of mass destruction. Effects of nuclear and thermonuclear bombs, nerve agents, and biological pathogens.

Lecture, 3 hours.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

PHYS 278**Physics for Poets***3 Semester Hours*

Principles of physics with an emphasis on conceptual understanding. Physics as a human activity.

Lecture, 3 hours.

Prerequisite: MATH 101 or higher, or placement into MATH 106 or higher.

PHYS 298**Special Studies***1-4 Semester Hours*

PHYS 299**Independent Studies***1-4 Semester Hours*

PHYS 301**Electromagnetic Fields***3 Semester Hours*

Electric and magnetic fields. Dielectric materials. Poisson's equation. Boundary value problems. Field energy. Vector potential.

Lecture, 3 hours.

Prerequisites: PHYS 201 and 203.

Corequisite: MATH 355.

PHYS 302**Electromagnetic Waves***3 Semester Hours*

Faraday's law. Maxwell's equations. Plane waves in dielectrics and conductors. Sources of radiation, Lienard-Wiechert potentials. Special Relativity.

Lecture, 3 hours.

Prerequisite: PHYS 301.

PHYS 321**Quantum Physics I***3 Semester Hours*

Historical foundation for quantum theory. Schrodinger equation and solutions. Operators. Angular momentum. Hydrogen atom.

Lecture, 3 hours.

Prerequisites: PHYS 202 and 204.

Corequisite: MATH 355.

PHYS 322**Quantum Physics II***3 Semester Hours*

Perturbation theory. Electron spin. Multi-electron atoms and their spectra.

Lecture, 3 hours.

Prerequisite: PHYS 321.

PHYS 361**Astrophysics***3 Semester Hours*

Orbital mechanics, the solar system, electromagnetic radiation and matter, stellar properties, Milky Way Galaxy, cosmology.

Lecture, 3 hours.

Prerequisites: PHYS 101, 201, and 202; or PHYS 253 and 254 and MATH 123 or 132.

PHYS 371**Biophysics***3 Semester Hours*

Application of physical laws to biological structure and function: biomechanics, circulatory system, hearing and vision, radiation.

Lecture, 3 hours.

Prerequisite: PHYS 201 or 254.

PHYS 398**Special Studies***1-4 Semester Hours*

PHYS 399**Independent Studies***1-4 Semester Hours*

PHYS 411**Modern Physics Lab I***2 Semester Hours*

Project experiments in physical optics, optical spectroscopy, and experiments using digital imaging arrays. Theoretical interpretation and statistical analysis are emphasized.

Lecture, 1 hour; Laboratory, 3 hours.

Corequisite: PHYS 321.

PHYS 412**Modern Physics Lab II***2 Semester Hours*

Project experiments in various areas of modern physics, including measurement of electron charge, spin, Hall effect, Rutherford scattering, and T_c of a superconductor. Theoretical interpretation and statistical analysis are emphasized.

Lecture, 1 hour; Laboratory, 3 hours.

Prerequisites or concurrent enrollment: PHYS 322 and 441.

PHYS 421**Solid State Physics***3 Semester Hours*

Crystal structure, elastic properties of solids. Free electron Fermi gas. Energy band structure. Semiconductors, superconductivity.

Lecture, 3 hours.

Prerequisite: PHYS 321.

PHYS 441**Modern Optics***3 Semester Hours*

Review of electromagnetic theory. Applied geometrical optics. Fourier analysis, polarization, interference and diffraction, coherence theory, lasers, and holography.

Lecture, 3 hours; occasional laboratory work.

Prerequisite or concurrent enrollment: PHYS 302.

PHYS 451**Thermodynamics and Statistical Mechanics***3 Semester Hours*

Classical thermodynamics, applications to simple systems. Kinetic theory and the approach to equilibrium. Classical statistical mechanics. Quantum statistics.

Lecture, 3 hours.

Prerequisite: PHYS 322.

PHYS 461**Elementary Particles***3 Semester Hours*

Historical introduction. Symmetries and conservation laws. Feynman diagrams and rules. Quantum electrodynamics. The parton model. Quantum chromodynamics. Weak interactions and electroweak unification. Gauge theories and the Standard Model.

Lecture, 3 hours.

Prerequisite: PHYS 322.

PHYS 490**Physics Teaching***1-2 Semester Hours*

Guided teaching of introductory physics.

May be repeated for credit.

Requires consent of instructor.

PHYS 493**Physics/Engineering Physics Internship***1-3 Semester Hours*

Research/development work conducted in a local government or industrial laboratory. The project may be theoretical or experimental and is jointly supervised by on-site staff and LMU faculty.

PHYS 498**Special Studies***1-4 Semester Hours*

PHYS 499**Independent Studies***1-4 Semester Hours*

School of Education



School of Education

Administration

Dean: Shane P. Martin

Associate Dean: Elizabeth A. Stoddard

Faculty

Professors: Thomas Batsis, Paul De Sena, Victoria Graf, Brian Leung, Shane P. Martin, Mary McCullough, Candace A. Poindexter, Ernest Rose

Associate Professors: Marta P. Baltodano, Magaly Lavadenz, Edmundo F. Litton, Irene Oliver, Lucretia D. Peebles, Elizabeth A. Stoddard

Assistant Professors: Emily D. Arms, Michael P. Caruso, S.J., Martin T. Connell, S.J., Emily S. Fisher, Ignacio Higareda, Terese C. Jimenez, Yvette Lapayese, Francisco Ramos

Visiting Assistant Professors: Tim Braun, Franca Dell'Olio

Clinical Faculty: Patricia DelHagen, Angela Fajardo,

Lisa Kidder, Greg Knotts, Marianne Mitchell,

Judy Pollick

Professor in Residence: Jennie Spencer-Green

Mission Statement

In accordance with the Mission of Loyola Marymount University, the faculty, staff, and students of the School of Education understand and declare our purpose to be the encouragement of life-long learning and academic excellence, the education of the whole person, and the promotion of service and justice for all. We commit ourselves to serving public and private education by fostering excellence inspired by the Marymount and Jesuit traditions of Catholic education.

Goal Statement

The faculty, staff, and students of the School of Education strive to work collaboratively in a student-centered environment to be professionals who act to:

- *Promote social justice*
We recognize the existence of social inequity, marginalization, and the different faces of oppression, and we commit ourselves to work actively for the establishment of a just and equitable society. While it is important to understand critically the structures, practices, and discourses that cause and perpetuate injustice, we also aim to nurture transformative structures, practices, and discourses that actively promote greater equity. This commitment challenges us to think with a global perspective, to embrace the notion of a preferential option for the poor, and to act with a conviction of equity.
- *Promote cultural responsiveness*
We recognize diversity as a strength, and we commit ourselves personally and professionally to serve culturally and linguistically diverse populations. These populations include those who represent cultural diversity broadly defined, including race, ethnicity, socio-economic status, gender, religion, sexual orientation, ability, and age. Among other valuable theories and approaches, we utilize sociocultural and constructivist perspectives in teaching and learning. We value these and other perspectives that promote active participation in learning as well as meaningful and authentic instruction and assessment and emphasize students' cultural and linguistic background experiences.
- *Integrate theory and practice*
We strive to unite theory and practice in a reciprocal relationship that mutually informs each other. We are a community of reflective practitioners, guided by critical inquiry and social responsibility. We actively engage in educational research, including faculty/student collaboration. We affirm the use of technology in education as authentic, meaningful, and accessible to all learners.
- *Develop moral, intellectual, responsible, and caring leaders*
We are committed to the preparation of educators who will be leaders in the field and who reflect high standards of ethics and values. We seek to be, and to encourage others to be, women and men who have the intellectual skills to critically evaluate educational issues, have the moral conviction to respond as agents of change, and exhibit an ethic of care in the service of others.
- *Value and respect all individuals*
We believe in the worth of each individual. We affirm the inherent dignity and value of each person as a child of God. Therefore, we believe that all individuals have the potential to be successful learners with unique characteristics and experiences that bring positive value and meaning to the learning experience.

- *Collaborate and share leadership across communities*

We believe in the value of working collaboratively with the districts, schools, parents, and students of the communities we serve to successfully educate all learners. We recognize, support, and promote the gifts and talents of community members and encourage their participation in decision-making processes.

Department of Teacher Education

Chairperson: Magaly Lavadenz

Objectives

The Department of Teacher Education offers credential programs and minors in Education and is committed to preparing excellent teachers to educate the diverse population in California's K-12 public and private schools. As an NCATE-accredited program, we offer professional preparation in research-based exemplary practices that include the requisite knowledge, skills, and dispositions required to ensure equity and excellence in education.

I. CREDENTIAL PROGRAMS

Preliminary California Teaching Credentials in

- Elementary Education (SB 2042 Multiple Subjects)
- Secondary Education (SB 2042 Single Subject)
- Elementary or Secondary Education with a Bilingual Emphasis (Bilingual, Crosscultural, Language, and Academic Development (BCLAD), Spanish emphasis)
- Special Education (Education Specialist: Mild/Moderate Disabilities Level I and II)

Teaching credential requirements (listed within each program) are governed by the California Commission on Teacher Credentialing (CCTC) and are subject to change.

Students interested in pursuing credentials in Elementary Education, Secondary Education, Elementary Education with a Bilingual emphasis, Secondary Education with a Bilingual Emphasis, or Special Education, must attend an information session to begin the application process.

APPLICATION DEADLINES: Priority application deadlines are as follows:

July 15—Fall semester
November 15—Spring semester
March 15—Summer Session

Students applying for admission to the School of Education are highly encouraged to submit their applications for admission and all supporting documents by the priority deadlines outlined above. Qualified applicants meeting this deadline will be given priority consideration for program placement.

Statement of Professional Dispositions

The National Council for Accreditation of Teacher Education (NCATE) requires the LMU School of Education to assess the professional dispositions of education credential and degree candidates. According to NCATE, professional dispositions are "The values, commitments, and professional ethics that influence behavior toward students, families, colleagues, and communities and affect student learning, motivation, and development as the educator's own professional growth. Dispositions are guided by beliefs and attitudes related to values such as caring, fairness, honesty, responsibility, and social justice." Throughout a candidate's program, the faculty will assess the School of Education Unit and Program Professional Dispositions, and failure to meet professional expectations may result in a remediation process for the candidate. In extreme cases, failure to meet professional expectations could warrant dismissal from an education program. The School of Education holds four Unit Dispositions that shape the professional expectations for all candidates: "We strive to be, and to educate professionals to be, educators who: **Respect** and value all individuals and communities; **Educate** by integrating theory and practice; **Advocate** for access to a socially just education; and **Lead** in order to facilitate transformation."

Initial Application Process for Elementary, Secondary, BCLAD, and Special Education:

- Attend an information session to receive the following application materials:
 - School of Education application
 - Recommendation forms
 - Subject matter plan of action
 - Statement of Intent guidelines
 - Technology Self-Verification form
- A minimum GPA of 2.8 is required.
 - Students who do not meet this requirement must schedule an appointment with the Academic Program Director to be considered for admission.

Contact the School of Education Admissions Coordinator at (310) 338-7845 or soeinfo@lmu.edu for information session dates and times.

II. EDUCATION MINORS

Education minors are offered in Elementary Education, Secondary Education, Bilingual Education, and Special Education. Students pursuing a minor must complete 18 semester hours in Education coursework:

- Take the four pre-requisite courses (see programs for specific courses)
- Meet with the Academic Program Director to declare the minor and obtain permission for additional coursework

III. TECHNOLOGY REQUIREMENT

All education courses require the usage of LiveText. LiveText must be purchased prior to enrolling in any education course.

Elementary Education

Academic Program Director: Irene Oliver

The 2042 Multiple Subject Preliminary Credential program is designed for students who are seeking teaching positions in grades K-5 or any self-contained classrooms in grades 6-8. A student successfully completing this program is eligible to receive a minor in Elementary Education and to apply for a California Preliminary Multiple Subject Credential.

Requirements for Provisional Admission

All of the following requirements must be completed and submitted to the School of Education, UH 2100, prior to scheduling an interview with the Academic Program Director.

- Complete three of the four following pre-requisite courses and maintain a GPA of 2.8 or better

EDUC	400	Sociocultural Analysis of Education
EDUC	401	Educational Psychology for the Childhood and Adolescent Years
EDUC	414	Theories of Second Language Acquisition
EDUC	440	Introduction to the Culturally and Linguistically Diverse Student with Exceptional Needs

 - Prerequisite courses are only available to sophomores (30 semester hours earned) or higher. Interested first year students should contact the Academic Program Director
- Plan to complete the 4th pre-requisite prior to student teaching
- Teacher Education Application form
- Statement of Intent
- Candidate Information Sheet
- Submit one set of official transcripts from all colleges and universities attended other than LMU
- Four letters of recommendations: three out of the four must be submitted for an interview. One letter must be from your major advisor
- Verification of 20 hours of experience working with culturally and linguistically diverse youth groups, ages 4-13, or Plan of Action of Completion of 20 hours prior to student teaching
- California Basic Educational Skills Test (CBEST) original passing score report

- Subject Matter Plan of Action completion
 - Students must demonstrate mastery of the required subject matter by passing the Multiple Subject California Subject Matter Exam for Teachers (Multiple Subject CSET)
 - Results of the CSET are only valid for five years.
- Technology Requirement
- Interview with Academic Program Director
- Reading Instruction Competence Assessment (RICA)
 - Must be taken following completion of EDUC 409
 - Required to take, pass, and submit an original passing score report to the School of Education before the completion of student teaching
- Teaching Performance Assessment (TPA) 1 and 2 (fee based, 0 unit courses)

EDUC 461 (TPA 1)

EDUC 462 (TPA 2)

Requirements for Formal Admission

All of the following are required once you have been formally admitted to the School of Education and must be fulfilled prior to enrollment in student teaching

A "B" (3.0) grade point average must be maintained in all education coursework. A "D" (1.0) is not acceptable in any of the coursework in the sequence.

- Fingerprint Clearance – An original Certificate of Clearance must be received from the CCTC prior to enrolling in student teaching.
- TB test results – Valid within one year prior to student teaching.
- U.S. Constitution Requirement – Satisfied by one of the following:
 - Successfully completing one of the following LMU courses: HIST 161, HIST 162, POLS 130, or POLS 135; or
 - Passing an approved examination; or
 - Completing an approved course at another institution.
- Health Education requirement (verified on transcripts), satisfied by one of the following:
 - Completing EDUC 8000 (1 semester hour); or
 - Completing a 2042 approved health education course through another institution.
- Multiple Subject CSET original passing score report
- Complete the following methods courses (maintaining a GPA of 3.0 or better)

EDUC 409 Literacy in the Curriculum

EDUC 425 Methods in English Language Development and Specially Designed Academic Instruction in English

EDUC 434 Elementary Curriculum and Methods

Requirements for Student Teaching

Students must clear all incompletes prior to student teaching.

- Students must complete the fieldwork application (available from the Academic Program Director) and schedule an interview with the Assistant Academic Program Director
- Enroll in EDUC 410: Elementary Directed Teaching (9 semester hours)
- Enroll in EDUC 463: TPA 3
- Enroll in EDUC 464: TPA 4

Application Process for the Preliminary Multiple Subject Credential

- 1) Successful completion of all the requirements outlined above
- 2) Students must submit an official transcript with the Bachelor's degree posted to the Credential Office in the School of Education.
- 3) Complete the credential application through the School of Education to the Commission on Teacher Credentialing, State of California (additional fee required; see website for more information).

Review by the Teacher Admission and Advisory Committee (TAAC)

After the requirements for provisional admission, formal admission, outlined above have been completed, the candidate's file will be submitted to the TAAC for review. It is the student's responsibility to ensure that all items have been received. Students will be notified of the committee's decision in writing. All documents become the property of the University and will not be released to any person or institution.

2042 Professional Clear Multiple Subject Teaching Credential

A student has five years after obtaining the preliminary credential to complete the requirements for the professional clear credential. For more information contact the Academic Program Director.

Secondary Education

Academic Program Director: Katharine Clemmer

The 2042 Single Subject Preliminary Credential program is designed for students who are seeking teaching positions in grades 9-12, or in 6-8 school settings that require teachers to teach in departments. A student successfully completing this program will be eligible to receive a minor in Secondary Education as well as to apply for a California Preliminary Single Subject Credential.

The following Single Subject Preliminary Credentials are offered through the School of Education:

- Art
- Biology
- Chemistry
- Dance/Physical Education
- Earth Science
- English
- French
- Mathematics
- Physics
- Social Science
- Spanish

Requirements for Provisional Admission

All the following must be submitted to the School of Education, UH 2100, prior to scheduling an interview with the Academic Program Director.

- Complete three of the four following pre-requisite courses and maintain a GPA of 2.8 or better

EDUC 400	Sociocultural	Analysis	of	Education
EDUC 401	Educational Psychology for the	Childhood and Adolescent Years		
EDUC 414	Theories of Second Language	Acquisition		
EDUC 440	Introduction to the Culturally and	Linguistically Diverse Student with	Exceptional Needs	
- Prerequisite courses are only available to sophomores (30 semester hours earned) or higher
- Interested first year students should contact the Academic Program Director

Complete and submit:

- Plan to complete the 4th pre-requisite prior to student teaching
- Teacher Education Application form
- Statement of Intent

- Candidate Information Sheet
- Submit one set of official transcripts from all colleges and universities attended other than LMU
- Four letters of recommendations: three out of the four must be submitted for an interview. One letter must be from your major advisor
- Verification of 20 hours of experience working with culturally and linguistically diverse youth groups, ages 4-13, or Plan of Action of Completion of 20 hours prior to student teaching
- California Basic Educational Skills Test (CBEST) original passing score report
- Subject Matter Plan of Action completion
 - Students must demonstrate mastery of the required subject matter by passing the Single Subject California Subject Matter Exam for Teachers (Single Subject CSET)
 - Results of the CSET are only valid for five years.
- Technology Requirement
- Interview with Academic Program Director

Requirements for Formal Admission

All of the following is required once you have been formally admitted to the School of Education and must be fulfilled prior to enrolling in Student Teaching

A “B” (3.0) grade point average must be maintained in all education coursework. A “D” (1.0) is not acceptable in any of the coursework in the sequence.

- Fingerprint Clearance—An original Certificate of Clearance must be received from the CCTC prior to enrolling in student teaching.
- TB test results—Valid within one year prior to student teaching.
- U.S. Constitution Requirement – Satisfied by one of the following:
 - Successfully completing one of the following LMU courses: HIST 161, HIST 162, POLS 130, or POLS 135; or
 - Passing an approved examination; or
 - Completing an approved course at another institution.
- Health Education Requirement (verified on transcripts), satisfied by one of the following:
 - Completing EDUC 8000 (1 semester hour); or
 - Completing a 2042 approved health education course through another institution.
- Single Subject CSET in credential content area (original passing score report)

- Complete the following methods courses (maintain a GPA of 3.0 or better)
 - EDUC 428 Reading/Language Arts for Single Subject Teachers
 - EDUC 425 Methods in English Language Development and Specially Designed Academic Instruction in English

One of the following courses, depending on the credential content area:

- ART 450 Seminar in Art Education (Art Credential); or
- EDUC 484 General Methods Teaching Languages Other than English (French or Spanish Credential); or
- EDUC 485 Teaching Social Studies in the Secondary Schools (Social Science Credential); or
- EDUC 486 Trends in Teaching English in the Secondary Schools (English Credential); or
- EDUC 487 Trends in the Teaching of Secondary Science (Science Credential); or
- EDUC 488 Trends in the Teaching of Secondary Math (Math Credential)

- Teaching Performance Assessment (TPA) 1 and 2 (fee based, 0 unit courses)
 - EDUC 461 TPA 1
 - EDUC 462 TPA 2

Application Process for the Preliminary Single Subject Credential

- 1) Successful completion of all of the requirements outlined above
- 2) Students must submit an official transcript with the degree posted to the Credential Office in the School of Education.
- 3) Complete the Credential application through the School of Education to the Commission on Teacher Credentialing, State of California (additional fee required; see website for more information).

Review by the Teacher Admission and Advisory Committee (TAAC)

After the requirements for each section outlined above have been completed, the candidate's file will be submitted to the TAAC for review. It is the student's responsibility to ensure that all items have been received. Students will be notified of the committee's decision in writing. All documents become the property of the University and will not be released to any person or institution.

2042 Professional Clear Single Subject Teaching Credential

A student has five years after obtaining the preliminary credential in which to complete the requirements for the professional clear credential. For more information contact the Academic Program Director

Requirements for Student Teaching

Students must clear all incompletes prior to student teaching.

- Students must complete the fieldwork application (available from the Academic Program Director) and schedule an interview with the Assistant Academic Program Director
- Enroll in EDUC 412: Secondary Directed Teaching (9 semester hours)
- Enroll in EDUC 463: TPA 3
- Enroll in EDUC 464: TPA 4

Bilingual Education

Academic Program Director: Magaly Lavadenz

The Bilingual teaching credential (BCLAD Spanish) emphasis is designed for future teachers who want to conduct classroom instruction in both Spanish and English. The BCLAD component can be added to either a multiple (elementary) or single (secondary) subject teaching credential. Acceptance into the BCLAD teaching credential program is accomplished by completing and submitting the following items to the School of Education:

Requirements for Provisional Admission

- Minimum Language Requirement:
Satisfied by one of the following:
 - Official transcript showing completion of a Spanish major or minor; or
 - Passing an approved language examination (such as the one offered by LMU's Department of Modern Languages and Literatures); or
 - Transcript showing extensive schooling in a Spanish-speaking country, or appropriate Peace Corps experience in a Spanish-speaking country.

Requirements for Formal Admission

- Complete the following courses with a 3.0 or better:

EDUC 416	Methodology for Primary Language Instruction in a Bilingual Setting
EDUC 420	Chicano-Latino Cultures: An Interdisciplinary Perspective

Requirements for Student Teaching

- BCLAD TEST 6:
 - Must pass Test 6 (Spanish language) of the BCLAD exam prior to enrolling in student teaching. Candidates who are completing or have completed a degree with a Spanish major are exempt from this requirement.

In addition to the standard requirements for student teaching for the Multiple or Single Subject programs, BCLAD candidates will complete half the student teaching assignments in a bilingual or dual language setting. Lesson plans, instruction and feedback for this portion of the student teaching experience will be conducted in Spanish.

Special Education

Academic Program Director: Victoria Graf

The Special Education program allows students from a variety of academic backgrounds to pursue a minor in Special Education or the Education Specialist Credential: Mild/Moderate Disabilities. These programs include preparation in the education of culturally and linguistically diverse students with exceptional needs. The Education Specialist Credential: Mild/Moderate Disabilities authorizes candidates to teach students with specific learning disabilities, mental retardation, emotional disturbance, or other health impairments.

Requirements for Provisional Admission

All of the following requirements must be submitted to the School of Education Admission's Office, UH 2100, prior to scheduling an interview with the Academic Program Director.

- Complete three of the four following pre-requisite courses and maintain a GPA of 2.8 or better

EDUC 400	Sociocultural Analysis of Education
EDUC 414	Theories of Second Language Acquisition
EDUC 440	Introduction to the Culturally and Linguistically Diverse Student with Exceptional Needs
EDUC 444	Observation and Participation in General and Special Education Programs

 - Prerequisite courses are only available to sophomores (30 semester hours earned) or higher
 - Interested first year students need to contact the Academic Program Director
- Plan to complete the 4th pre-requisite prior to student teaching
- Teacher Education Application Form
- Statement of Intent
- Candidate Information Sheet
- One set of official transcripts from all colleges and universities attended other than LMU
- Four letters of recommendations: three out of the four must be submitted for an interview. One letter must be from your major advisor
- Verification of 20 hours of experience working with culturally and linguistically diverse youth groups, ages 4-22, or Plan of Action of Completion of 20 hours prior to student teaching
- California Basic Educational Skills Test (CBEST) original passing score report

- Subject Matter Plan of Action Completion
 - Elementary Emphasis: Students must demonstrate mastery of the required subject matter by passing the Multiple Subject California Subject Matter Exam for Teachers (Multiple Subject CSET)
 - Secondary Emphasis: Students must demonstrate mastery of the required subject matter (mathematics, language arts, or science) by passing the Single Subject California Subject Matter Exam for Teachers (Single Subject CSET in credential content area).
 - Results of the CSET are only valid for five years.
- Technology Requirement
- Interview with the Academic Program Director

Requirements for Formal Admission

All of the following are required once you have been formally admitted to the School of Education, and must be fulfilled prior to enrolling in Student Teaching.

A "B" (3.0) grade point average must be maintained in all education coursework. A "D" (1.0) is not acceptable in any of the coursework in the sequence.

- Fingerprint Clearance—An original Certificate of Clearance must be received from the CCTC prior to enrolling in student teaching.
- TB test results—Valid within one year prior to student teaching.
- U.S. Constitution Requirement—Satisfied by one of the following:
 - Taking one of the following LMU courses: HIST 161, HIST 162, POLS 130, or POLS 135; or
 - Passing an approved examination; or
 - Completing an approved course at another institution.
- CSET (Original passing score report)
- Elementary Emphasis: Complete the following professional coursework (maintaining a GPA of 3.0 or better)
 - EDUC 409 Literacy in the Curriculum (3 semester hours)
 - EDUC 427 Creating Effective Classrooms in Diverse Settings (2 semester hours)
 - EDUC 434 Elementary Curriculum and Teaching Methods (3 semester hours)
 - EDUC 436 Creating Collaborative Partnerships (2 semester hours)

EDUC 443 Informal Assessment and Individual Education Program (IEP) Development (3 semester hours)

EDUC 475 Teaching and Assessing Students with Mild/Moderate Disabilities (4 semester hours)

- Secondary Emphasis: Complete the following professional coursework (maintaining a GPA of 3.0 or better)

EDUC 427 Creating Effective Classrooms in Diverse Settings (2 semester hours)

EDUC 428 Reading/Language Arts for Single Subject Teachers

EDUC 436 Creating Collaborative Partnerships (2 semester hours)

EDUC 443 Informal Assessment and Individual Education Program (IEP) Development (3 semester hours)

EDUC 475 Teaching and Assessing Students with Mild/Moderate Disabilities (4 semester hours)

One of the following courses, depending on the credential content area emphasis:

EDUC 486 Trends in the Teaching English in the Secondary Schools (English/Social Studies emphasis); or

EDUC 487 Trends in the Teaching of Secondary Science (Science emphasis); or

EDUC 488 Trends in the Teaching of Secondary Math (Math emphasis)

Requirements for Student Teaching

Students must clear all incompletes prior to student teaching.

- Reading Instruction Competence Assessment (RICA)
 - Recommend taken following completion of EDUC 409 (Elementary Emphasis) or EDUC 428 (Secondary Emphasis)
 - Required to take, pass, and submit an original passing score report to the School of Education before the completion of student teaching
- Students must complete the fieldwork application (available from the Academic Program Director) and schedule an interview with the Assistant Academic Program Director
- Enroll in EDUC 456: Direct Teaching with Culturally/Linguistically Diverse Students with Mild/Moderate Disabilities (9 semester hours)

**Application Process for the Education Specialist Credential:
Mild/Moderate Disabilities**

- 1) Successful completion of all of the requirements outlined above.
- 2) Students must submit an official transcript with the degree posted to the Credential Office in the School of Education.
- 3) Complete the Credential application through the School of Education to the Commission on Teacher Credentialing, State of California (additional fee required; see website for more information).

Review by the Teacher Admission and Advisory Committee (TAAC)

After the requirements for each section outlined above have been completed, the candidate's file will be submitted to the TAAC for review. It is the student's responsibility to ensure that all items have been received. Students will be notified of the committee's decision in writing. All documents become the property of the University and will not be released to any person or institution.

**Professional Level II Education Specialist Credential:
Mild/Moderate Disabilities Credential**

Candidates who have completed the Preliminary Level I Mild/Moderate Specialist Credential Program and have a full-time special education teaching position working with students with students with mild/moderate disabilities must enroll in an approved program for Professional Level II Education Specialist Credential within 120 calendar days of service on the Preliminary Credential (See Graduate Bulletin for more details.)

**Department of Professional
Services**

Chairperson: Mary McCullough

The Department of Professional Services offers graduate programs in Administration, School Counseling, School Psychology, and Catholic School Administration. Please consult the Graduate Bulletin for more information on graduate programs.

Minor in Education

Students may declare a minor in Education so that their Education coursework is duly acknowledged in their official transcript. In order to maximize the full potential of taking Education courses within the undergraduate program, students are strongly encouraged to declare the Education minor early in their career. The Education minor is not applicable to Liberal Studies majors (multiple subject credential). **Completion of an Education minor does not equal completion of the requirements for a teaching credential.** Students may complete the Education minor without completing all the requirements for a teaching credential.

Students wishing to be admitted to the Minor in Education program must complete all the requirements for admission to the School of Education except for the subject matter competency and CBEST requirements.

Minor in Elementary Education

(18 Semester Hours)

For non-Liberal Studies majors only.

18 semester hours in Education from the following courses:

- 4 prerequisite Education courses: EDUC 400, 401, 414, and 440
- 2 courses from the following: EDUC 409, 425, 434

Minor in Secondary Education

(18 Semester Hours)

18 semester hours in Education from the following courses:

- 4 prerequisite Education courses: EDUC 400, 401, 414, and 440
- 2 courses from the following: EDUC 425, 434, 428, 484, 485, 486, 487, 488

Minor in Bilingual Education

(18 Semester Hours)

For non-Liberal Studies majors only.

18 semester hours in Education from the following courses:

- 4 prerequisite Education courses: EDUC 400, 401, 414, and 440
- 2 courses in Bilingual Education: EDUC 416 and 420

Minor in Special Education

(18 Semester Hours)

The recommended course sequence is as follows:

Sophomore Year: EDUC 400 and 440

Junior Year: EDUC 444 (2 semester hours) and an EDUC elective (3 semester hours) chosen with the approval of the coordinator

Senior Year: EDUC 427 (2 semester hours), 436 (2 semester hours), and capstone course (3 semester hours)

EDUC 400

Sociocultural Analysis of Education

3 Semester Hours

A study of the sociological and anthropological analysis of contemporary education with emphases on historical and cultural contexts, culturally sensitive pedagogy, cultural and ethnic diversity, social/cultural issues, equity, access to the core curriculum, and demographic trends in schools and society. Emphasis is placed on the preparation of professionals for the teaching profession and their awareness of social, psychological, and cultural forces shaping society today so that they are prepared to work with all learners. This course is designed for undergraduates in the traditional and/or blended teacher preparation program.

Prerequisite: Sophomore or higher.

EDUC 401

Educational Psychology for the Childhood and Adolescent Years

3 Semester Hours

A study of the learning environment, the evaluation of learning, and the teaching/learning process. An analysis of the physical, intellectual, emotional, cultural, and ethnic factors affecting development, learning, and behavior. This course is a prerequisite for acceptance into the Multiple and Single Subject Credential Program. Emphasis is placed on implications for teaching and learning in the primary, elementary, middle, and senior high schools. Fieldwork is required.

Prerequisite: Sophomore or higher.

EDUC 404**Science in the Elementary Curriculum***2 Semester Hours*

This course is designed to provide opportunities for prospective teachers to develop their understanding and ability to teach science to culturally diverse students in the elementary grades. Particular emphasis is placed on strategies which will accommodate linguistically diverse students. Laboratory type activities provide opportunities for the students to investigate a variety of methods related to teaching science using a conceptual approach. Investigations stress processes, attitudes, values, and technological relationships that are effective in multicultural and multilingual classrooms. Focus is on the interaction between the teacher, students, and the discipline of science, and how the student is actively involved in learning through a constructivist and experiential approach.

Lab fee required.

Prerequisite: Special approval required.

EDUC 405**Mathematics in the Elementary Curriculum***2 Semester Hours*

This course is designed to provide opportunities for prospective teachers to develop their understanding and ability to teach mathematics in the elementary grades. Particular emphasis is placed on laboratory type activities where students investigate a variety of methods related to teaching math using a conceptual approach and utilizing strategies which are successful with culturally and linguistically diverse learners. Focus is on the development of lessons and long-term plans to actively involve the learner in all of the math strands through experiential activities.

Lab fee required.

Prerequisite: Special approval required.

EDUC 406**Social Studies in the Elementary Curriculum***2 Semester Hours*

This course is designed to provide opportunities for prospective teachers to develop professional knowledge and competence for teaching social studies. This course deals with purpose, content, procedures, and organization of instruction in those curricular areas as prescribed in the California State adopted framework. The current trends and social issues affecting the teacher's selection of instructional approaches and the selection of instructional resources are explored. All state-mandated content areas, including culturally and linguistically diverse teaching techniques and methods for social studies, are included.

Prerequisite: Special approval required.

EDUC 409**Literacy in the Curriculum***3 Semester Hours*

This course is designed to provide opportunities for prospective teachers to develop their understanding and ability to teach reading/language arts to all students in the elementary grades. Particular emphasis will be placed on strategies which will accommodate culturally and linguistically diverse learners. Consideration is given to the procedures, skills development, organizations, systems of instruction, and instructional materials utilized in the development of an effective balanced and integrated approach to the teaching of reading/language arts instruction in the elementary school that supports literacy development. This course meets the requirements of section 44755 of the California Education Code. This course will be preparation for the RICA (Reading Instruction Competency Assessment) based on the following reading domains:

Domain I	Organizing Reading Instruction Based on Ongoing Assessment
Domain II	Phonological and other Linguistic Processes Related to Reading
Domain III	Developing Reading Comprehension and Promoting Independent Reading
Domain IV	Supporting Reading through Oral and Written Language

Prerequisite: Special approval required.

EDUC 410**Elementary Directed Teaching***9 Semester Hours*

Full-time supervised teaching in two culturally diverse public elementary schools; seminar sessions held throughout the semester, which include instruction in art, music, and physical education. Offered on a Credit/No Credit basis only.

Admission by special approval.

EDUC 412**Secondary Directed Teaching***9 Semester Hours*

Full-time supervised teaching in one culturally diverse public middle and/or high school; seminar sessions held throughout the semester support the student in successfully completing his or her student teaching.

Offered on a Credit/No Credit basis only.

Admission by special approval.

EDUC 414**Theories of Second Language Acquisition***3 Semester Hours*

Course content includes theoretical perspectives in first and second language learning, language teaching methodologies, assessment, identification, and program placement for Limited English Proficient students. The course provides an introduction to instructional strategies including English Language Development (ELD), Specially Designed Academic Instruction in English (SDAIE), and cooperative learning. Historical, political, legal, and social factors related to second language acquisition are addressed, including the history of bilingual education; federal, state, and local legislation; bilingual education models; and the role of parents and paraprofessionals in English language development. Fieldwork in a setting with English language learners is a required component of this class.

Prerequisite: Sophomore or higher.

EDUC 415**Politics of Education***3 Semester Hours*

An overview of the historical and contemporary organization of schools, including federal, state, and local education and language policies. The philosophical and decision-making structures within schools will be examined from various perspectives. Of particular emphasis will be the impact of these on linguistically and culturally diverse populations.

Prerequisite: EDUC 414.

EDUC 416**Methodology for Primary Language Instruction in a Bilingual Setting***3 Semester Hours*

Consideration is given to current trends and social issues affecting bilingual programs including program characteristics, instructional approaches, and selection and use of primary language materials. Specific emphasis is placed on literacy/biliteracy in the primary language, with an integrated approach to content area instruction. Fluency and literacy in Spanish is required.

Prerequisites: EDUC 415 and special approval required.

EDUC 420**Chicano-Latino Culture: An Interdisciplinary Perspective***3 Semester Hours*

The presentation of a cultural analysis of the diversity within Chicano/Latino groups. Historical, political, economic, and social issues will be addressed, including the expression of culture in areas such as language, literature, and religion.

Prerequisite: Special approval required.

EDUC 425**Methods in English Language Development and Specially Designed Academic Instruction in English***3 Semester Hours*

The goal of this course is to provide students with the opportunity to acquire knowledge, skills, and ability to deliver comprehensive instruction to English learners. Students will learn how to implement instructional programs that facilitate English language acquisition and development, including receptive and productive language skills, and that logically progress to the grade level reading/language arts program for English speakers. Students will acquire and demonstrate the ability to utilize assessment information to diagnose students' language abilities and to develop lessons that promote students' access and achievement in relation to state-adopted academic content standards. Fieldwork observation is included as part of the class requirement.

Prerequisite: Special approval required.

EDUC 427**Creating Effective Classrooms in Diverse Settings***2-3 Semester Hours*

This course is designed to prepare candidates to be able to demonstrate knowledge and skills in managing environments for diverse learners that are safe and effective and that facilitate positive self-esteem and self-advocacy. In addition, the candidate will be prepared to demonstrate knowledge of behavioral management strategies, varying communication styles that impact learning and laws, and regulations for promoting behavior that is positive and self-regulatory.

EDUC 428**Reading/Language Arts for Single Subject Teachers***3 Semester Hours*

This course is designed to provide opportunities for prospective teachers to develop understanding of the nature of the reading process in grades 7-12. Emphasis is placed on the role of subject-matter teachers in the overall school reading program. Provides training in a variety of instructional methodologies including strategies designed for culturally and linguistically diverse learners.

Prerequisite: Special approval required.

EDUC 434**Elementary Curriculum and Methods***3 Semester Hours*

Designed to provide opportunities for prospective teachers to develop professional knowledge and competence for teaching history/social science, mathematics, and science in kindergarten and grades 1 through 12, this course will deal with purpose, content, procedures and organization, and instruction in those curricular areas as prescribed by the California State adopted frameworks and academic content standards. This course focuses on instructional methods and classroom management for the elementary classroom. A fieldwork component will be required. Students should acquire skills in classroom discipline, creation of lesson plans, utilizing a variety of instructional and evaluation methods, and classroom teaching. Course shall include all state-mandated content areas including culturally and linguistically diverse teaching techniques/methods for history/social science, mathematics, and science.

Prerequisite: Special approval required.

EDUC 435**What Is School?***3 Semester Hours*

This course focuses on the governmental, political, financial, legal, and historical perspectives of education in the United States. Students are given opportunities to integrate course topics and relate policy initiatives to the welfare of all students in responsible and ethical ways. School governance and management of human and fiscal resources in culturally diverse settings are stressed.

EDUC 436**Creating Collaborative Partnerships***2-3 Semester Hours*

This course is designed to prepare candidates to be able to collaborate and communicate effectively with individuals with disabilities and their parents, other family members and primary care givers, school administrators, general and special education teachers, specialists, paraprofessionals, and community agency and related service personnel. The candidate will learn how to work in partnership to be able to design, implement, and evaluate integrated services that reflect transitional stages across life span for all learners.

EDUC 440**Introduction to the Culturally and Linguistically Diverse Student with Exceptional Needs***3 Semester Hours*

General survey of exceptionalities affecting normal child development. Causation, diagnosis, treatment, programs, and resources are included. Implications of recent legislation for the disabled will be emphasized.

EDUC 443**Informal Assessment and Individual Education Program (IEP) Development for Students with Exceptional Needs***3 Semester Hours*

A survey of strategies for assessing and teaching FEP and LEP students in all areas of exceptionality.

Prerequisite: EDUC 409.

EDUC 444**Observation and Participation in General and Special Education Programs***2-3 Semester Hours*

Direct contact experience observing and working with FEP and LEP students in all areas of exceptionality. A minimum of 100 clock hours must be spent with three exceptionalities.

Credit/No Credit.

EDUC 445**Special Education Advocacy and the Law***3 Semester Hours*

This course examines federal and California special education law with particular emphasis on the Individuals with Disabilities Education Improvement Act (IDEA 2004) and the Rehabilitation Act of 1973. The first half of the course will involve reading of material that will give a legal and practical background to the specifics of the law, its purpose, and how it is implemented by school districts. This background will serve as a foundation for the students to effectively advocate (with proper supervision) for their clients during the clinical portion of the class. The overall goal of the course is to give students insight into how to work with families and school personnel and how to ultimately avoid the pitfalls of non-compliance. The second half of the course will be a supervised clinical experience where students will handle a special education case. This will include: interviewing potential clients, analysis of facts, and advocacy at an IEP. Depending on the facts of the case, students may also file a state complaint and prepare a case for mediation and/or for due process hearing.

Prerequisite: EDUC 440.

EDUC 452**Psychological and Educational Assessment***3 Semester Hours*

Basic concepts of psychological testing, measurement, and evaluation applicable to the rationale, construction, evaluation, use, and interpretation of tests, rating scales, etc.; essential statistics. Practice required.

Prerequisite: Senior class standing.

EDUC 456**Directed Teaching with Culturally and Linguistically Diverse Students with Mild/Moderate Disabilities**

9 Semester Hours

Actual teaching experience with culturally and linguistically diverse students with mild/moderate disabilities. Must have completed prerequisite and professional coursework in Special Education and be approved by the Coordinator of Special Education the semester prior to enrolling.

Credit/No Credit.

Admission by special approval.

EDUC 461**Teaching Performance Assessment 1**

0 Semester Hours

Students enrolled in the course will complete Task 1 of the Teaching Performance Assessment.

Fee required.

Admission by special approval.

EDUC 462**Teaching Performance Assessment 2**

0 Semester Hours

Students enrolled in the course will complete Task 2 of the Teaching Performance Assessment.

Fee required.

Admission by special approval.

EDUC 463**Teaching Performance Assessment 3**

0 Semester Hours

Students enrolled in the course will complete Task 3 of the Teaching Performance Assessment.

Fee required.

Prerequisites: EDUC 461 and 462.

Concurrent enrollment with EDUC 410 or 412 required.

EDUC 464**Teaching Performance Assessment 4**

0 Semester Hours

Students enrolled in the course will complete Task 4 of the Teaching Performance Assessment.

Fee required.

Prerequisites: EDUC 461 and 462.

Concurrent enrollment with EDUC 410 or 412 required.

EDUC 475**Teaching and Assessing Students with Mild/Moderate Disabilities**

3-4 Semester Hours

Principles and techniques for diagnosing learning and behavioral strengths and weaknesses in children and youth with specific learning disability, mental retardation, other health impairments, or serious emotional disturbance. Additional emphasis is placed on effective techniques and methods in working with culturally and linguistically diverse youth. Development of teaching strategies, goals, and objectives suitable for direct intervention, implementation of individual instructional programs, and evaluation of program approaches and effectiveness.

EDUC 476**Policies and Issues in Education for Diverse Learners with Disabilities**

3 Semester Hours

Survey of current issues and trends in the psychology and education of students with learning handicaps, e.g., theoretical instructional systems, use of research findings in program implementation, counseling, career guidance, and program evaluation with emphasis on history and practices of bilingual education, including organizational models and instructional strategies.

EDUC 484**General Methods Teaching Languages Other Than English**

3 Semester Hours

This class will address the communicative approach to instruction in languages other than English. Major themes to include: proficiency-based instruction, the competency-based classroom/curriculum, critical issues in the reception and the production stages of second language acquisition, strategies to support and achieve these goals.

Prerequisite: Special approval required.

EDUC 485**Teaching Social Studies in the Secondary Schools***3 Semester Hours*

This methodology course provides prospective secondary social studies teachers the opportunity to develop lesson plans and assessments incorporating state and national standards and pedagogically sound teaching methods. Drawing on social studies concepts, case studies, and cross-cultural activities will practice basic analysis skills in history and social studies. Students will develop classroom activities enhancing critical thinking and study skills, as well as interrelating ideas within and across history/social science and other subject areas. Emphasis will be placed on designing instructional activities to engage all learners.

Prerequisite: Special approval required.

EDUC 486**Trends in Teaching English in the Secondary Schools***3 Semester Hours*

This course addresses the concerns and needs of future English teachers. Major areas covered include developing a multicultural curriculum for all students, creating lesson plans, examining meaning making strategies for reading, instructing the writing process, teaching grammar in context, looking at methods of authentic classroom assessment, and building classroom portfolios.

Prerequisite: Special approval required.

EDUC 487**Trends in the Teaching of Secondary Science***3 Semester Hours*

This course covers programs, guidelines, and practices in the individualization of instruction with emphasis on culturally and linguistically diverse student needs in relation to science and uses of technology; continuous progress curriculum in science; and uses of individualized science labs.

Prerequisite: Special approval required.

EDUC 488**Trends in the Teaching of Secondary Math***3 Semester Hours*

This course covers programs, guidelines, and practices in the individualization of instruction with emphasis on culturally and linguistically diverse student needs in relation to mathematics; uses of technology and continuous progress curriculum.

Prerequisite: Special approval required.

EDUC 489**Leadership Seminar I***1 Semester Hour*

This course is designed to develop student leaders' understanding of the basic concepts of personal and group leadership development. Participants will define an issue facing student leaders and identify a theoretical framework to address the issue. The class integrates readings, written reflection, in-class exercises, and a group project.

Prerequisites: Permission of instructor and concurrent leadership position in a student organization.

EDUC 490**Leadership Seminar II***1 Semester Hour*

This course develops student leaders' understanding of the basic concepts of personal and group leadership development. Participants will apply a theoretical framework to an issue facing student leaders, create an implementation plan, and develop an evaluation process. The class integrates readings, written reflection, in-class exercises, and a group project.

Prerequisites: Permission of instructor and concurrent leadership position in a student organization.

EDUC 491**Leadership Seminar III***1 Semester Hour*

A capstone leadership experience for advanced student leaders, this class combines readings, in-class activities, and experiential involvement as a peer educator with research and creation of a comprehensive leadership portfolio.

Prerequisites: Permission of instructor, successful completion of EDUC 489 or 490, and concurrent leadership position in a student organization.

EDUC 492**Behavior and Classroom Management Techniques for Teachers***3 Semester Hours*

Explores current, alternative approaches to classroom discipline, management, and organization. Focuses on how teacher behavior, the learning task, and the classroom environment affect student behavior.

EDUC 498**Special Studies***1-3 Semester Hours*

EDUC 499**Independent Studies***1-3 Semester Hours*

EDUC 8000

Health Education

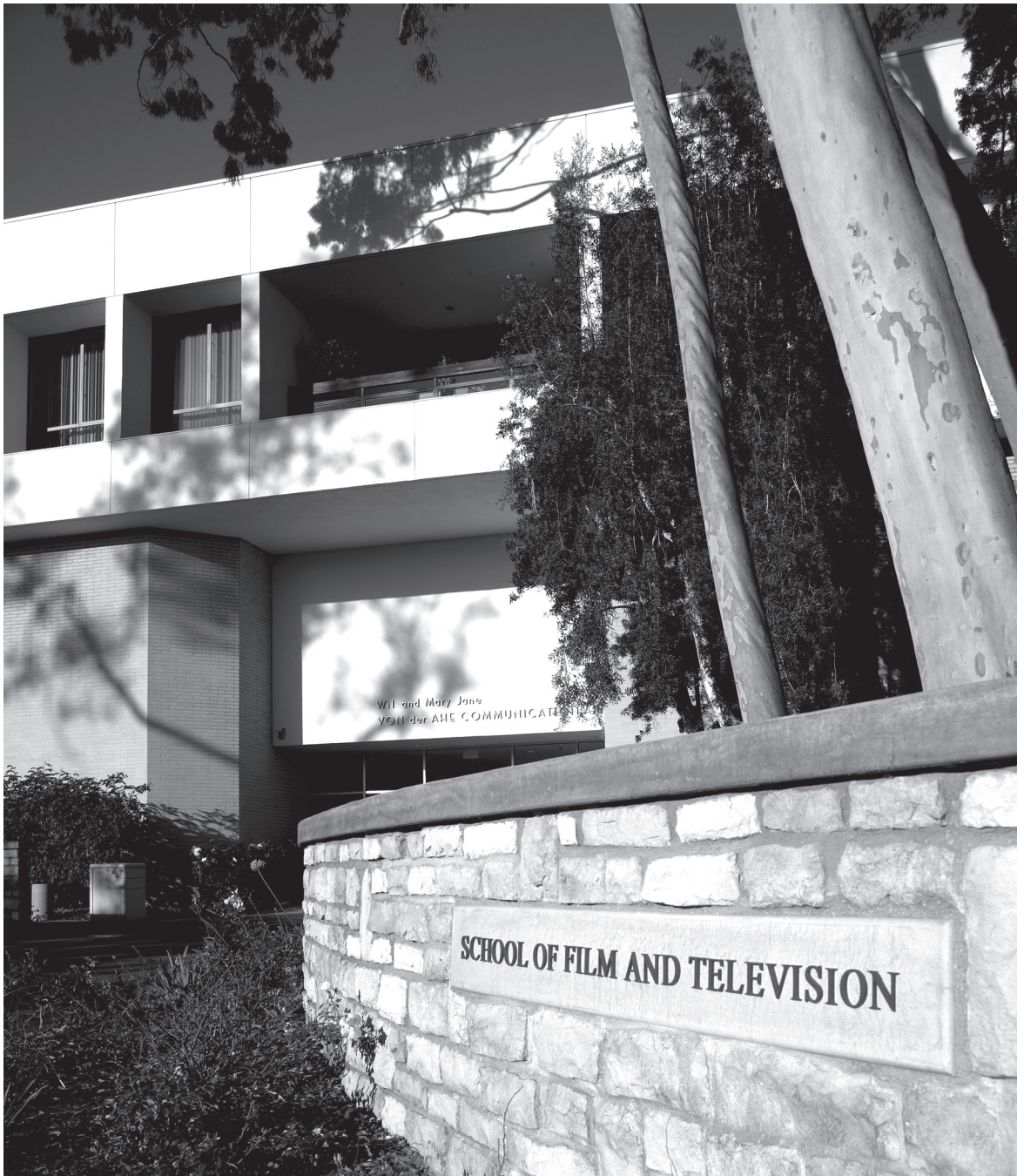
1 Extension Semester Hour

This course will introduce health concepts, skills, and behaviors important for today's students to make informed choices. Candidates will be able to gather, interpret, evaluate, and use health information and topics in their future activities as teachers. The course consists of four modules: 1) overview of the California health framework and consumer and community health resources; 2) personal health with a focus on nutrition and tobacco, drugs, and alcohol use; 3) health choices that impact communicable and chronic diseases; and 4) the role of environmental health with a focus on injury prevention and safety.

Fee required.

Credit/No Credit.

School of Film and Television



School of Film and Television

Administration

Dean: Teri Schwartz
Associate Dean: Roy Eric Xavier

Faculty

Professors: Marilyn Beker, Mladen Milicevic, Art Nomura,
John Stewart, Donald J. Zirpola
Associate Professors: Susan Torrey Barber, Rob Burchfield,
Patrick Connolly, S.J., Steve Duncan, Glenn Gebhard,
Richard Hadley, Howard Lavick, Rodger Pardee,
Susan Scheibler
Assistant Professors: Kathy Baur, Jeffrey Davis,
Jose Garcia-Moreno, Sylvia Morales, Luís Proença, S.J.,
Gregory Ruzzin, Mark Evan Schwartz, Beth Serlin,
Slobodan Sijan, Charles Swanson, Kennedy Wheatley

Objectives

All School of Film and Television courses, whether they be humanistic inquiries into the nature of the media or professionally-oriented exercises in writing and producing film and television, animation, or writing for film or television, are aimed at developing critical discernment and equipping the student with the technical, theoretical, and aesthetic means to communicate these insights effectively to an audience.

Major Requirements

Lower Division Requirements:

The School of Film and Television offers four majors: Animation, Production—Film and Television, Recording Arts, and Screenwriting.

The 12-26 semester hours (depending upon program) of requirement must be completed by all students, including transfer students, before upper division classes are attempted.

Upper Division Requirements:

The requirements are between 24-33 semester hours chosen from the 300-500 level School of Film and Television courses under the direction of the appropriate school program advisor. All majors must complete a senior thesis project accomplished through ANIM 495 and 496; PROD 400, 450, or 461; RECA 450; or SCWR 420.

Change of Program/Major

There is a formal application procedure for students who wish to be accepted into the School of Film and Television or who wish to transfer from one SFTV program to another. This procedure is explained in the SFTV Application Form available from the School.

Applications are due on the last working day of February for admission to the following Fall semester and on the last working day of September for admission to the following Spring semester.

Application of General University Requirements

The University requirements for admission, graduation, and all general rules and regulations of the University as set forth in this Bulletin are applicable to and binding upon all students enrolled in the School of Film and Television.

School Curriculum

The curriculum of the School of Film and Television incorporates required courses in general education, major sequences, and elective courses which complement and enhance the student's major field of concentration.

Core Curriculum for the Baccalaureate Degree in the School of Film and Television

American Cultures

3 Semester Hours

Course Selection

First- and second-year students choose from any lower division course listed or cross-listed as AMCS. Third- and fourth-year students choose from any upper division course listed or cross-listed as AMCS. A single course will generally not fulfill two core requirements. The only exception is a course that satisfies another core requirement which is also cross-listed as AMCS.

College Writing*3 Semester Hours*

Course Selection

ENGL 110 will fulfill the college writing requirement. ENGL 100 will not fulfill the college writing requirement but is required of certain students based on their performance in the essay written in all ENGL 110 sections during the first week of classes. A minimum grade of C (2.0) is required in ENGL 110. All students who receive a grade of C- or lower must retake ENGL 110 as soon as possible.

Choose: ENGL 110.

Communication or Critical Thinking*3 Semester Hours*

Course Selection

Communication: Choose from CMST 100, 110, 130, or 140.

OR

Critical Thinking: Choose from CMST 206, PHIL 220.

Communication Studies majors must choose CMST 100 or 206.

Critical and Creative Arts*6 Semester Hours*

Course Selection

This requirement is satisfied by taking one course from Critical Arts and one course from Creative Arts.

Critical Arts: Choose from ANIM 100; ARHS 200, 201, 202, 321, 340, 345; DANC 281, 381; MUSC 102, 104, 303, 365; THEA 240, 245, 331, 336, 341, 346, 347, 348, 349, 430.

Creative Arts: Choose from ANIM 120, ART 150, 151, 153, 278, 280, 350; DANC 163; ENGL 205, 311 (Prerequisite 201), 312 (Prerequisite 202); MUSC 105, 106, 107; SCWR 220; THEA 110, 400.

Students may not select courses which are requirements for their major.

History*6 Semester Hours*

Course Selection

This requirement is satisfied by taking one course from Western Civilization and one course from Contemporary Societies.

Western Civilization: Choose from HIST 100 or 101.

Contemporary Societies: Choose from HIST 152, 162, 172, 182, or 192.

Literature*3 Semester Hours*

Course Selection

Prerequisite: Successful completion of college writing requirement.

Choose from CLCV 200, 210, 220, 230; ENGL 130, 140, 150, 170; FNLT 180; THEA 240, 245, 331, 336, 341, 346, 347, 348, 349, or 430.

Mathematics, Science and Technology*6 Semester Hours*

Course Selection

All students take MATH 102 and 103 and one other course in Science and Engineering. The MATH 102 course is designed to allow students to attain a level of mathematical literacy which will enable them to deal with the types of mathematical questions that they will encounter on a regular basis after they graduate.

Prerequisite: Demonstration of proficiency in mathematics by success in MATH 102 or a grade of C or better in MATH 111, 112, 120, 122, 131, or 306. The Mathematics Placement Examination is required before taking any of these courses.

The course in science and engineering introduces the student to the methodology used in that field of science or engineering. These courses include laboratories and/or demonstrations providing the student with hands-on experience.

Courses ordinarily recommended to students majoring outside the Frank R. Seaver College of Science and Engineering are those numbered 260-279 in each department within the College. Courses in this series are specifically designed for the non-major.

Choose from BIOL 260, 261, 262, 263, 264, 265, 271, 272, 275, 276; CHEM 260, 261, 262, 263, 264; CMSI 261; ELEC 260, 265; MECH 260, 270, 275; NTLS 260, 270; PHYS 271, 272. All other lower division courses (at least 3 semester hours) in the Frank R. Seaver College of Science and Engineering also satisfy this requirement.

Only one mathematics course will be credited toward the Mathematics, Science and Technology component of the Core.

Philosophy

6 Semester Hours

Course Selection

Lower Division:

Choose PHIL 160. Transfer students who enter LMU with a minimum of sixty (60) accepted transfer hours are exempted from the lower division requirement.

Upper Division:

Choose one PHIL course from 320 through 330.

Social Sciences

6 Semester Hours

Student must select one of the following options:

1. Select two courses from ECON 100, 105, 110, 120; GEOG 100; POLS 135, 155; PSYC 100; SOCL 100 or 105. Courses must be from different departments.
 2. Select one course from: AFAM 115, APAM 117, CHST 116, or WNST 100; and one course from ECON 100, 105, 110, 120; GEOG 100; POLS 135, 155; PSYC 100; SOCL 100 or 105.
 3. Select two courses from the same department. The first is selected from ECON 100, 105, 110, 120; GEOG 100; POLS 135, 155; PSYC 100; SOCL 100 or 105. The second course in the same department is selected from upper division courses that the student is qualified to take.
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Theological Studies

6 Semester Hours

Course Selection

Lower Division:

Choose from the 100-level series of THST courses. Transfer students who enter LMU with a minimum of sixty (60) accepted transfer hours are exempted from the lower division requirement.

Upper Division:

Choose from the 300-level series of THST courses only.

European Satellite Program

This program is located in Dusseldorf, Germany, and focuses on film in the European context—the Avante Garde, independent film making, and other experimental media. This is designed as a semester program with Fall semester offerings focusing on Film and TVPD majors, and with the Spring semester focusing on Media Studies for all students. Taught by LMU faculty and European film and television experts in the Loyola Marymount University tradition, the courses are offered in the form of master workshops, providing students with an exclusive learning experience. The close interaction with faculty that is afforded by this format makes the program unique. Students receive 15 semester hours of credit by taking workshops and a German language and culture course.

The semester in Dusseldorf includes excursions and educational field trips to give students a deeper insight into film and TV production in Europe. Depending on the semester and opportunity, students will attend film festivals, visit production sites, go to film museums, and meet and talk with directors, producers, and others in the media field. A week excursion to Berlin and Prague, two centers of film production, will bring to life the theories learned in the classroom and will help to inform and stimulate students in their own artistic productions. Each student will produce a 10-15 minute video documentary. Staff and teaching assistants in film will assist with the technical and creative needs, if necessary.

Students with a minimum GPA of 2.8, who are in good standing at any university or college and, for the Fall semester, have completed the FILM and TVPD prerequisites, are invited to apply. The program cost is comparable to full-time residency at LMU and includes tuition, housing, breakfast and dinner, excursions, and public transportation within Dusseldorf. Applications are available through the Study Abroad Office in University Hall, Suite 1840.

Recommendations

Students are encouraged to enrich their program of study with selected electives from the following areas.

Business

Students are encouraged to take a course in the issues of business. Consult the Bulletin listings.

Computer Skills

Students are expected to become proficient in computer skills. Courses or workshops may be taken to help students develop existing skills.

Foreign Language

Students are encouraged to study foreign languages to the intermediate level. LMU offers Chinese, Filipino, French, German, Greek (Modern and Classical), Italian, Japanese, Latin, and Spanish on a regular basis.

International/Global Studies

Students are encouraged to select elective courses that deal with international and/or global issues. Consult the Bulletin listings.

Study Abroad

A semester of international study abroad is also recommended. Consult the Study Abroad office.

Total Program

121 semester hours are required for graduation with the following distribution:

- a) a maximum of 36 upper division semester hours in any one department will be accepted toward the 121 semester hours requirement; and
- b) at least 45 semester hours are required from upper division offerings.

Students should consult the Dean's Office for specific policies applicable to the School of Film and Television.

Animation

Major Requirements

Lower Division Requirements:

26 semester hours of lower division courses distributed as follows:

ANIM 100, 120 (completed with a grade of B [3.0] or better), 110, 220, 230 or 231, 260; ART 153, 154; and 2 semester hours of Drawing for Animation (ART 200, 201).

Starting in the Fall semester of the sophomore year, Animation majors are required to complete a minimum of 6 semester hours of drawing lab taken each semester until graduation for 1 semester hour (ART 200, 201, 300, 301, 400, 401).

Note: ART 153 and ART 154 are prerequisites for **all** Figure Drawing Workshops.

Required fine arts core courses:

Critical Arts: ARHS 200, 201, or 202

Creative Arts: ART 153

Upper Division Requirements:

25 semester hours from ANIM 310, 330 or 331, 340, 490, 495, 496, 4 semester hours of Drawing for Animation, and one upper division Animation elective.

Minor Requirements

18 semester hours divided into 9 semester hours of lower division work from:

ANIM 100, 210, and 220; and 9 semester hours of upper division Animation work under the direction of the program advisor.

Freshman Year

<i>Fall Semester</i>		S.H.
ANIM 100	History of Animation	3
ANIM 110	Intro. to Storyboard	3
ART 153	Drawing I	3
ENGL 110	College Writing	3
___	University Core	3
		15

<i>Spring Semester</i>		S.H.
ANIM 120	Beginning Animation	3
ART 154	Drawing II	3
MATH 102	Quantitative Skills	3
MATH 103	Quantitative Skills Lab	0
___	University Core	3
___	University Core	3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
ANIM 220	Intermediate Animation	3
ANIM 260	Digital Toolbox (replaces ART 260) ..	3
ART 200	Figure Drawing Workshop I	1
___	University Core	3
___	University Core	3
___	University Core	3
		16

<i>Spring Semester</i>		S.H.
or ANIM 230	Intro to 3D Comp. Anim. I	3
or ANIM 231	Intro to 2D Comp. Anim I	(3)
or ARHS 200	Art of the Western World I	3
or ARHS 201	Art of the Western World II	(3)
or ARHS 202	Twentieth Century Art	(3)
ART 201	Figure Drawing Workshop II	1
___	University Core	3
___	University Core	3
		16

Junior Year

<i>Fall Semester</i>		S.H.
ANIM 310	Advanced Storyboard	3
or ANIM 330	Inter 3D Computer Anim	3
or ANIM 331	Inter 2D Computer Anim	(3)
ART 300	Figure Drawing Workshop III	1
___	University Core	3
___	University Core	3
___	University Core	3
		16

<i>Spring Semester</i>		S.H.	Design: 2D, 3D, and multimedia.
ANIM	340	Interactive Animation	3
ART	301	Figure Drawing Workshop IV	1
—	—	University Core	3
—	—	University Core	3
—	—	Elective.....	3
—	—	Elective.....	1-3
		—	14-16

Senior Year

<i>Fall Semester</i>		S.H.	Editing: Recommended especially for those without any previous film background.
ANIM	495	Senior Thesis I/Pre-production	3
ART	400	Figure Drawing Workshop V	1
—	—	University Core	3
—	—	University Core	3
—	—	Elective.....	3
—	—	Elective.....	1-3
		—	14-16

<i>Spring Semester</i>		S.H.	Music: As a source and as a partner.
ANIM	490	Animation Internship	3
ANIM	496	Senior Thesis/Production.....	3
ART	401	Figure Drawing Workshop VI	1
—	—	Elective.....	3
—	—	Elective.....	3
—	—	Elective.....	1-3
		—	14-16

The proper sequence of these courses should be discussed with the student's advisor.

Suggested Additional Electives—Animation Program

Acting: Especially helpful for those interested in character animation, where the animator is the actor or actress.

Cinematography and Lighting: Useful for 3D computer animation/stop motion.

Computer Programming: Useful for interactive media and new technology.

Dance: Also useful for those interested in character animation. These classes will foster an additional understanding of movement, meter, and rhythm.

Directing

Drawing: Any drawing courses in addition to those required are recommended, especially for those interested in character animation. When appropriate (and pending approval of specific instructors), students are encouraged to attend additional sections of the life drawing labs. Other drawing courses may be taken at the Union school, ASIFA, and any number of other art academies in the Los Angeles area.

Editing: Recommended especially for those without any previous film background.

Music: As a source and as a partner.

Mythology, Literature: For understanding storytelling.

Painting: Also highly recommended for those persons who are interested in environmental animation, storyboarding, and background painting.

Perspective and Color Theory

Screenwriting: Useful for understanding the format of visual storytelling.

Sound Design: Useful for engineering, mixing, and using sound creatively.

ANIM 100 History of Animation 3 Semester Hours

Survey of historical developments, styles, techniques, theory, and criticism of animation as an art form. History and use of creative arts used in animation to form effective communication in film and video.

ANIM 110 Introduction to Storyboard 3 Semester Hours

Introduction to research and practice in creating and planning animated films and videos.

ANIM 120 Beginning Animation Workshop 3 Semester Hours

An introduction to animation process: organization and integration of various creative arts used in animation; possibilities in style, media, technique, and equipment.

ANIM 198 Special Studies 1-3 Semester Hours

ANIM 199
Independent Studies
1-3 Semester Hours

ANIM 220
Intermediate Animation Workshop
3 Semester Hours

Intermediate workshop in the art of traditional animated film production. Topics of study include digital sound production, motion and articulation strategies, camera and post-production techniques.

Prerequisite: ANIM 120.

ANIM 230
Introduction to Three-Dimensional Computer Animation
3 Semester Hours

Introduction to 3D digital film production. Topics of study include: modeling techniques, image processing and manipulation strategies, motion and articulation solutions, digital production techniques, texture, lighting and rendering methods, compression technology, and systems for computer-created animation.

Prerequisite: ANIM 220.

ANIM 231
Introduction to Two-Dimensional Computer Animation
3 Semester Hours

Introduction to 2D digital film production. Topics of study include: image processing and manipulation, motion and articulation strategies, digital production techniques, rendering, and compression techniques.

Prerequisite: ANIM 220.

ANIM 260
Digital Toolbox
3 Semester Hours

Introduction to principles and practices of digital imaging as applicable to film and video.

ANIM 298
Special Studies
1-3 Semester Hours

ANIM 299
Independent Studies
1-3 Semester Hours

ANIM 310
Advanced Writing for Animation
3 Semester Hours

Advanced research and practice in creating and planning animated film and video.

Prerequisite: ANIM 110.

ANIM 320
Mechanics of Animation
3 Semester Hours

Workshop in the art of animated film production.

Prerequisite: ANIM 220.

ANIM 330
Intermediate Three-Dimensional Computer Animation
3 Semester Hours

Further practical study in computer animation including: modeling; advanced articulation methods, techniques, and solutions; lighting; texture mapping; compositing; and rendering.

Prerequisite: ANIM 230.

ANIM 331
Intermediate Two-Dimensional Computer Animation
3 Semester Hours

2D digital film production. Topics of study include: image processing and manipulation, motion and articulation strategies, digital production techniques, rendering, and compression techniques.

Prerequisite: ANIM 231.

ANIM 340
Interactive Animation I
3 Semester Hours

Introduction to creative and technical aspects of interactive animation technology.

Prerequisites: ANIM 230 or 231.

ANIM 398
Special Studies
1-3 Semester Hours

ANIM 399
Independent Studies
1-3 Semester Hours

ANIM 420
Experimental Animation
3 Semester Hours

Workshop in the art of animated film production. Further development of student projects from ANIM 320.

Prerequisite: ANIM 320.

ANIM 440
Interactive Animation II
3 Semester Hours

Production and design using interactive animation technology.

Prerequisite: ANIM 340.

ANIM 490
Animation Internship
3 Semester Hours

Professional experience in animation. Animation internship. Portfolio and demo reel development. Vocational strategies.

Prerequisite: Senior standing.

ANIM 495
Senior Project in Animation/Pre-Production
3 Semester Hours

Practical experience in animation pre-production. This course centers on the animation thesis project. Development, direction, production of a sophisticated, well-produced film or project. Students are free to determine style, format, and genre of project.

The student must provide a professional copy of all senior thesis-level projects to the School of Film and Television in partial fulfillment of degree requirements.

ANIM 496
Senior Project in Animation/Production
3 Semester Hours

Continuation of practical experience in animation production. Completion of animation thesis project.

The student must provide a professional copy of all senior thesis-level projects to the School of Film and Television in partial fulfillment of degree requirements.

Prerequisite: ANIM 495.

ANIM 498
Special Studies
1-3 Semester Hours

ANIM 499
Independent Studies
1-3 Semester Hours

Production—Film and Television

Objectives

The School of Film and Television's major in Production—Film and Television is designed to enable students to express their ideas on the screen—whether that screen is in a theater, at home, or held in one's hand. Beyond the existing television and theatrical feature landscape, new forms of media empower a single person to be both a worldwide broadcaster and a very selective receiver. Digital technologies have created new ways of working that transcend the traditional distinctions between film and television. The SFTV Production—Film and Television major combines the best of both of these fields.

Students admitted to this rigorous major become quickly immersed in the art of storytelling for the screen. They encounter and study great works of world cinema, both past and present, and ponder the ramifications of the emerging media of the future. They receive expert hands-on training in writing the screenplay, directing actors, cinematography, sound recording and design, and editing. In the process, each student learns about the challenging relationship between art and technique, and how both serve each other. Students learn the practical aspects of mounting a production: budgeting, location scouting, casting, set design and construction, post-production, and the importance of safety in all aspects of what they do. Complete premier state-of-the-art equipment and technology are available 24/7—all in service of story. Through teamwork, students learn an appreciation for all of the artists who labor to serve the story, and the camaraderie that comes from working as part of a crew engaged in a large, collaborative creative enterprise.

Students also learn to find their individual voices and express their own points of view on projects driven by their own creative choices. Beginning with their work on a series of short and intermediate films, students forge the fundamental skills of visual storytelling. Each student's experience culminates with a senior project in which advanced students write, cast, direct, and edit their own thesis films.

These projects may be entirely from the imagination, or they may document the real world. These finished works are produced and owned by the students, and many are distributed and celebrated far beyond the confines of our campus, through the exciting world of festivals, theatrical, television, and other channels of local, national, and international exhibition.

Major Requirements

Lower Division Requirements:

22 semester hours of lower division courses distributed as follows: FTVS 100, 200, 210 or 212; PROD 180; PROD 200 and 250 (completed with a grade of B [3.0] or better); RECA 250; and SCWR 221.

Upper Division Requirements:

Satisfactory completion of PROD 300 or 350; PROD 365, 366, and 379; PROD 400, 450, or 461; PROD 420 or 426; PROD 441, 466, 467, 469, or 476; RECA 367; two cinema/TV history courses chosen from FTVS 313, 314, 315, 410, 411, 412, 413, 416, 417, 473, or 510; SCWR 326 or 400; FTVS 400 is highly recommended.

Freshman Year

<i>Fall Semester</i>		S.H.
	FTVS 100	Storytelling..... 1
	FTVS 210	Art of the Cinema..... 3
and	FTVS 211	Art of Cinema Lab..... 0
or	FTVS 212	Art of Television (3)
and	FTVS 213	Art of Television Lab..... 0
	FTVS 200	Survey of Mass Media 3
or	PROD 180	Pre-Production I..... (3)
	ENGL 110	College Writing 3
	— —	University Core 3
	— —	University Core 3
		—
		16
<i>Spring Semester</i>		S.H.
	FTVS 200	Survey of Mass Media 3
or	PROD 180	Pre-Production I..... (3)
	SCWR 220	Beginning Screenwriting 3
	MATH 102	Quantitative Skills 3
	MATH 103	Quantitative Skills Lab..... 0
	— —	University Core 3
	— —	University Core 3
		—
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
FTVS ___	Cinema/TV History	3
or	PROD 200	Production I
	PROD 250	Production II
	RECA 250	Sound Design
	___ ___	University Core
	___ ___	University Core

		15

<i>Spring Semester</i>		S.H.
FTVS ___	Cinema/TV History	3
or	PROD 200	Production I
	PROD 250	Production II
	___ ___	University Core
	___ ___	University Core
	___ ___	University Core

		15

Junior Year

<i>Fall Semester</i>		S.H.
PROD 365	Film and Digital Cinematography	3
PROD 366	Post-Production I	3
PROD 379	Fundamentals of Directing	3
or	SCWR 326	Writing the Documentary
	SCWR 400	Writing for Production I
	___ ___	University Core

		15

<i>Spring Semester</i>		S.H.
or	PROD 300	Production III (fiction)
	PROD 350	Production III (non-fiction)
	RECA 367	Production Sound
	___ ___	University Core
	___ ___	University Core
	___ ___	University Core

		15

Senior Year

<i>Fall Semester</i>		S.H.
or	PROD 420	Pre-Production for Production IV
	PROD 426	Documentary Pre-Production
	or	PROD 441
	or	PROD 466
	or	PROD 467
	or	PROD 469
	or	PROD 476
	PROD 490	Internship I
	___ ___	University Core
	___ ___	Elective

		15

<i>Spring Semester</i>		S.H.
and	FTVS 400	Professional Transition
	___ ___	Elective (UD)
	or	___ ___
	or	PROD 400
	or	PROD 450
	PROD 461	Directed Study in Production
	___ ___	Elective
	___ ___	Elective
	___ ___	Elective

		15

The proper sequence of these courses should be discussed with the student's advisor. Students at the 300 and 400 Production level have the choice of either fiction or non-fiction (300 or 350; 400 or 450). Since each Production class has its own SCWR prerequisite, students should discuss the sequencing of those courses with their advisors.

Acting, drawing, photography, computer graphics, additional film history, screenwriting, and business classes are among the suggested electives for Production—Film and Television majors.

Film and Television Studies

FTVS 100 **Storytelling**

1 Semester Hour

An exploration of the art of storytelling involving discussions of its history and art and experimentation with its various processes.

Majors only.

FTVS 200 **Survey of Mass Media**

3 Semester Hours

Structure, function, and effects of the mass media.

FTVS 210 **Art of the Cinema**

3 Semester Hours

An introduction to the elements of film language and aesthetics and an explanation as a powerful cultural artifact.

Selected screenings, readings, and lecture/discussions.

Lab fee.

FTVS 211 **Art of the Cinema Lab**

0 Semester Hours

Weekly film discussion sections.

FTVS 212 **Art of Television**

3 Semester Hours

An introduction to the aesthetic and cultural elements of television.

Selected screenings, readings, and lecture/discussions.

Lab fee.

FTVS 213 **Art of Television Lab**

0 Semester Hours

Weekly TV discussion sections.

FTVS 313 **History of American Film**

3 Semester Hours

A critical and historical survey of American film.

Screenings, lectures, and discussions.

Lab fee.

FTVS 314 **History of International Film**

3 Semester Hours

A critical and historical survey of international film.

Screenings, lectures, and discussions.

Lab fee.

FTVS 315 **History of the Documentary**

3 Semester Hours

A critical and historical survey of the documentary film.

Screenings, lectures, and discussions.

Lab fee.

FTVS 316 **Acting for Directors**

3 Semester Hours

Introduces the language of the actor, exploring actors' techniques and objectives to experience what actors do in creating a role.

FTVS 398 **Special Studies**

1-3 Semester Hours

FTVS 399 **Independent Studies**

1-3 Semester Hours

FTVS 400 **Professional Transition**

2 Semester Hours

Seminar in the real-world skills of networking in the industry, job-seeking, and professional presentation.

FTVS 410 **Motion Picture Analysis**

3 Semester Hours

Critical analysis of representative current movies joined, whenever possible, by class encounters with the filmmakers themselves.

Prerequisite: FTVS 210 or 212.

FTVS 411

Film Genres

3 Semester Hours

An in-depth study of one film genre (the western, the musical, film noir, etc.).

Screenings, lectures, and discussions.

Lab fee. May be repeated only when a different genre is studied.

FTVS 412

Film Authors

3 Semester Hours

An in-depth study of films of a specific film author (director, writer, etc.).

Screenings, lectures, and discussions.

Lab fee. May be repeated only when a different author is studied.

FTVS 413

National Film

3 Semester Hours

An in-depth study of the films of one nation.

Screenings, lectures, and discussions.

Lab fee. May be repeated only when a different nation is studied.

FTVS 416

Television Genres

3 Semester Hours

In-depth historical study of a television genre (situation comedy, police drama, news, etc.).

Screenings, lectures, and discussions.

Lab fee. May be repeated only when a different genre is studied.

FTVS 417

History of Broadcasting

3 Semester Hours

An introduction to the history, structure, and procedures of the broadcasting industry.

Lab fee.

FTVS 473

Women in Film

3 Semester Hours

Explore the ways that women are represented in historical and contemporary film in a variety of cultures. This course also examines the works of woman directors in an international context.

FTVS 498

Special Studies

1-3 Semester Hours

FTVS 499

Independent Studies

1-3 Semester Hours

FTVS 510

Theory and Analysis

3 Semester Hours

An examination of key theoretical issues and questions and an application of these through close analysis of media texts.

Lab fee.

FTVS 513

Seminar in American Film

3 Semester Hours

Advanced studies in American film.

Screenings, lectures, and discussions.

Lab Fee.

FTVS 514

Seminar in International Film

3 Semester Hours

Advanced studies in international film.

Screenings, lectures, and discussions.

Lab Fee.

FTVS 515

Seminar on the Documentary

3 Semester Hours

Advanced critical and analytical study of the evolution of documentary film/television.

Screenings, lectures, and discussions.

Lab fee.

FTVS 516

Working with Actors

3 Semester Hours

An introduction to the director and his role and relationship with acting and actors.

Prerequisite: FTVS 316.

FTVS 518

Analysis of Video Games

3 Semester Hours

An examination of the history, development, aesthetics, and power of video games, including their relationship to other media texts, including movies and television.

Screenings, lectures, and discussions.

Lab fee.

FTVS 598

Special Studies

1-3 Semester Hours

FTVS 599

Independent Studies

1-3 Semester Hours

Production

PROD 180

Pre-Production I

3 Semester Hours

A series of pre-production intensive and creative workshop modules focusing on speciality proficiencies. These will include: set, sound, lighting, and costume design; and professional storyboarding.

Majors only.

Lab fee.

PROD 200

Production I

3 Semester Hours

An introduction to the aesthetic and practical problems of communicating visually through motion pictures. Each student is required to produce several movies.

Lab fee.

Prerequisite: FTVS 210 or 212.

PROD 201

Introduction to Film Production Lab

0 Semester Hours

Training in the technical aspects of beginning film production: camera, sound, and lighting.

PROD 250

Production II

3 Semester Hours

An introduction to the aesthetic and practical problems of communications in the multi-camera television studio.

Lecture and Lab, 6 hours.

PROD 300

Production III (fiction)

3 Semester Hours

Practicum in the production of films from initial concept through post-production. Lectures on professional production procedures are linked to personal experience on an actual film project. Project maximum length, 10 minutes.

Prerequisites: PROD 200 or 250 completed with a grade of B (3.0) or better, 365, and 366; SCWR 400. Majors only.

PROD 350**Production III (non-fiction)***3 Semester Hours*

Planning, producing, and editing a documentary or experimental video production on actual locations.

Lecture and Lab, 4 hours.

Prerequisites: PROD 200 or 250 completed with a grade of B (3.0) or better, 365, and 366; SCWR 400. Majors only.

PROD 365**Cinematography***3 Semester Hours*

An introduction to 16mm motion picture cameras, film stocks, lighting, and grip equipment. Location and studio procedures for both sync and non-sync situations.

Lecture and Lab, 5 hours.

Prerequisites: PROD 200 or 250 completed with a grade of B (3.0) or better. Majors only.

PROD 366**Post-Production I***3 Semester Hours*

Post-production theory and practice as applied to film.

Note: A one-time substantial fee for editing supplies to be used in this and subsequent film production courses is required. An additional lab fee for this class is also required.

Prerequisites: PROD 200 or 250 completed with a grade of B (3.0) or better. Majors only.

PROD 368**Production Planning***3 Semester Hours*

Pre-production theory and practice as applied to film/television. Special emphasis on the latest production facilities and their use.

Prerequisites: PROD 200 or 250 completed with a grade of B (3.0) or better. Majors only.

PROD 379**Fundamentals of Directing***3 Semester Hours*

Survey of pre-production preparation for directors, including script analysis, casting, visualization, and working with actors.

Prerequisites: PROD 200 or 250 completed with a grade of B (3.0) or better. Majors only.

PROD 398**Special Studies***1-3 Semester Hours*

PROD 399**Independent Studies***1-3 Semester Hours*

PROD 400**Production IV (fiction)***3 Semester Hours*

Practical experience in motion picture production on a para-professional level including writing, directing, and editing a film. Sync sound project, maximum length 15 minutes.

Note: Insurance required for off-campus use of equipment. The student must provide a professional copy of all senior thesis-level projects to the School of Film and Television in partial fulfillment of degree requirements.

Lab fee.

Prerequisites: PROD 300 or 350, 420; RECA 367. Majors only.

PROD 420**Pre-Production for Production IV (fiction project)***3 Semester Hours*

Preparation of the shooting script, casting, scheduling, budgeting, art design, pre-visualization, and other preparation prior to principal photography.

Prerequisite: PROD 300 or 350.

PROD 426**Documentary Pre-Production (non-fiction project)***3 Semester Hours*

Writing the thesis (documentary) project and preparing the script for production.

Prerequisite: PROD 300 or 350.

PROD 441**Advanced TV Production***3 Semester Hours*

Practicum in production of student projects from initial concept through post-production with rotating crew assignments in multi-camera TV studio.

Lecture and Lab, 6 hours.

Prerequisites: PROD 300 or 350; RECA 367. Majors only.

PROD 450

Production IV (non-fiction)

3 Semester Hours

Practical experience in motion picture production on a para-professional level including writing, directing, and editing a documentary or experimental piece. Project maximum length 15 minutes.

Note: Insurance required for off-campus use of equipment. The student must provide a professional copy of all senior thesis-level projects to the School of Film and Television in partial fulfillment of degree requirements.

Lab fee.

Prerequisites: PROD 300 or 350, 426; RECA 367. Majors only.

PROD 461

Directed Study in Film Production

3 Semester Hours

This class will fulfill your thesis requirement in lieu of PROD 400 or 450. The course is an intensive investigation in one or more areas of production based upon a mentorship, interviews, practical experience, and a final research paper and presentation. It is an alternative form for the student to gain in-depth knowledge of the professional practices within the entertainment industry.

The student must provide a professional copy of all senior thesis-level projects to the School of Film and Television in partial fulfillment of degree requirements.

Prerequisites: PROD 300 or 350; RECA 367. Majors only.

PROD 466

Advanced Editing

3 Semester Hours

Further studies in aesthetics and the techniques of editing for film and/or TV.

Lab fee.

Prerequisites: PROD 300 or 350, 365, 366, 379; RECA 367. Majors only.

PROD 467

Post-Production Sound

3 Semester Hours

Advanced sound theory with actual experience in sound re-recording for both film and television.

Prerequisite: RECA 367.

PROD 469

Advanced Cinematography

3 Semester Hours

Further studies in the techniques of camera and lighting for film and video.

Lab fee.

Prerequisites: PROD 300 or 350, 365, 366, 379. Majors only.

PROD 476

Post-Production Effects

3 Semester Hours

This course addresses the process of communication through typographic animation and visual effects. Emphasis is placed on creating emotional expression and identity through composites of video, text, and special effects.

Prerequisite: PROD 300 or 350.

PROD 490

Internship I

3 Semester Hours

Internship with one of several Los Angeles media companies currently accepting LMU students. Practical experience working at a professional level for a network, film studio, advertising agency, radio station, etc.

May be repeated once.

Majors only.

PROD 491

Internship II

3 Semester Hours

Further directed experience with a professional company in a media field.

PROD 495

Advanced Studies

1-3 Semester Hours

Pre-professional individualized study within the School of Film and Television.

May be repeated for degree credit three times.

Permission of instructor required.

PROD 498

Special Studies

1-3 Semester Hours

PROD 499
Independent Studies
1-3 Semester Hours

PROD 598
Special Studies
1-3 Semester Hours

PROD 599
Independent Studies
1-3 Semester Hours

Recording Arts

Lower Division Requirements:

15 semester hours of lower division courses distributed as follows: FTVS 200; FTVS 210 or 212; MUSC 104; PROD 200; and RECA 250 (completed with a grade of B [3.0] or better).

Upper Division Requirements:

Satisfactory completion of RECA 350, 352, 353, 355, 356, 357, 450, 457, and 467; and at least one cinema history course chosen from FTVS 313, 314, 315, 411, 412, 413, 473, or 510.

Freshman Year

<i>Fall Semester</i>		S.H.
and	FTVS 210	Art of the Cinema..... 3
or	FTVS 211	Art of Cinema Lab..... 0
and	FTVS 212	Art of Television (3)
	FTVS 213	Art of Television Lab..... 0
	ENGL 110	College Writing 3
	___ ___	University Core 3
	___ ___	University Core 3
	___ ___	University Core 3
		15

<i>Spring Semester</i>		S.H.
	FTVS 200	Survey of Mass Media 3
	MUSC 104	Fundamentals of Music..... 3
	MATH 102	Quantitative Skills 3
	MATH 103	Quantitative Skills Lab..... 0
	___ ___	University Core 3
	___ ___	University Core 3
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
	FTVS ___	Cinema/TV History 3
	RECA 250	Sound Design 3
	___ ___	University Core 3
	___ ___	University Core 3
	___ ___	University Core 3
		15

<i>Spring Semester</i>		S.H.
	PROD 200	Intro Film Production..... 3
	RECA 357	Digital Sound Editing..... 3
	___ ___	University Core 3
	___ ___	University Core 3
	___ ___	Elective..... 3
		15

Junior Year

<i>Fall Semester</i>		S.H.
	RECA 350	Recording Technology..... 3
	RECA 352	The Nature of Sound 3
	RECA 353	Production Sound Techniques..... 3
	___ ___	University Core 3
	___ ___	Elective..... 3
		15

<i>Spring Semester</i>		S.H.
	RECA 355	Live Studio Recording..... 3
	RECA 467	Post-Production Sound 3
	___ ___	University Core 3
	___ ___	Elective..... 3
	___ ___	Elective..... 3
		15

Senior Year

<i>Fall Semester</i>		S.H.
	RECA 356	Multi-Track Studio Record 3
	___ ___	University Core 3
	___ ___	Elective..... 3
	___ ___	Elective..... 3
	___ ___	Elective..... 3
		15

<i>Spring Semester</i>		S.H.
RECA 450	Senior Music Project.....	3
RECA 457	Advanced Audio.....	3
___	Elective.....	3
___	Elective.....	3
___	Elective.....	3
		15

The proper sequence of these courses should be discussed with the student's advisor.

RECA 250 **Sound Design**

3 Semester Hours

An introduction to the aesthetic, pragmatic, and technical issues of motion picture sound recording, editing, and mixing.

School of Film and Television majors only.

Prerequisites: FTVS 200 and 210.

RECA 298 **Special Studies**

1-3 Semester Hours

RECA 299 **Independent Studies**

1-3 Semester Hours

RECA 350 **Recording Technology**

3 Semester Hours

The electronic theories of sound recording and reproduction.

Prerequisites: RECA 250 and concurrent enrollment in RECA 352 and 353.

RECA students only.

RECA 352 **The Nature of Sound**

3 Semester Hours

The behavior of sound in various environments and techniques of modifying sound.

Prerequisites: RECA 250 and concurrent enrollment in RECA 350 and 353.

RECA students only.

RECA 353 **Production Sound Techniques**

3 Semester Hours

Production sound theory and practice, with actual experience in recording, producing sound, and introduction to initial post-production procedures for film and TV.

Prerequisites: Concurrent enrollment in RECA 350 and 352.

RECA students only.

RECA 355 **Live Studio Recording**

3 Semester Hours

The theory and practice of recording small ensemble groups in the studio, capturing the immediacy of a "live" performance with no overdubs.

Lecture and Lab, 6 hours.

Prerequisites: RECA 350, 352, and 353.

RECA students only.

RECA 356 **Multi-Track Studio Recording**

3 Semester Hours

Music production and sound engineering using multi-track studio recording techniques.

Lecture and Lab, 6 hours.

Prerequisites: RECA 350, 352, 353, and 355.

RECA students only.

RECA 357 **Digital Sound Editing**

3 Semester Hours

Introduction to sound effects and dialog editing using random access digital sound and picture.

Prerequisites: RECA 350, 352, and 353.

RECA students only.

RECA 367 **Production Sound**

3 Semester Hours

Production sound theory and practice, with actual experience in recording, producing sound, and introduction to initial post-production procedures for film and TV.

Prerequisites: PROD 200 completed with a grade of B (3.0) or better.

PROD students only.

RECA 398**Special Studies**

1-3 Semester Hours

RECA 399**Independent Studies**

1-3 Semester Hours

RECA 450**Senior Music Project**

3 Semester Hours

Supervised project in multi-track recording and production of music.

The student must provide a professional copy of all senior thesis-level projects to the School of Film and Television in partial fulfillment of degree requirements.

Prerequisites: RECA 350, 352, 353, 355, 356, 357, and 467.

RECA students only.

RECA 457**Advanced Audio**

3 Semester Hours

Supervised and advanced projects in audio applications.

Prerequisites: RECA 350, 352, 353, 355, 356, 357, and 467.

RECA students only.

RECA 467**Post-Production Sound**

3 Semester Hours

Advanced applications in film and television sound post-production: ADR, Foley, dialog and sound effects editing, and mixing.

Prerequisites: RECA 350, 352, 355, 357, and 367.

RECA students only.

RECA 493**Contemporary Issues: Recording Arts**

3 Semester Hours

Further studies in sound recording theory and practice.

Prerequisite: RECA 356.

RECA 498**Special Studies**

1-3 Semester Hours

RECA 499**Independent Studies**

1-3 Semester Hours

RECA 598**Special Studies**

1-3 Semester Hours

RECA 599**Independent Studies**

1-3 Semester Hours

Screenwriting

Lower Division Requirements:

13 semester hours of lower division courses distributed as follows: FTVS 100 and 200, FTVS 210 or 212; SCWR 220 (completed with a grade of B [3.0] or better).

Upper Division Requirements:

Satisfactory completion of SCWR 320, 321, 325 or 426, 329, 420, 428; and two cinema/TV history courses from FTVS 313, 314, 315, 411, 412, 413, 416, 417, 473, or 510. In consultation with the advisor, it is also recommended that the student take courses outside the major in writing, literature, and drama courses from English, Classics, and Theatre department offerings.

Minor in Screenwriting for English Majors

The School of Film and Television offers a minor as an option to students majoring in the writing emphasis in the English Department. The minor consists of 18 semester hours.

Required Courses:

- FTVS 210 Art of the Cinema
- SCWR 220 Beginning Screenwriting
- SCWR 320 Intermediate Screenwriting
- SCWR 321 Completing or Rewriting the Feature

Upon completion of the required courses, students will choose two from the following:

- SCWR 325 Writing the TV Situation Comedy
- SCWR 326 Writing the Documentary
- SCWR 426 Writing for Television
- SCWR 428 Adaptation: One Medium to Another

Freshman Year

<i>Fall Semester</i>		S.H.
FTVS 100	Storytelling.....	1
FTVS 210	Art of Cinema	3
FTVS 211	Art of Cinema Lab.....	0
FTVS 212	Art of Television	(3)
FTVS 213	Art of Television Lab.....	0
ENGL 110	College Writing	3
___	University Core	3
___	University Core	3
___	University Core	3
		<hr/>
		16

and
or
and

<i>Spring Semester</i>		S.H.
SCWR 220	Beginning Screenwriting	3
MATH 102	Quantitative Skills	3
MATH 103	Quantitative Skills Lab.....	0
___	University Core	3
___	University Core	3
___	University Core	3
		<hr/>
		15

Sophomore Year

<i>Fall Semester</i>		S.H.
PROD 200	Production I	3
___	University Core	3
___	University Core	3
___	University Core	3
___	Elective.....	3
		<hr/>
		15

<i>Spring Semester</i>		S.H.
FTVS 200	Survey of Mass Media	3
___	University Core	3
___	University Core	3
___	University Core	3
___	Elective.....	3
		<hr/>
		15

Junior Year

<i>Fall Semester</i>		S.H.
FTVS ___	Cinema/TV History	3
SCWR 320	Intermediate Screenwriting.....	3
SCWR 329	Directing for Screenwriters	3
___	University Core	3
___	Elective.....	3
		<hr/>
		15

<i>Spring Semester</i>		S.H.
SCWR 321	Compltnng or Rewrtng the Feature.....	3
SCWR 428	Adaptation: One Med to Another.....	3
___	University Core	3
___	Elective.....	3
___	Elective.....	3
		15

Senior Year

<i>Fall Semester</i>		S.H.
FTVS ___	Cinema/TV History	3
SCWR 420	Advanced Writing Project	3
___	Elective.....	3
___	Elective.....	3
___	Elective.....	3
		15

<i>Spring Semester</i>		S.H.
or SCWR 325	Writing the TV Situation Comedy	3
SCWR 426	Writing One-Hour Episodic TV	(3)
___	Elective.....	3
___	Elective.....	3
___	Elective.....	3
___	Elective.....	3
		15

The proper sequence of these courses should be discussed with the student's advisor.

SCWR 220 Beginning Screenwriting

3 Semester Hours

Practicum in the basics of screenwriting; idea, outline, plot, characterization, etc. Analysis of scripts.

Lab fee.

SCWR 298 Special Studies

1-3 Semester Hours

SCWR 299 Independent Studies

1-3 Semester Hours

SCWR 320 Intermediate Screenwriting

3 Semester Hours

Practical experience in writing feature film scripts with individualized analysis of plot, character development, and structure.

Prerequisite: SCWR 220.

Majors/minors only. Lab fee.

SCWR 321 Completing or Rewriting the Feature

3 Semester Hours

Practical experience in completing or rewriting a feature-length screenplay.

Prerequisite: SCWR 320.

Majors/minors only.

May be repeated once.

SCWR 325 Writing the TV Situation Comedy

3 Semester Hours

Practical experience in writing in various comic forms with emphasis on television situation comedy.

Prerequisite: SCWR 220.

Majors/minors only.

SCWR 326 Writing the Documentary

3 Semester Hours

This course surveys the theory and practice of writing for the documentary and other forms of non-fiction media in television and film.

Prerequisite: SCWR 220.

Majors/minors only.

SCWR 329 Directing for Screenwriters

3 Semester Hours

An in-depth workshop/lecture demonstration on production and post-production processes and aesthetics of film and video.

May require a lab fee.

Prerequisites: PROD 200 and SCWR 220.

Majors/minors only.

SCWR 398
Special Studies

1-3 Semester Hours

SCWR 399
Independent Studies

1-3 Semester Hours

SCWR 400
Writing for Production I

3 Semester Hours

Elements of screenwriting as applied to short films intended for production.

SCWR 420
Senior Writing Project

3 Semester Hours

Specially directed projects in writing for film, television, or other media from initial concept through finished form.

The student must provide a professional copy of all senior thesis-level projects to the School of Film and Television in partial fulfillment of degree requirements.

Prerequisites: SCWR 320 and 321.

Lab Fee.

SCWR 426
Writing One-Hour Episodic TV

3 Semester Hours

Practical experience in writing one-hour episodic television drama.

Prerequisites: SCWR 220 and 320; School of Film and Television majors only.

SCWR 428
Adaptation: One Medium to Another

3 Semester Hours

Practical experience in translating books (novels and/or non-fiction) into film scripts.

Prerequisite: SCWR 320.

SCWR 498
Special Studies

1-3 Semester Hours

SCWR 499
Independent Studies

1-3 Semester Hours

Department of Aerospace Studies



Aerospace Studies

All University Colleges and Schools

Faculty

Mark Fish, John Holt, Frances Lominack, Charles Washuk

General Military Course

The first two years of Aerospace Studies (AERO 100, 200) are designated the General Military Course (GMC) for students enrolled in Air Force Reserve Officer Training Corps (AFROTC). There are no prerequisites for these courses, and all University students may participate. These courses focus on developing individual communication skills, understanding the environment of the Air Force officer, and comprehending the historical development of the United States Air Force in the national security structure. AERO 100 and 200 may be taken concurrently to allow late entry into the program by sophomores or second-semester freshmen.

Professional Officer Course

The last two years of AFROTC (AERO 300, 400) are designated the Professional Officer Course (POC) for students enrolled in AFROTC. They are designed to prepare cadets for duty as officers in the United States Air Force and provide students with a working knowledge of advanced leadership and management theories and applications, as well as an understanding of the United States national security processes. The POC includes academics, interaction with military and national security professionals, and the practice of leadership and management in a large group environment. Students not currently enrolled in AFROTC who desire to enroll as a cadet in the POC should contact the Department early in their sophomore year. This does not preclude normal enrollment in the class by students who are not cadets.

Special Notes

Aerospace Studies courses may or may not count toward graduation, depending upon the student's major. Students should consult their Dean and Department Chairperson for allowable courses. Leadership laboratories are mandatory for members of the cadet corps but optional for students taking the academic courses as electives.

Scholarship cadets incur a military obligation upon entry into their sophomore year on the start date of AERO 200.

Non-scholarship cadets do not incur a military obligation until as late as the end of the first semester of the Professional Officer Course (AERO 300).

Air Force Reserve Officer Training Corps Program

The AFROTC program at Loyola Marymount University is conducted by active duty Air Force Officers assigned to the Department of Aerospace Studies. The program is designed to prepare qualified men and women for careers as commissioned officers in the United States Air Force. Textbooks, uniforms, and all other equipment used in this program are furnished by the Air Force at no expense to the student.

Air Force ROTC offers two-, three-, and four-year scholarships. Additionally, Loyola Marymount University supplements some Air Force ROTC scholarships which do not cover total tuition. The scholarship recipient must successfully complete one course in English composition and one in mathematical reasoning.

A nominal four-year program consists of two years of the General Military Course, followed by two years of the Professional Officer Course. Admission into the Professional Officer Course is limited to those students who successfully pass required written, oral, and physical examinations. During the summer between the sophomore and junior year, cadets are required to attend four weeks of field training at an Air Force Base to familiarize them with Air Force life. The Air Force furnishes all uniforms, equipment, and transportation. Students also receive pay and allowances authorized by current directives at the time of field training attendance. After successfully completing field training, qualified cadets enter the Professional Officer Course and receive \$350-400 per month, tax-free, during the final two years of AFROTC.

An accelerated two-year program is also available. It consists of a longer field training and the two-year professional officer course. Interested students should contact the AFROTC Department early in their sophomore year for application procedures.

AFROTC offers students expanded access to management theories and practice, exposure to industry and military leaders, and opportunities to comprehend the world political and security environment. All of this is in a small campus environment but includes extensive interaction with students from other local universities and colleges who participate in the program. Besides a commission upon graduation, completed cadets qualify for careers as pilots, navigators, space and missile operators, business administrators, engineers, health professionals, intelligence, and many other leadership positions.

AERO 100

The Foundation of the United States Air Force I

1 Semester Hour

A survey course designed to introduce students to the United States Air Force and Air Force Reserve Officers Training Corps. Featured topics include: mission and organization of the Air Force, officership and professionalism, military customs and courtesies, officer career field opportunities, group leadership experiences, and an introduction to communication skills.

AERO 101

The Foundation of the United States Air Force II

1 Semester Hour

A survey course designed to introduce students to the United States Air Force and Air Force Reserve Officers Training Corps. Featured topics include: mission and organization of the Air Force, officership and professionalism, military customs and courtesies, officer career field opportunities, group leadership experiences, and an introduction to communication skills.

AERO 102

Laboratory I

0 Semester Hours

Students are exposed to leadership experiences by learning basic military drill and ceremonies, participating in physical fitness activities, and participating in challenging group activities.

(Taken concurrently with AERO 100, mandatory for cadets, optional for other students).

AERO 103

Laboratory II

0 Semester Hours

Students are exposed to leadership experiences by learning basic military drill and ceremonies, participating in physical fitness activities, and participating in challenging group activities.

(Taken concurrently with AERO 101, mandatory for cadets, optional for other students).

AERO 200

The Evolution of USAF Air and Space Power I

1 Semester Hour

A study of Air Force history and heritage, discussion of significant Air Force leaders and their contributions, and an introduction to service issues, ethics, and values. Includes an examination of the role of airpower in war. Students give oral and written presentations and participate in group leadership exercises.

AERO 201

The Evolution of USAF Air and Space Power II

1 Semester Hour

A study of Air Force history and heritage, discussion of significant Air Force leaders and their contributions, and an introduction to service issues, ethics, and values. Includes an examination of the role of airpower in war. Students give oral and written presentations and participate in group leadership exercises.

AERO 202

Laboratory III

0 Semester Hours

Students are exposed to leadership experience by directing others in basic military drill and ceremonies, participating in physical fitness activities, and participating in challenging group activities.

(Taken concurrently with AERO 200, mandatory for cadets, optional for other students).

AERO 203

Laboratory IV

0 Semester Hours

Students are exposed to leadership experience by directing others in basic military drill and ceremonies, participating in physical fitness activities, and participating in challenging group activities.

(Taken concurrently with AERO 201, mandatory for cadets, optional for other students).

AERO 300

Air Force Leadership Studies I

3 Semester Hours

A study of leadership and management fundamentals, professional knowledge, Air Force doctrine, leadership ethics, and communication skills. Case studies are used to examine Air Force leadership and management situations by demonstrating and exercising practical application of the concept being studied.

AERO 301

Air Force Leadership Studies II

3 Semester Hours

A study of leadership and management fundamentals, professional knowledge, Air Force doctrine, leadership ethics, and communication skills. Case studies are used to examine Air Force leadership and management situations by demonstrating and exercising practical application of the concept being studied.

AERO 302**Laboratory V***0 Semester Hours*

Students experience leadership by supervising basic military drill and ceremonies and by planning and participating in physical fitness activities and challenging group activities.

(Taken concurrently with AERO 301, mandatory for cadets, optional for other students).

AERO 303**Laboratory VI***0 Semester Hours*

Students experience leadership by supervising basic military drill and ceremonies and by planning and participating in physical fitness activities and challenging group activities.

(Taken concurrently with AERO 301, mandatory for cadets, optional for other students).

AERO 400**National Security Affairs Preparation for Active Duty I***3 Semester Hours*

Examines the national security process, regional studies, the laws of armed conflict, advanced leadership ethics, and Air Force and joint doctrine. Special topics of interest focus on the military profession, officership, civilian control of the military, and current issues. Effective communication skills continue to be emphasized.

AERO 401**National Security Affairs Preparation for Active Duty II***3 Semester Hours*

Examines the national security process, regional studies, the laws of armed conflict, advanced leadership ethics, and Air Force and joint doctrine. Special topics of interest focus on the military profession, officership, civilian control of the military, and current issues. Effective communication skills continue to be emphasized.

AERO 402**Laboratory VII***0 Semester Hours*

Students assume full responsibility for planning and running the leadership laboratory to include control of budgets and equipment, directing military drill and ceremonies, planning and participating in physical fitness activities, organizing trips and formal dinners, and designing and executing challenging group activities.

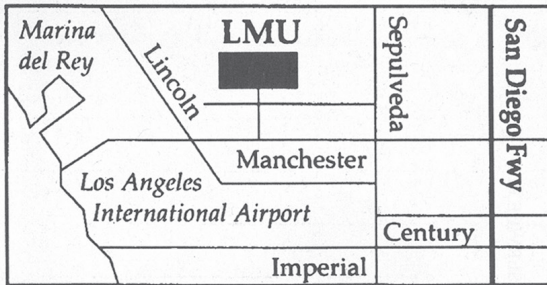
(Taken concurrently with AERO 400, mandatory for cadets, optional for other students).

AERO 403**Laboratory VIII***0 Semester Hours*

Students assume full responsibility for planning and running the leadership laboratory to include control of budgets and equipment, directing military drill and ceremonies, planning and participating in physical fitness activities, organizing trips and formal dinners, and designing and executing challenging group activities.

(Taken concurrently with AERO 401, mandatory for cadets, optional for other students).

Campus Maps



LOYOLA MARYMOUNT UNIVERSITY MAP

310.338.2700 www.lmu.edu

Parking (white)

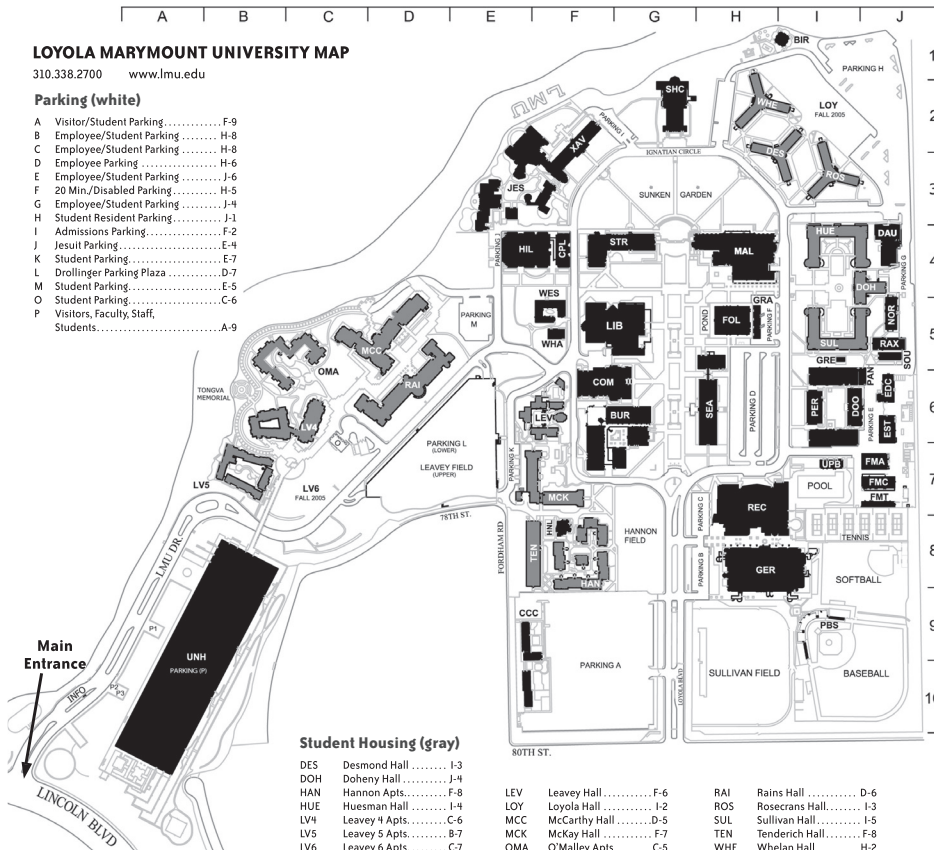
- A Visitor/Student Parking F-9
- B Employee/Student Parking H-8
- C Employee/Student Parking H-8
- D Employee Parking H-6
- E Employee/Student Parking J-6
- F 20 Min./Disabled Parking H-5
- G Employee/Student Parking J-4
- H Student Resident Parking J-1
- I Admissions Parking F-2
- J Jesuit Parking E-4
- K Student Parking E-7
- L Drollinger Parking Plaza D-7
- M Student Parking E-5
- O Student Parking C-6
- P Visitors, Faculty, Staff, Students A-9

Campus Facilities (black)

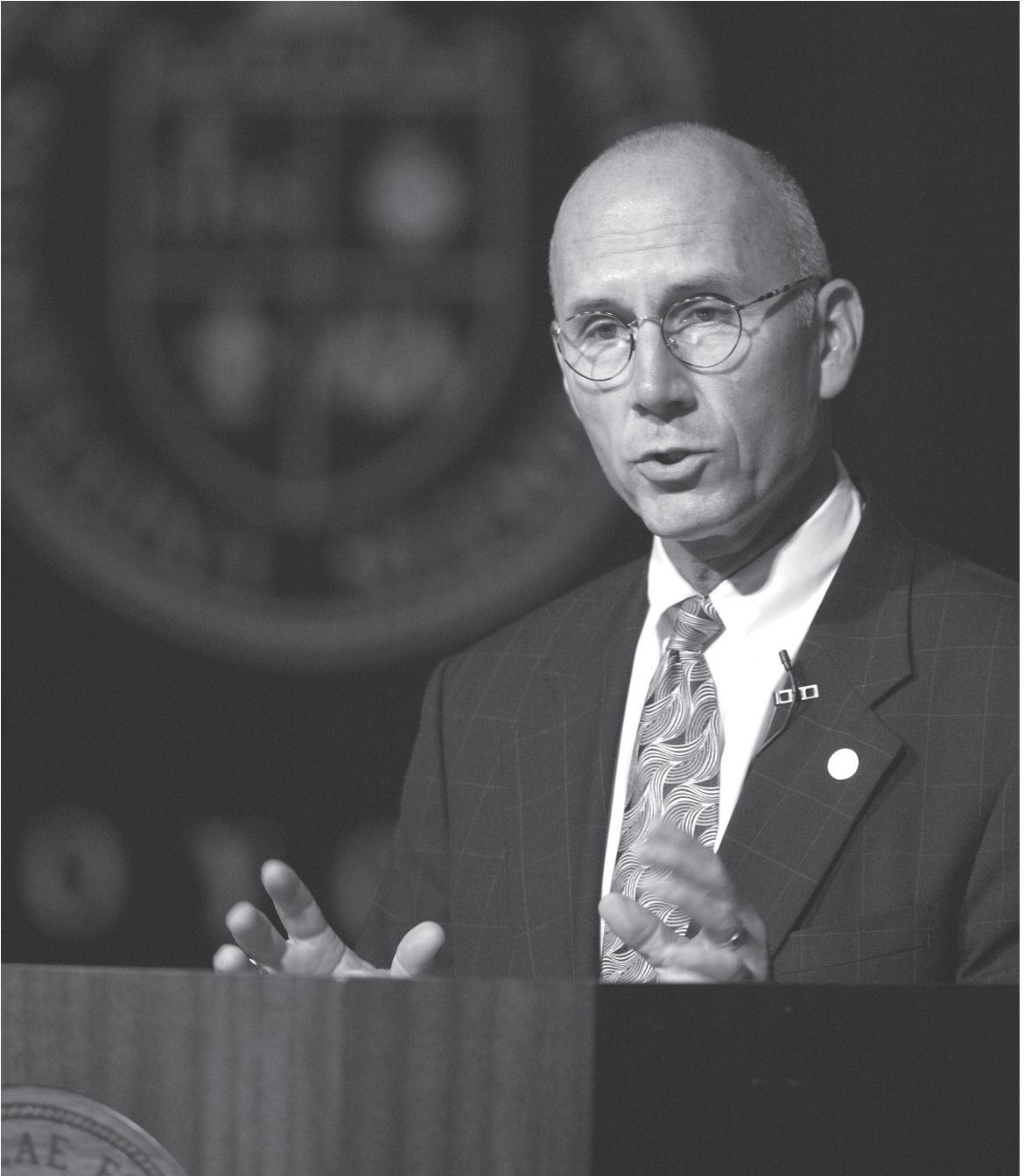
- BIR Bird Nest I-1
- BUR Burns Fine Art Center G-6
- Murphy Recital Hall
- Laband Gallery
- REC Burns Rec. Center H-7
- CPL Central Plant F-4
- CCC Child Care Center E-9
- COM Communication Arts F-6
- DAU Daum Hall J-4
- Public Safety
- DOO Doolan Hall I-6
- EST East Hall J-6
- EDC Engineering Design Ctr. J-6
- FMA Facilities Management J-7
- FMC F.M. Craft Shops J-7
- FMT F.M. Transportation J-7
- FOL Foley Building H-5
- Strub Theatre
- GER Gersten Pavilion H-8
- GRA Gracian Hall H-5
- GRE Greenhouse I-5
- HNL Hannon Loft F-8
- HIL Hilton Center for Bus. E-4
- JES Jesuit Community E-3
- MAL Malone Student Center H-4
- Bookstore
- The Lair Marketplace
- NOR North Hall J-5
- Del Rey Theatre
- PBS Page Baseball Stadium I-9
- PER Pereira Hall of Engineer. I-6
- PAN Pereira Annex J-6
- RAX Research Annex J-5
- SHC Sacred Heart Chapel F-2
- SEA Seaver Science Hall H-6
- SOU South Hall J-5
- STR St. Roberts Hall F-4
- Registrar
- UNH University Hall A-9
- Ahmanson Auditorium
- Bookstore
- Lions Den Café
- Roski Dining Room
- UPB Univ. Pool & Building I-7
- LIB Von der Ahe Library G-5
- WES West Hall F-5
- WHA West Hall Annex F-5
- XAV Xavier Hall F-2
- Admissions
- Financial Aid

Student Housing (gray)

- | | | |
|-----------------------------|-----------------------------|------------------------------|
| DES Desmond Hall I-3 | LEV Leavey Hall F-6 | RAI Rains Hall D-6 |
| DOH Doheny Hall J-4 | LOY Loyola Hall I-2 | ROS Rosecrans Hall I-3 |
| HAN Hannon Apts. F-8 | MCC McCarthy Hall D-5 | SUL Sullivan Hall I-5 |
| HUE Huesman Hall I-4 | MCK McKay Hall F-7 | TEN Tenderich Hall F-8 |
| LV4 Leavey 4 Apts. C-6 | OMA O'Malley Apts. C-5 | WHE Whelan Hall H-2 |
| LV5 Leavey 5 Apts. B-7 | | |
| LV6 Leavey 6 Apts. C-7 | | |



University Administration



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ex officio

Heidi Connolly, Manager, Regent & Trustee Relations and
University Relations Special Projects, *Liaison*

University Administration

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TBA	Associate Academic Vice President

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George L. Hess	Associate Dean, Undergraduate, College of Business Administration
Rachelle Katz	Associate Dean, Graduate, College of Business Administration
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Dean Scheibel	Associate Dean, College of Communication and Fine Arts
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W. Thomas Calder	Associate Dean, Frank R. Seaver College of Science and Engineering
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Elizabeth A. Stoddard	Associate Dean, School of Education
Albert Koppes, O.Carm.	Dean Emeritus, School of Education
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Roy Eric Xavier	Associate Dean, School of Film and Television

Academic Administration

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Noelle Griffin	Director, Assessment and Data Analysis
Kathleen Harris	Director, Beyond LMU
Catherine Graham Kasakoff	Director, Financial Aid
Chaké Kouyoumjian	Director, Graduate Admissions

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Richard T. Rocheleau	Assistant Dean of Housing, Student Housing
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William Husak	Director, Athletics
TBA	Director, Student Psychological Services
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Ana Gallegos	Director, Children's Center

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Sherrill Britton	Assistant Vice President, University Relations
Kathleen Flanagan	Assistant Vice President, Communications and Government Affairs
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Nancy Deutsch	Executive Director of Development, Corporate Foundation Relations and Constituent Programs
Lisa Piumetti Farland	Executive Director, Alumni and Community Relations
Joan Pohas	Executive Director, Principal Gifts and Gift Planning

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Rick Garcia	Assistant Vice President, Facilities Management
Joseph Harbouk	Assistant Vice President, Administration
Erin Griffin	Assistant Vice President, Information Technology
Raymond Hilyar	Director, Public Safety
Carol Gilbert	Executive Recruiter

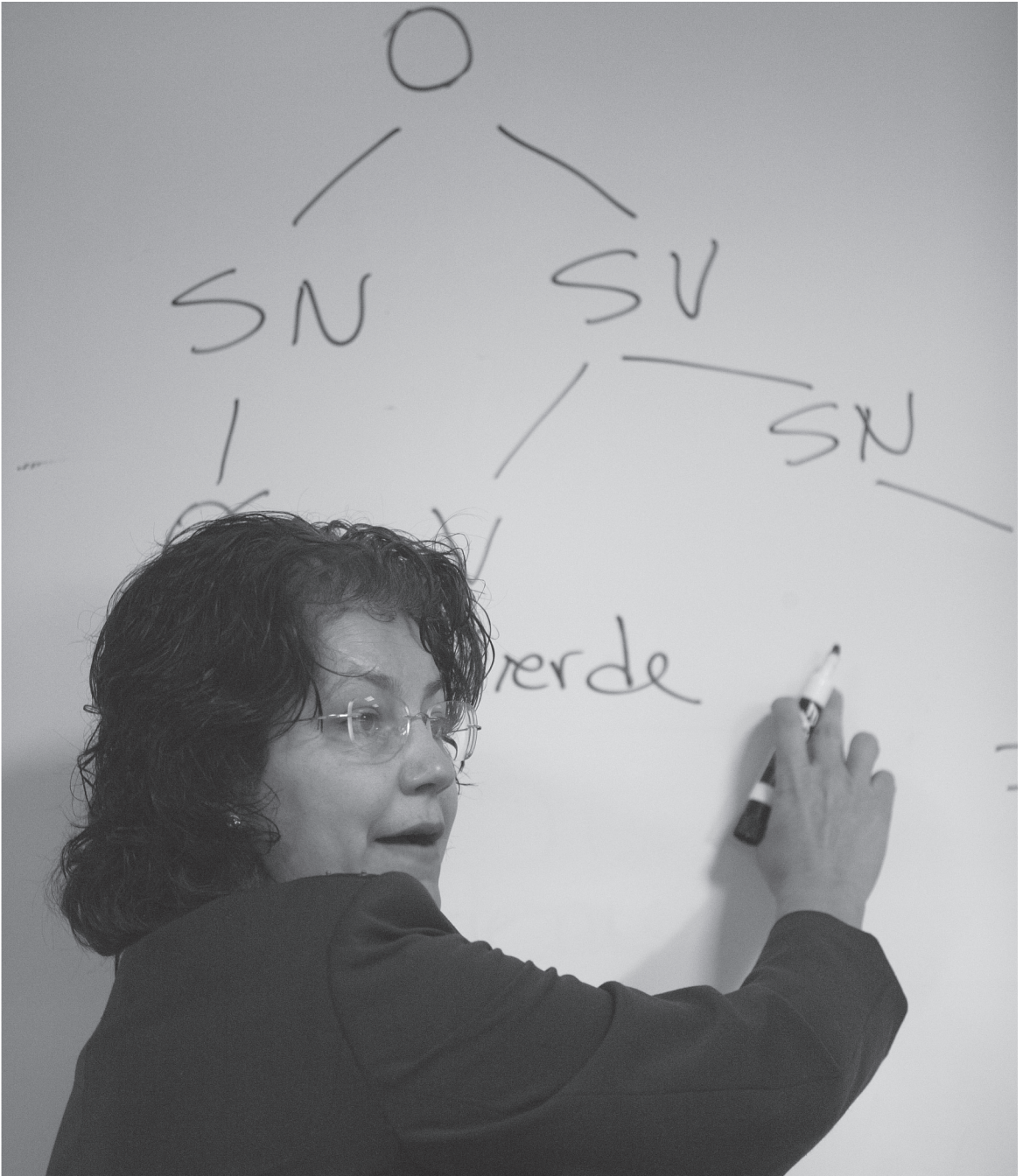
Campus Ministry

John Flaherty	Acting Director, Campus Ministry
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School of Law

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Ellen Aprill	Associate Dean, Academic Programs
William David Araiza	Associate Dean, Faculty
Debra Martin	Associate Dean, Business
Michiko M. Yamamoto	Associate Dean, Student Affairs
Kenneth Ott	Assistant Dean, Advancement
Jannell Lundy Roberts	Assistant Dean, Admissions
Graham Sherr	Assistant Dean, Career Services
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Carmen Ramirez	Executive Director, Alumni Relations
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Barbara Lu-Baltazar	Director, Human Resources
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Marti Reynolds	Director, Fiscal Affairs
Matthew Riojas	Director, Student Affairs
TBA	Director, Campus Ministry

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University Faculty

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M.A., University of South Carolina, 1976;
C.P.A., 1978.

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