

Dedman College was the first academic unit that would eventually become Dedman College. In the formulation of the Master Plan, the college became the School of Humanities and Sciences in recognition of its role in the specialized liberal arts. From 1963 until 1980, the basic liberal arts education for all students was provided by University College, an independent academic unit.

The School of Humanities and Sciences was merged with University College to create a new entity central to the enterprise. It would not only provide the basic foundations in liberal arts for all students but also serve as a center for the integration of the humanities, social sciences and natural sciences. As a result of the educational process, the name was changed from

largest. In 2011, some 1,400 undergraduate students received degrees in 50 programs, and the school enrolled just under 350 graduate students. Full-time faculty are based in the college. Undergraduate students at Dedman College may major in any one of 50 programs and choose from 18 graduate programs leading to a M.A. degree and 13 programs leading to a Ph.D. degree. Its 16 academic departments include Anthropology, Biological Sciences, Chemistry, Earth Sciences, History, Mathematics, Philosophy, Physics, Political Science, Psychology, Sociology, Statistical Science and World Languages.

### Academic Programs of Study

Majors in Dedman College include the following:

Anthropology	Ethnic Studies	Psychology
Biochemistry	African/African Amer Studies	Public Policy
Biological Sciences	Mexican-American Studies	Religious Studies
Chemistry	History	Sociology
Earth Sciences	Human Rights	Statistical Science
Resource Geology	Indv Studies/Liberal Arts	World Lang/Literatures
Geology	International Studies	World Languages: French
Geophysics	Latin-American/	World Languages: German
Economics	Iberian Studies	World Languages: Italian
Finance Applications	Markets and Culture	World Languages: Spanish
Systems Analysis	Mathematics	French
English	Medieval Studies	German
Creative Writing	Philosophy	Spanish
Environmental Science	Physics	
Environmental Studies	Political Science	

Minors available include the following:

Anthropology	English	Psychology
Archaeological	(Ethnic Studies)	Religious Studies
Biomedical	African-American Studies	Sociology
Cultural	Mexican-American Studies	Statistical Science
Biological Sciences	History	Women's and
Chemistry	Human Rights	Gender Studies
Classical Studies	International Studies	World Lang/Literatures
(Earth Sciences)	Asian Studies	Arabic
Geology	European Studies	Chinese
Environmental Earth	Latin-American/	French
Sciences	Iberian Studies	German
Economics	Middle Eastern/African Studies	Italian
Econometrics	Mathematics	Italian Area Studies
Economic Growth/	Medieval Studies	Japanese
Development	Natural Sciences	Latin
Economics of	Philosophy	Russian Area Studies
Decision-Making	Ethics	Spanish
Economics of Industrial	Physics	
Organization	Political Science	
International Economics	American Politics	
Labor Economics	Comparative Politics	
Monetary Economics	International Relations	
Public Economics	Law and Legal Reasoning	

Specific degree requirements and additional information for any of these programs can be found in the departmental sections of this catalog.

Dedman College students may also complete second majors and minors in other schools on campus, including the Cox School of Business, the Meadows School of the

reasoning, and written and oral expression. Students should keep in mind that the spoken and written word are the principal tools of the legal profession. Students who intend to study law must develop an excellent knowledge and grasp of the English language as well as a clear and concise style of expression.

A sound liberal arts education is valuable for pre-law students. Courses in political science, history, economics, statistics and anthropology help a student understand the structure of society and the problems of social ordering with which the law

Candidates for admission to medical school must take the Medical College Admission Test; the test should be taken in the spring of the junior year. Candidates for dental school should take the Dental Admission Test, also in the spring of the junior year. All students intending to apply to medical or dental schools should contact the

Students may also qualify for baccalaureate degrees from two schools in the University. Some characteristic pairings are English or political science in Dedman College and journalism in Meadows School of the Arts; physics or mathematics in Dedman College and electrical engineering in the Lyle School of Engineering; and world language in Dedman College and a major or minor in the Cox School of Business. Since all requirements for both degrees must be met, students should confer with advisers in both schools at an early date in order to prepare a proposed plan of study.

Students are individually responsible for knowing and complying with all regulations and requirements that may apply to their respective programs.

#### Courses Taken in SMU Abroad Programs

Up to 30 term credit hours taken in approved SMU Abroad programs may be counted towards the degree requirements for those majoring in Dedman College. An additional six term credit hours may be allowed through petition. Students should check individual departments within Dedman College for additional limitations.

#### Transfer Courses From Other Institutions

Once matriculated at SMU, students wishing to enroll for and transfer in courses offered at other institutions in subject areas within the Dedman College curriculum must receive prior approval from their adviser, the chair of the SMU department that normally offers the course, and the Dedman College Office of Records and Academic Services. A maximum of 30 credit hours of postmatriculation transfer work may be approved. Approval may be denied for educational reasons. Postmatriculation work must be completed at accredited, four-year institutions. Postmatriculation transfer from nonaccredited or two-year institutions will not be approved.

#### Admission

All incoming first-year students to the University are admitted to Dedman College as SMU Pre-Majors. Students should see the Admission to the University section of this catalog for requirements. Students wishing to pursue majors in the humanities, in the social or natural sciences, or in various multidisciplinary programs declare a

If three or more years have elapsed since the last enrollment at SMU, the student must meet any new requirements and is subject to any new regulations that have been instituted in the interval.

### DEGREE REQUIREMENTS

Dedman College offers four undergraduate degrees: the Bachelor of Arts, the Bachelor of Science, the Bachelor of Social Sciences and the Bachelor of Humanities. For the degree available in a specific area of study, students should consult the individual programs of study outlined in the following sections of this catalog.

#### The Major

A candidate for a degree must complete the requirements for a major in one of the departments or interdisciplinary programs of the college. The major requirements of each department and program are stated at the beginning of the section describing the courses offered in that department or area. The applicable requirements of the major are those in effect during the academic year of matriculation. Coursework counting toward a major must include at least 18 advanced hours in approved SMU credit courses and may not be transferred or taken pass/fail. All advanced courses required for the major must be passed with a grade of C- or better. In addition, Dedman College requires cumulative GPA of 2.000 for all courses attempted for completion of a major or minor. All courses attempted that could count toward the major/minor are included in determining the major/minor GPA. Majors must be officially declared (or changed) through the Dedman College Office of Records and Academic Services.

#### The Minor

A candidate for a degree may also complete the requirements of a minor, either in Dedman College or in one of the other undergraduate schools of the University. Advisers in the minor programs assist students in selecting a minimum of 15 hours, including at least nine at the advanced level, suitable for meeting requirements for a

Students must submit to the Dedman College Office of Records and Academic Services a formal application for graduation by August 24 for December 2012 graduation, by January 25 for May 2013 graduation or by June 6 for August 2013 graduation.

A candidate for a degree in Dedman College must have

- A minimum total of 122 term hours of credit, including the University-Wide Requirements and the requirements for a major.

- A minimum total of 42 advanced hours (3000 level or above).

- A maximum total of 2 hours of Personal Responsibility and Wellness.

- A maximum total of 3 hours of internship credit.

A candidate for a degree in Dedman College must attain

- A minimum cumulative GPA of 2.000 on all work attempted through enrollment at SMU.

- A minimum cumulative GPA of 2.000 on all equivalent work attempted elsewhere, if any.

- A minimum grade of C- on any advanced course offered in fulfillment of major or minor requirements.

- A minimum cumulative GPA of 2.000 for all work attempted for completion of major or minor requirements.

- No more than 12 hours with a grade of P (Pass).

As minimum requirements, a candidate for a degree in Dedman College must take the following hours as SMU credit. (That is, they must be earned in SMU courses or SMU-approved international programs.)

- A total of 60 hours.

- A total of 18 hours of advanced work in the major.

- A total that is equivalent to at least 50 percent of the advanced work required in any minor program selected. Departmental requirements may exceed this minimum.

A student who selects two majors in Dedman College that lead to different degrees (B.A. and B.S.) may receive both degrees simultaneously by completing all requirements in each major, along with general requirements for a degree in Dedman College. However, a student may not be awarded more than one baccalaureate degree from the same department.

- A student may pursue a program of study leading to a degree from Dedman





with at least six months of active military service may be granted waivers on a portion of the general military course.

For more information, students should contact Air Force ROTC, University of North Texas, PO Box 305400, Denton TX 76203; 940-565-2074; [det835@unt.edu](mailto:det835@unt.edu).

AERO 1103 (1), 1104 (1)

**FOUNDATIONS OF THE UNITED STATES AIR FORCE**

A survey course designed to introduce students to the USAF and the Air Force ROTC. Featured topics include mission and organization of the Air Force, officership and professionalism, military customs and courtesies, USAF officer opportunities, and an introduction to communication skills.

AERO 2100 (1), 4100 (1)

**COOPERATIVE EDUCATION IN AEROSPACE STUDIES**

Supervised work in a job directly related to the student's major, professional field of study or career objective. 1–3 hours each week. Prerequisites: Permission of division chair; student must

## Anthropology

[www.smu.edu/anthro](http://www.smu.edu/anthro)

Professor David Meltzer, Department Chair

Professors: Caroline Brettell, Robert Van Kemper, Karen Lupo, David Meltzer, Ben Wallace, Ronald Wetherington. Associate Professors: Michael Adler, Victoria Lockwood, Carolyn Smith-Morris, David Wilson. Assistant Professors: Sunday Eiselt, Brigitte Kovacevich, Nia Parson, Christopher Roos. Adjunct Lecturer: John Phinney. Emeritus Professors: Anthony E. Marks, Ladislav Novak, Garth Sampson, Fred Wendorf.

Anthropology is divided into four subfields: 1) archaeology, 2) cultural/social anthropology, 3) anthropological linguistics and 4) physical anthropology. In addition to providing the basis for careers in the subdisciplines, anthropology provides a background for professional careers in teaching, research, international affairs, medicine, business or law. A grade of C- or better must be earned in all courses taken in fulfillment of the requirements for the anthropology major. Students majoring in anthropology must achieve a minimum 2.000 GPA in anthropology, and they are urged to consult their departmental adviser periodically to re view their progress.

The B.A. degree is intended for students who desire general training in anthropology within a liberal arts curriculum. Thirty term hours of anthropology are required, of which 21 must be advanced. Of the 30 hours, ANTH 2301 is required. In addition, all candidates for the B.A. major must take at least three term hours in each subfield of anthropology (i.e., archaeology, cultural/social anthropology, anthropological linguistics and physical anthropology).

Intended for students who wish more specialized training in anthropology, the B.S. degree provides a strong foundation for students intending to pursue a graduate degree. Thirty-six term hours of anthropology are required, of which 24 must be advanced. Of the 36 hours, the following courses are required: ANTH 2301, 2315, 2363, and either 5334 or 5335; six term hours of fieldwork-related study (generally ANTH 5381 or 5382 and 4333 or 5681; alternatives need to be approved by the director of undergraduate studies); one of the following: ANTH 3361 or 5359; and either 4399 or three term hours of independent study (ANTH 4191, 4192, 4291, 4292, 4391 or 4392). In addition, three term hours of statistics (generally STAT 2331), and six term hours of world language are required.

This program is open to junior and senior anthropology majors with outstanding academic records. Graduation with departmental distinction is designated on the diploma of those who successfully complete the program. To earn departmental distinction, a student must

1. Complete the usual coursework for a B.A. or B.S. degree with at least a 3.500 GPA in anthropology and with at least a 3.000 GPA overall.
2. With a grade of B or higher, pass ANTH 5334 and 5335 or complete a substantial independent reading program (for three term hours credit that replaces one of these) on the history, conceptual foundations or methodological problems of the discipline.

3. With a grade of A or A-, conduct a research project (for three term hours credit in ANTH 4391, 4392 or 4399) and complete a significant research paper that is a minimum of 20 pages of text, includes a bibliography, and is written in appropriate subdisciplinary professional style and format.
4. Pass an oral examination of one hour in length (with at least three full-time departmental faculty members), covering the results of the research project and general issues and concepts in anthropology according to the subfield specialty.

A 15-hour minor may be taken in one of three tracks: archaeology, cultural anthropology or general anthropology; an 18-hour track may be taken in biomedical anthropology. ANTH 2301 is common to all four minors, with the remaining courses selected from a list published in this catalog. A grade of C- or better must be earned in all advanced courses taken in fulfillment of the requirements for an anthropology minor.

General Anthropology Minor (15 credit hours)

1. ANTH 2301 Introductory Cultural Anthropology
2. A minimum of one course in each anthropological subfield (archaeology, cultural anthropology, linguistics, and physical anthropology), 9 hours of which are advanced (12 hours total) [ Note: ANTH 1321, 3330, 3331, 4350, 4351, 4352, 4399, 5334, and 5335 may be counted for the relevant subfield.]

Archaeology Minor (15 credit hours)

1. ANTH 2301 Introductory Cultural Anthropology
2. Archaeological Concepts (one of the following):  
 ANTH 2302 People of the Earth or 2363 The Science of the Past
3. Regional Archaeology/Methods (9 hours from the following):  
 ANTH 3304 North American Archaeology  
 ANTH 3312 Mesoamerican Archaeology  
 ANTH 3313 South American Indians of the Past and Present  
 ANTH 3315 Origins of Civilization  
 ANTH 3318 Prehistory of the American Southwest  
 ANTH 3319 Human Ecology  
 ANTH 3334 Fantastic Archaeology and Pseudoscience  
 ANTH 3330, 3331 Special Topics in Anthropology (archaeological topic)  
 ANTH 3351 Forensic Anthropology: Stories Told by Bones  
 ANTH 3356 Before Civilization  
 ANTH 3365 The Rise and Fall of Superpowers  
 ANTH 3374 Cultures and Environments of the Southwest  
 ANTH 3384 Paradise Lost? Archaeology and Ethics of Human Environmental Impacts  
 ANTH 3388 Warfare and Violence  
 ANTH 3390 The Plundered Past  
 ANTH 3399 Ice Age Americans  
 ANTH 4191, 4192, 4291, 4292 Independent Study and Research (archaeological topic)  
 ANTH 4300 World Archaeology  
 ANTH 4325 Zooarchaeology  
 ANTH 4333 Laboratory Methods in Archaeology  
 ANTH 4350, 4351, 4352 Special Topics in Anthropology (archaeological topic)  
 ANTH 4381 Internship in Anthropology (archaeological topic)  
 ANTH 4385 Coastal and Aquatic Archaeology  
 ANTH 4386 The Archaeology of Gender and Sexuality  
 ANTH 4390 Current Issues in Anthropology (archaeological topic)  
 ANTH 4391, 4392 Independent Study and Research (archaeological topic)  
 ANTH 4399 Senior Seminar in Anthropology

3. Regional Archaeology/Methods (continued)
  - ANTH 5033 Proseminar on Ethics in Archaeology
  - ANTH 5310 Human Osteology: Biology of the Human Skeleton
  - ANTH 5334, 5335 History of Anthropology: Part 1, 2
  - ANTH 5355 Seminar in the Southwest
  - ANTH 5381, 5382, 5681, 5981 Field Methods in Archaeology

Biomedical Anthropology Minor (18 credit hours)

1. ANTH 2301 Introductory Cultural Anthropology
2. Core Courses:
  - ANTH 3348 Health as a Human Right
  - ANTH 3301 Health, Healing, and Ethics and/or 5336 Anthropology and Medicine
3. Biomedical Anthropology Electives (9 hours from the following):
  - ANTH 3303 Psychological Anthropology
  - ANTH 3330, 3331 Special Topics in Anthropology (biomedical topic)
  - ANTH 3350 Good Eats and Forbidden Flesh
  - ANTH 3351 Forensic Anthropology: Stories Told by Bones
  - ANTH 4191, 4192, 4291, 4292 Independent Study and Research (biomedical topic)
  - ANTH 4303 Political Economy of Health
  - ANTH 4307 Seminar in International Health
  - ANTH 4343 Health and Medical Systems
  - ANTH 4344 Global Population Processes
  - ANTH 4350, 4351, 4352 Special Topics in Anthropology (biomedical topic)
  - ANTH 4381 Internship in Anthropology (biomedical topic)
  - ANTH 4391, 4392 Independent Study (biomedical topic)
  - ANTH 5310 Human Osteology: Biology of the Human Skeleton
4. Electives in Other Departments (one of the following):
  - PHIL 3376 Bioethics
  - PSYC 3360 Health Psychology
  - RELI 3366 Magic, Myth, and Religion Across Cultures
  - WGST 2380 Human Sexuality

Cultural Anthropology Minor (15 credit hours)

1. ANTH 2301 Introductory Cultural Anthropology
2. Cultural Concepts (two of the following):
  - ANTH 3301 Health, Healing and Ethics
  - ANTH 3303 Psychological Anthropology
  - ANTH 3305 The Other in America
  - ANTH 3309 The Etruscans and Iron Age Italy
  - ANTH 3310 Gender and Sex Roles: A Global Perspective
  - ANTH 3319 Human Ecology
  - ANTH 3327 Culture Change and Globalization
  - ANTH 3328 Gender Violence
  - ANTH 3329 Contesting Development: Global/Local Impacts and Human Rights
  - ANTH 3330, 3331 Special Topics in Anthropology (cultural anthropology topic)
  - ANTH 3333 The Immigrant Experience
  - ANTH 3336 Gender and Globalization
  - ANTH 3344 Cultural Aspects of Business
  - ANTH 3348 Health as a Human Right
  - ANTH 3350 Good Eats and Forbidden Flesh
  - ANTH 3361 Language in Culture and Society
  - ANTH 3366 Magic, Myth, and Religion Across Cultures
  - ANTH 3368 Urban Life: A Cross-Cultural Perspective
  - ANTH 3385 Sustainable Living
  - ANTH 3388 Warfare and Violence
  - ANTH 4191, 4192, 4291, 4292 Indep. Study/Research (cultural anthropology topic)
  - ANTH 4304 Migration, Ethnicity, and Nationalism

2. Cultural Concepts (continued)
  - ANTH 4305 Applied Anthropology
  - ANTH 4306 Anthropology and Education
  - ANTH 4309 Human Rights, Indigenous Peoples, and Nation States
  - ANTH 4344 Global Population Processes
  - ANTH 4346 Environmental Anthropology and Development
  - ANTH 4350, 4351, 4352 Special Topics in Anthropology (cultural anthropology topic)
  - ANTH 4381 Internship in Anthropology (cultural anthropology topic)
  - ANTH 4384 Global Issues and Development: An Overview
  - ANTH 4390 Current Issues in Anthropology (cultural anthropology topic)
  - ANTH 4391, 4392 Independent Study (cultural anthropology topic)
  - ANTH 4399 Senior Seminar in Anthropology (cultural anthropology topic)
  - ANTH 5336 Anthropology and Medicine
  - ANTH 5344 Research Methods in Ethnology
3. Regional Ethnography (6 hours from the following):
  - ANTH 3309 The Etruscans and Iron Age Italy
  - ANTH 3311 Mexico: From Conquest to Cancun
  - ANTH 3313 South American Indians of the Past and Present
  - ANTH 3314 Peoples of Africa
  - ANTH 3316 Cultures of the Pacific Islands
  - ANTH 3317 Peoples of Southeast Asia
  - ANTH 3323 East Asia: Cultural Traditions and Transformations
  - ANTH 3346 Culture and Diversity in American Life
  - ANTH 3353 Indians of North America
  - ANTH 3354 Latin America: People, Places, and Power
  - ANTH 3355 Society and Culture in Contemporary Europe
  - ANTH 3358 Indians of the Southwest, 16th Century–Present
  - ANTH 3359 Peoples and Cultures of the Middle East
  - ANTH 3376 Caribbean Transformations: From Columbus to Carnival

Note: All 2000-level and 3000-level anthropology courses are open to first-year students. Undergraduate and graduate students may take 4000-level and 5000-level courses; however, undergraduate students must have introductory coursework in the appropriate subfield or permission of the instructor. Anthropology courses are grouped into the following:



ANTH 3305 (3)

THE OTHER IN AMERICA – POPULAR PERCEPTIONS AND GOVERNMENT POLICY  
THROUGH TIME

ANTH 3323 (3)

**EAST ASIA: CULTURAL TRADITIONS AND TRANSFORMATIONS**

Anthropological examination of East Asia, focusing on China, Korea, and Japan. Topics include mainstream philosophical traditions, individual and society, ethnicity and nationalism, and gender. Prerequisite:





ANTH 3374/CF 3374 (3)

**CULTURES AND ENVIRONMENTS OF THE SOUTHWEST**

Patterns of land and resource use in prehistoric and early historic times in the Southwest. The focus is on the mutual influence of cultures and resources in the northern Rio Grande region.

ANTH 3376 (3)

**CARIBBEAN TRANSFORMATIONS: FROM COLUMBUS TO CARNIVAL**

An introduction to the anthropology of Caribbean societies, focusing on the social, economic, and political influences that have shaped the contemporary Caribbean.

ANTH 3384/CFA 3384 (3)

**PARADISE LOST? THE ARCHAEOLOGY AND ETHICS OF HUMAN ENVIRONMENTAL IMPACTS**

Interdisciplinary archaeological, anthropological, and historical examination of human impacts on the environment around the world over the last 50,000 years.

ANTH 3385/CFA 3385 (3)

**SUSTAINABLE LIVING**

This course focuses on environmental challenges facing society and strategies for achieving a more sustainable existence.

ANTH 3388/CFA 3388 (3)

**WARFARE AND VIOLENCE: THE ANTHROPOLOGY AND ETHICS OF HUMAN CONFLICT**

An examination of the origins and development of human aggression, violence, and warfare using interdisciplinary data and theories from prehistory, ethnology, history, and political science.

ANTH 3390/CFB 3390 (3)

**THE PLUNDERED PAST: ARCHAEOLOGY'S CHALLENGES IN THE MODERN WORLD**

This course will provide an interdisciplinary understanding of the importance societies place on knowing, preserving, and altering evidence of the past. Special emphasis is placed on archaeology's role in understanding and preserving the past.

ANTH 3399/CFA 3399 (3)

**IN SEARCH OF ICE AGE AMERICANS**

The peopling of America during the Ice Age, reconstructed by various disciplines (e.g., archaeology, linguistics, and molecular biology), and what that reconstruction reveals about how people adapted to a truly new world.

ANTH 4300 (3)

**WORLD ARCHAEOLOGY**

An archaeological overview of the human trajectory and sociocultural development over time, beginning with the origins of modern humans and then looking at human interactions with specific environments.

ANTH 4303 (3)

**POLITICAL ECONOMY OF HEALTH**

Course explores topics in health and healing from a political economy perspective. Addresses social and economic factors influencing culture change, health and healing practices within a society. Examines health inequities around the globe. Prerequisites: ANTH 2301, ANTH 3301 or approval by instructor.

ANTH 4304 (3)

**MIGRATION, ETHNICITY, AND NATIONALISM**

Examines three interrelated topics: migration, ethnicity, and nationalism. Focuses on major theoretical positions and on specific ethnographic cases. Prerequisite: 18 hours of anthropology or permission of the instructor for nonanthropology majors.

ANTH 4305 (3)

**APPLIED ANTHROPOLOGY**

The application of anthropological theories and methods to problems in contemporary societies, including global business, community development, health care issues, agricultural/environmental programs, urban planning, tourism projects and education policy. Prerequisites: Advanced standing and ANTH 2301 (or permission of instructor for nonanthropology majors).

ANTH 4306 (3)

**ANTHROPOLOGY AND EDUCATION**

An overview of the interaction of culture, society, and institutions in contemporary schools in

ANTH 4377 (3)

**THE HUMAN FOSSIL RECORD**

An examination of morphology, classification, and evolutionary relationships in the human fossil record. Covers the Pliocene through the emergence of modern *Homo sapiens*. Comparisons using the departmental fossil collection. Prerequisite: ANTH 2315 or permission of instructor.

ANTH 4381 (3)

**INTERNSHIP IN ANTHROPOLOGY**

ANTH 5335 (3)

**HISTORY OF ANTHROPOLOGY, PART TWO**

Traces the theoretical developments in ethnology and archaeology from 1960 to the present, with intense readings and a focus on the potential utility of theoretical coherence in the discipline. Prerequisite: 18 hours of anthropology.

ANTH 5336 (3)

**ANTHROPOLOGY AND MEDICINE**

Cross-cultural study of the cultural construction and social organization of medical systems in preindustrial and industrialized societies, including political economy of health, ethnomedicine, international health, ethnopharmacology, and bioethics. Prerequisite: ANTH 2301 or 3301 or permission of instructor.

ANTH 5344 (3)

**RESEARCH METHODS IN ETHNOLOGY**

Examination of methodologies and techniques appropriate for different types of ethnological research. Prerequisites: Advanced standing and ANTH 2301 (or permission of instructor for nonanthropology majors).

ANTH 5355 (3)

**SEMINAR IN THE SOUTHWEST**

This course will focus on the development of archaeology in the American Southwest by placing it in historical context, discussing the social role of archaeology in general, 19th-century exploration and the impact of early archaeological finds, development of museums, tourism, national monuments, field schools, and the changing role of the Native Americans.

ANTH 5359/ENGL 5378 (3)

**LINGUISTICS: GENERAL**

An introduction to modern linguistic science. Topics include phonology, morphology, syntax, semantics, dialects, writing systems, child language, language and the brain, and language in education.

ANTH 5381 (3), 5382 (3), 5681 (6), 5981 (9)

**FIELD METHODS IN ARCHAEOLOGY**

Methods of excavation, recording, and interpretation used in archaeological research. Fort Burgwin Research Center. Summer only. Students may enroll for 1 credit (ANTH 5381) or 3 credits (ANTH 5382) or 6 credits (ANTH 5681) or 9 credits (ANTH 5981).



## Biological Sciences

[www.smu.edu/biology](http://www.smu.edu/biology)

Professor Steven Vik, Department Chair

Professors: Christine Buchanan, Richard Jones, Paul Ludden, William Orr, Larry Ruben, John Ubelaker, Steven Vik, Pia Vogel. Associate Professor: Robert Harrod. Assistant Professor: Johannes Bauer. Research Associate Professor: John Wise. Lecturer: Eva Oberdorster. Visiting Lecturer: Teresa Strecker. Emeritus Professors: Venita Allison, John McCarthy, Franklin Sogandares-Bernal.

This degree program is designed for students who plan careers in the biological sciences or further study in graduate or professional schools. A candidate for the B.S. degree must complete a minimum of 10 courses in biological sciences, including BIOL 1401, 1402 and eight additional courses that 1) total at least 26 advanced hours, 2) include BIOL 3304 and 3350, 3) include at least one course at the 4000 or 5000 level, and 4) include at least two courses with laboratories. The B.S. degree requires 16 hours of chemistry, including Organic Chemistry 1 and 2 with labs; eight hours of general physics; MATH 1337; and one additional course chosen from MATH 1338, or STAT 2331 or 5371. Although statistics is used extensively in biological research, preprofessional students should be aware that certain medical schools require a full year of calculus.

This degree program is designed for students with a strong interest in a research career. It is a five-year plan that results in both the B.S. and M.S. degrees. Admission into the program is by petition and occurs during the spring term of the second year. A research mentor must be identified and a minimum 3.200 GPA in science courses is required. The Department Graduate Committee will evaluate interested applicants. Tuition support is provided in the fifth year, and stipend support is provided for summer research and throughout the fifth year. Students in the program must be engaged in research year round and will enroll in BIOL 2101, 2102 in the third year. All of the B.S. degree requirements must be completed and include the following courses: BIOL 3304, 3350, 3398, 3399, 5304, 5310 or 5311, 5110. The requirements for the M.S. degree will be met in years four and five. During year four, students will complete BIOL 6121, 6122, 6310, 6322. During year five, students will typically complete BIOL 6123, 6124; two additional graduate courses; and sufficient research credits to total 15 hours in each term of the fifth year. To remain in the program, students will maintain a 3.000 GPA in science courses and exhibit satisfactory progress in their lab work.

This degree program is designed for students who wish to couple training in the biological sciences with a broad liberal arts program. Students who are preparing for medical or dental school should consult with the pre-med adviser about additional science requirements. A candidate for the B.A. degree must complete a minimum of eight courses in biological sciences, including BIOL 1401, 1402 and six courses that 1) total at least 18 advanced hours, 2) include BIOL 3304 and 3350, 3) include at

least one course at the 4000 or 5000 level, and 4) include at least two courses with laboratories. The B.A. degree also requires 12 hours of chemistry, including Organic Chemistry 1 with lab.

A biological sciences major with sufficiently high academic standing may graduate with departmental distinction by successfully completing a special program of study that includes independent reading and research and a senior thesis under the direction of a member of the departmental faculty. To graduate with departmental distinction, a student must be working toward a B.S. degree and must submit an application to the Undergraduate Studies Committee of the department for this designation during the first term of the junior year. At the time of the application, the student must have completed at least 14 hours of biological sciences, including at least six advanced hours, with a GPA in these courses of at least 3.500 and an overall GPA of at least 3.500. For students who have transferred to SMU, two grade point averages will be calculated, that for all work attempted, and that for work completed through enrollment at SMU. Admission to the program will be based on the lower of the two averages. With departmental approval, the student will enroll for BIOL 4398 in the second term of the junior year. Upon completion of this course with a grade of B+ or better, the student will enroll during the senior year for BIOL 4399 in which a research project will be carried out and a senior thesis written and presented to the faculty. Performance in these courses and maintenance of a 3.500 GPA for all biological sciences courses attempted will determine if the B.S. degree will be awarded "with departmental distinction."

Students majoring in other departments may obtain a minor in biological sciences by completing BIOL 1401, 1402 and at least nine advanced hours, which must include BIOL 3304, 3350 and an advanced laboratory course. Each advanced course must be completed through enrollment at SMU. CHEM 1303, 1304, 1113, 1114 also are required for the minor. A student may not earn minors in both biology and the natural sciences, or either a minor or major in both biology and environmental science.

**Courses for Nonscience Majors.** BIOL 1303, 1305, 1308 and 1310 are designed to satisfy the curricular requirements of nonscience students. BIOL 1303 is not open to students who have earned prior credit in BIOL 1401, and BIOL 1305, 1308, 1310 are not open to students who have earned prior credit in BIOL 1402. Nonscience majors should note that BIOL 1401, 1402 may also be taken to satisfy distribution requirements.

**Courses for Biology Majors.** Students who wish to earn the B.A. or B.S. degree in biology are encouraged to complete BIOL 1401, 1402 and CHEM 1303, 1304 (with labs) in their freshman year. However, with the approval of an academic adviser, a student may postpone BIOL 1401, 1402 for one or two terms. The introductory biology courses are the minimum prerequisite for all advanced biology courses. The general chemistry courses are a prerequisite for most advanced biology courses.

**Special Courses.** BIOL 2101, 2102, 3395, 3398, 3399, 4398 and 4399 are research courses. BIOL 3343, 3347 and 5359 are SMU-in-Taos courses.



BIOL 1303 (3)

**ESSENTIALS OF BIOLOGY**

An introduction to the major concepts of biological thought for the nonscience major. Includes one laboratory session each week. BIOL 1303 is not open to students who have earned prior credit in BIOL 1401.

BIOL 1305 (3)

**OUR NATURAL ENVIRONMENT**

An introduction to major environments and their resident populations. Offered in summer session at Fort Burgwin, SMU-in-Taos, New Mexico. Includes equivalent of one laboratory session each week.

BIOL 1308 (3)

**PLANT BIOLOGY**

An introduction to the economic, social, and industrial aspects of plant substances and material. Offered in summer session at Fort Burgwin, SMU-in-Taos, New Mexico. Includes equivalent of one laboratory session each week.

BIOL 1310 (3)

**AQUATIC BIOLOGY**

An introduction to the biology of lakes and streams of the Southern Rocky Mountains. Lectures and labs will be conducted at Fort Burgwin, SMU-in-Taos, New Mexico.

BIOL 1401 (4)

**INTRODUCTORY BIOLOGY**

Introduction to the study of living organisms: cell structure, metabolism, and genetics. 3 hours of lecture and one 3-hour laboratory each week. BIOL 1401, 1402 are prerequisites for all advanced courses in biological sciences.

BIOL 1402 (4)

**INTRODUCTORY BIOLOGY**

Introduction to the study of living organisms: ecology, evolution, diversity, and physiology. 3 hours of lecture and one 3-hour laboratory each week. BIOL 1401, 1402 are prerequisites for all advanced courses in biological sciences.

BIOL 2099 (0)

**INTERNSHIP**

Laboratory or fieldwork in biology at an on- or off-campus location. Pass/fail only. No tuition. Prerequisite: Departmental approval required.

BIOL 2101 (1)

**INTRODUCTORY RESEARCH I**

A minimum of 5 hours per week doing supervised laboratory research. This course is offered on a pass/fail basis only. Prerequisites: At least sophomore standing; BIOL 1401, 1402; and consent of instructor.

BIOL 2102 (1)

**INTRODUCTORY RESEARCH II**

A minimum of 5 hours per week doing supervised laboratory research. This course is offered on a pass/fail basis only. Prerequisites: BIOL 2101 and consent of instructor.

BIOL 3100 (1)

**SPECIAL TOPICS ABROAD**

Courses offered in SMU-approved international programs. May be repeated for credit under a different subtitle. A maximum of 6 hours may be applied toward the B.A. or B.S. degree in biology. May not be applied toward the minor in biology. Prerequisite: Departmental approval.

BIOL 3200 (2)

**SPECIAL TOPICS ABROAD**

Courses offered in SMU-approved international programs. May be repeated for credit under a different subtitle. A maximum of 6 hours may be applied toward the B.A. or B.S. degree in biology. May not be applied toward the minor in biology. Prerequisite: Departmental approval.

BIOL 3222 (2)

**MOLECULAR GENETICS LABORATORY**

Students gain experience in investigative methods used in modern medical research, molecular biology, genetics, bioinformatics, forensic science, and the pharmaceutical and biotechnology industries. Prerequisite: C- or better in BIOL 3304.

BIOL 3300 (3)

**SPECIAL TOPICS ABROAD**

Courses offered in SMU-approved international programs. May be repeated for credit under a different subtitle. A maximum of 6 hours may be applied toward the B.A. or B.S. degree in biology. May not be applied toward the minor in biology. Prerequisite: Departmental approval.

BIOL 3303 (3)

**EVOLUTION**

A study of the principles of biological evolution. Includes natural selection, adaptation, molecular evolution, the formation of new species, the fossil record, biogeography, and principles of classification. 3 hours of lecture each week. Prerequisites: BIOL 1401 and C- or better in BIOL 3304.

BIOL 3304 (3)

**GENETICS**

An introduction to the structure, function, and transmission of the hereditary material. 3 hours of lecture each week. Prerequisites: BIOL 1401 and CHEM 1304.

BIOL 3305 (3)

**LIMNOLOGY: AQUATIC BIOLOGY**

The study of inland waters, integrating chemistry, physics, and biology. Emphasis is on identifying organisms and studying their interactions with the environment. 2 hours of lecture plus one 3-hour laboratory each week. Prerequisites: BIOL 1401, 1402; CHEM 1303.

BIOL 3306 (3)

**PHYSIOLOGY**

Homeostatic control mechanisms in vertebrates. 3 hours of lecture. Prerequisites: BIOL 1401, 1402; CHEM 1303.

BIOL 3342 (3)

**PLANT KINGDOM**

A survey of the plant kingdom emphasizing life histories and developmental morphology. 2 hours of lecture and one 3-hour laboratory each week. Prerequisites: BIOL 1401, 1402.

BIOL 3343 (3)

**FIELD BOTANY**

Identification of vascular plants, with emphasis on ecological indicators. Lectures and laboratories conducted at Fort Burgwin, New Mexico, site of SMU-in-Taos. Prerequisites: BIOL 1401, 1402.

BIOL 3347 (3)

**SYSTEMATIC BOTANY**

An introduction to the history, nomenclature, family characteristics, identification, and

BIOL 3403 (4)

**MICROBIOLOGY**

The biology of microorganisms, with an emphasis on diversity, disease, and the environment. 3 hours of lecture and one 3-hour laboratory each week. Recommended CHEM 3371, 3117. Prerequisites: BIOL 1401, 1402 and C-or better in BIOL 3304.

BIOL 4132 (1)

**SENIOR SEMINAR**

Discussion of current problems of biological interest. 1 hour each week. Prerequisites: Senior standing; major in biology.

BIOL 4160 (1)

**TOXICOLOGY LABORATORY**

Modern biochemical and molecular techniques are used to assess the impact of environmental contaminants on liver biomarkers in fish. One 3-hour laboratory each week. Prerequisite: C- or better in BIOL 3350. Prerequisite or corequisite: BIOL 4360.

BIOL 4322 (3)

**MOLECULAR BIOLOGY OF EUKARYOTES**

Structure and function of eukaryotic chromosomes as mediators of gene expression during growth, differentiation, and on cogenesis. A student cannot have previously completed BIOL 5304. Prerequisites: BIOL 3304, CHEM 3372, and junior standing.

BIOL 4331 (3)

**DEVELOPMENTAL BIOLOGY**

Developmental processes in animals. 3 hours of lecture each week. Prerequisites: BIOL 1401, 1402 and C- or better in BIOL 3304.

BIOL 4360 (3)

**ENVIRONMENTAL AND HUMAN TOXICOLOGY**

Introduction to environmental toxicology, focusing on the fate and transport, biotransformation, and biochemical and physiological impacts of pollutants on humans and wildlife. 3 hours of lecture per week. Recommended: CHEM 3371, 3372. Prerequisite: C- or better in BIOL 3350.

BIOL 4370 (3)

**BIOTECHNOLOGY AND NANOTECHNOLOGY**

Introduction to current techniques and emerging applications of biotechnology and nanobiotechnology in medicine, agriculture, forensic and aquatic sciences, and bioremediation. Prerequisites: CHEM 3371 and C- or better in BIOL 3304.

BIOL 4398 (3)

**HONORS RESEARCH I**

For students in the departmental distinction program. Prerequisites: BIOL 1401, 1402; admission to departmental distinction program.

BIOL 4399 (3)

**HONORS RESEARCH II**

For students in the departmental distinction program. Prerequisite: B+ or better in BIOL 4398.

BIOL 5102 (1)

**STRUCTURAL BIOLOGY SEMINAR**

Readings and discussions of the period 1933–1963 when structural molecular biology emerged. Readings include original research articles and historical reviews. Prerequisite: BIOL/CHEM 5310 or consent of instructor.

BIOL 5110/CHEM 5110 (1)

**BIOLOGICAL CHEMISTRY LABORATORY**

One 3-hour laboratory each week. If CHEM 5110 is counted toward a chemistry major or minor, it cannot be counted toward a biological sciences major or minor. Prerequisites: BIOL 1401, 1402. Prerequisite or corequisite: BIOL/CHEM 5310.

BIOL 5166/GEOL 5166 (1)

**VERTEBRATE ANATOMY LABORATORY**

A laboratory course to accompany BIOL/GEOL 5366. Exercises include basic anatomy, dissections, and examinations of fossil skeletons. Corequisite: BIOL/GEOL 5366.

BIOL 5304 (3)

**MOLECULAR BIOLOGY: CONTROL AND EXPRESSION OF GENETIC INFORMATION**

DNA structure and replication, control of transcription and translation, and techniques in molecular genetics and recombinant DNA technology. Prerequisites: CHEM 3372 and C- or better in BIOL 3304.

BIOL 5305 (3)

**GENOMICS AND BIOINFORMATICS**

Impact of completely sequenced genomes on current experimental and computational approaches to biomedical research. Introduction to the technology, biology, and software exploited by molecular biology, geneology, and medical diagnostic labs. Prerequisites: C- or better in BIOL 3304 and junior standing.

BIOL 5310/CHEM 5310 (3)

**BIOLOGICAL CHEMISTRY: MACROMOLECULAR STRUCTURE AND FUNCTION**

Introduction to the structure and function of macromolecules of biological importance. Emphasis on nucleic acid and protein structure, enzyme kinetics, and carbohydrate and lipid chemistry. 3 hours of lecture each week. If CHEM 5310 is counted toward a chemistry major or minor, it cannot be counted toward a biological sciences major or minor. Prerequisites: BIOL 1401, 1402; CHEM 3371, 3372. The accompanying laboratory (BIOL 5110) is strongly recommended for biology majors.

BIOL 5311/CHEM 5311 (3)

**BIOLOGICAL CHEMISTRY: METABOLISM**

Introduction to the pathways and regulatory events in the metabolism of carbohydrates, lipids, amino acids, and nucleotides. 3 hours of lecture each week. Prerequisites: CHEM 3371, 3372.

BIOL 5312/CHEM 5312 (3)

**PHYSICAL BIOCHEMISTRY**

Physical chemistry of macromolecules and biological membranes, with an emphasis on the thermodynamics of solutions. Prerequisites: BIOL 1401, 1402; MATH 1338; CHEM 3372; CHEM/BIOL 5310. (CHEM 5381 or 5383 is recommended.)

BIOL 5325 (3)

**GENERAL AND MOLECULAR VIROLOGY**

Emphasis on the molecular aspects of viral replication and pathogenesis, including the roles of viruses in emerging human infectious diseases, cancer, and bioterrorism. Prerequisites: C- or better in BIOL 3304 and junior standing.

BIOL 5358 (3)

**ECOLOGY OF PARASITISM**

The biotic and abiotic factors influencing parasite communities. Emphasis on the free-living stages of parasites. 2 hours of lecture and one 3-hour laboratory each week. Prerequisite: BIOL 3354.

BIOL 5359 (3)

**HOST-PARASITE RELATIONSHIPS**

Analysis of host-parasite relations from an evolutionary and ecological viewpoint. Lectures and laboratories conducted at Fort Burgwin in New Mexico. Prerequisite: BIOL 3354. (SMU-in-Taos)

BIOL 5366/GEOL 5366 (3)

**VERTEBRATE ANATOMY AND ORIGINS**

An introduction to vertebrate anatomy with emphasis on structure and function. Additionally, the course examines processes that have affected the diversity of vertebrate organisms, including origination, biogeography, and adaptation. The accompanying laboratory is a co-requisite for biology majors and strongly recommended for all other students. Prerequisites: BIOL 1401, 1402 or GEOL 1308. Corequisite: BIOL 5166/GEOL 5166.

## Chemistry

[www.smu.edu/chemistry](http://www.smu.edu/chemistry)

Professor Elfi Kraka, Department Chair

Professors: Edward Biehl, John Buynak, Dieter Crèmer, Elfi Kraka, Michael Lattman, Mark Schell, Patty Wisian-Neilson. Associate Professors: Werner Horsthemke, David Son. Assistant Professors: Alexander Lippert, Nicolay Tsarevsky, Brian Zoltowski. Lecturers: Andrea Adams, Helen Babbili. Emeritus Professor: John Maguire.

The atmosphere of the Chemistry Department is an informal one where students have easy access to the faculty. The advanced classes are small and most advanced laboratories are taught by the professorial staff. This gives the faculty the opportunity to get to know their undergraduate student majors quite well. The department believes that this close personal contact between faculty and students is important to success in undergraduate education. Undergraduate majors are heavily involved in research, working in teams with faculty, postdoctoral fellows and graduate students. Our majors are accepted into the leading graduate and professional schools in the nation. On average, two-thirds of our graduates seek advanced degrees. Those with majors at the Bachelor's level who choose employment find excellent positions.

The B.S. degree requires the completion of a minimum of 44 hours in the depart-

Students majoring in other departments may obtain a minor in chemistry by completing CHEM 1303, 1113 and CHEM 1304,1114 plus three additional advanced three- or four-hour courses to be chosen in consultation with the Chemistry Department adviser. Note that organic chemistry courses taken elsewhere generally do not count as advanced hours towards the minor.

CHEM 1113 (1)

GENERAL CHEMISTRY LABORATORY

One three-hour laboratory period each week. Prerequisite or corequisite: CHEM 1303. Withdrawal from CHEM 1113 requires withdrawal from CHEM 1303.

CHEM 1114 (1)

GENERAL CHEMISTRY LABORATORY

One three-hour laboratory period each week. Prerequisite: Chemistry 1113; Prerequisite or corequisite: CHEM 1304.

CHEM 1301 (3)

CHEMISTRY FOR LIBERAL ARTS

A course designed for students with weak backgrounds in chemistry and for liberal-arts students.

CHEM 1303 (3)

GENERAL CHEMISTRY

Designed primarily for science majors, premed students, and engineering students. Offers an introduction to the fundamental principles and theories of chemistry, including stoichiometry, the structure of matter, energy relationships involved in the transformation of matter, the dynamics of such transformations, and some descriptive chemistry of the important elements. It is a prerequisite to all advanced courses in the department. Withdrawal from CHEM 1303, 1304 requires withdrawal from corresponding labs.

CHEM 1304 (3)

GENERAL CHEMISTRY

Designed primarily for science majors, premed students, and engineering students. Offers an introduction to the fundamental principles and theories of chemistry, including stoichiometry, the structure of matter, energy relationships involved in the transformation of matter, the dynamics of such transformations, and some descriptive chemistry of the important elements. It is a prerequisite to all advanced courses in the department. Prerequisite: CHEM 1303 or equivalent. Withdrawal from CHEM 1303, 1304 requires withdrawal from corresponding labs.

CHEM 3117 (1)

ORGANIC CHEMISTRY LABORATORY

One three-hour laboratory period each week. Pre or Corequisite: CHEM 3371.

CHEM 3118 (1)

ORGANIC CHEMISTRY LABORATORY

One three-hour laboratory period each week. Pre or Corequisite: CHEM 3372. Prerequisite: CHEM 3117.

CHEM 3351 (3)

QUANTITATIVE ANALYSIS

A course involving the theory and practice of quantitative analytical chemistry techniques including gravimetric, volumetric, electrochemical, and spectroscopic analyses. Three hours of lecture and two four-hour laboratory periods per week for one-half term. Prerequisites: CHEM

CHEM 4000 (0)

RESEARCH

For students who hold research fellowships but are not enrolled in any credit-hour courses. No tuition.

CHEM 4397 (3)

UNDERGRADUATE RESEARCH

Prerequisites: Junior or senior classification and permission of the instructor.

CHEM 5108 (1)

SPECIAL TOPICS IN CHEMISTRY

Special topics of current interest. Content varies from term to term.

CHEM 5110/BIOL 5110 (1)

BIOLOGICAL CHEMISTRY LABORATORY

One 3-hour laboratory each week. If CHEM 5110 is counted toward a chemistry major or minor, it cannot be counted toward a biological sciences major or minor. Prerequisites: BIOL 1401, 1402. Prerequisite or corequisite: BIOL/CHEM 5310.

CHEM 5185 (1)

LABORATORY METHODS IN PHYSICAL CHEMISTRY

Laboratory experiments with emphasis on thermodynamics, chemical kinetics, and physical biochemistry. One half-hour of lecture and five-hour laboratory period each week for five weeks. Prerequisite: CHEM 5381 or 5383.

CHEM 5188 (1)

ADVANCED PHYSICAL CHEMISTRY LABORATORY

Laboratory experiments with emphasis on chemical kinetics and molecular spectroscopy. One half-hour of lecture and five-hour laboratory period each week for five weeks. Prerequisite: CHEM 5185. Corequisite: CHEM 5384 or permission of instructor.

CHEM 5192 (1)

INORGANIC SYNTHESIS LABORATORY

This course introduces students to advanced techniques and methods used in the synthesis of inorganic compounds. Corequisite (or prerequisite): CHEM 5392.

CHEM 5306 (3)

INTRODUCTION TO COMPUTATIONAL CHEMISTRY

Besides the normal lab experiments, modern chemists/biochemists perform "experiments" on the computer by calculating the outcome of chemical/biochemical reactions. The present course will provide an introduction into this new field in a hands-on fashion. Major quantum chemical packages will be used.

CHEM 5308 (3)

SPECIAL TOPICS IN CHEMISTRY

Presentation of advanced special topics in chemistry that are at the forefront of current chemical interest. Content varies from term to term.

CHEM 5310/BIOL 5310 (3)

BIOLOGICAL CHEMISTRY: MACROMOLECULAR STRUCTURE AND FUNCTION

Introduction to the structure and function of macromolecules of biological importance. Emphasis on nucleic acid and protein hours of lecture each week. If CHEM 5310 is counted toward a chemistry major or minor, it cannot be counted toward a biological sciences major or minor. Prerequisites: BIOL 1401, 1402; CHEM 3371, 3372. The accompanying laboratory (BIOL 5110) is strongly recommended for biology majors.

CHEM 5311/BIOL 5311 (3)

BIOLOGICAL CHEMISTRY: METABOLISM

Introduction to the pathways and regulatory events in the metabolism of carbohydrates, lipids, amino acids, and nucleotides. 3 hours of lecture each week Prerequisites: CHEM 3371, 3372.

CHEM 5312/BIOL 5312 (3)

PHYSICAL BIOCHEMISTRY

Physical chemistry of macromolecules and biological membranes, with an emphasis on the thermodynamics of solutions. Prerequisites: BIOL 1401, 1402; MATH 1338; CHEM 3372; CHEM. (CHEM 5381 or 5383 is recommended.)



CHEM 5317 (3)

**INTRODUCTION TO MOLECULAR MODELING AND COMPUTER ASSISTED DRUG DESIGN**

The course presents a thorough and in-depth overview of methods and techniques in computer assisted drug design (CADD). It includes topics such as drug discovery and drug design, molecular recognition and docking, ligand-receptor interactions, pharmacophore searching, virtual screening, de novo design, molecular graphics, chemometrics, etc.

CHEM 5321 (3)

**UNDERSTANDING CHEMISTRY**

The course focuses on a general understanding of chemistry in terms of models and concepts that describe structure, stability, reactivity and other properties of molecules in a simple, yet very effective way.

CHEM 5322 (3)

**INTRODUCTION TO NANOTECHNOLOGY**

Nanotechnology (NT) is expected to change our lives and society more than computer technology and electricity have done together. The course will provide an introduction to NT. Nano-materials and their applications will be discussed.

CHEM 5333 (3)

**INTRODUCTION TO POLYMER CHEMISTRY**

This course provides basic information on the synthesis, physical properties, and solution properties of high molecular weight molecules. Plastics, manufacturing, and fabrication of polymers are discussed. Prerequisites: CHEM 3371 and 3372.

CHEM 5381 (3)

**PHYSICAL CHEMISTRY**

Introduction to chemical thermodynamics, kinetics, molecular structure, spectroscopy, and statistical mechanics. Designed for B.A. majors in chemistry. Prerequisites: CHEM 1304, 1114, PHYS 1106, 1304, MATH 1337.

CHEM 5383 (3)

**PHYSICAL CHEMISTRY I**

Gas laws; kinetic molecular theory; introduction to thermodynamics, with applications to phase transitions and chemical equilibrium; chemical kinetics. Prerequisites: PHYS 1106, 1304, 1114; MATH 2339 or permission of instructor.

CHEM 5384 (3)

**PHYSICAL CHEMISTRY II**

Elements of quantum mechanics and its description of many – electron atoms, bonding, and spectroscopy; intermolecular forces; structure of solids; and transport properties of fluids. Prerequisite: CHEM 5383.

CHEM 5390 (3)

**ENVIRONMENTAL CHEMISTRY**

An examination of the chemistry of Earth's environment, and of environmental problems caused by anthropogenic activities. Topics include aquatic and soil chemistry, nuclear chemistry, alternative energy, CO<sub>2</sub> neutral, biomaterial and green technologies, atmospheric chemistry and global warming. Prerequisites: MATH 1338, PHYS 1303 and CHEM 1304, 1114. Recommended: PHYS 1304; and CHEM 5381, CHEM 5383, GEOL 6338

CHEM 5392 (3)

**ADVANCED INORGANIC CHEMISTRY**

Survey of the bonding, structure, and reactivity of inorganic compounds; coordination, organometallic, and main group element chemistry. Three hours of lecture each week. Recommended: CHEM 5384.

CHEM 5393 (3)

**ADVANCED ORGANIC CHEMISTRY**

Three hours of lecture each week. Prerequisites: CHEM 3372.

CHEM 5396 (3)

**ADVANCED PHYSICAL CHEMISTRY**

Three hours of lecture each week. Prerequisite: Permission of instructor.

CHEM 5398 (3)

**MEDICINAL CHEMISTRY**

This course will highlight the close relationships of organic chemistry and biochemistry with the field of medicine. The course will rely on the departmental computational laboratory to permit three-dimensional visualization of molecular interactions. Three hours of lecture each week.

Prerequisites: CHEM 3371 and 3372.

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LATN 3324	Advanced Latin Grammar and Composition
LATN 3325	Advanced Latin Readings and Composition
LATN 3326	Advanced Latin Readings: Vergil
LATN 3335	Medieval Latin
RELI 3320	Introduction to Classical Judaism
RELI 3326	Introduction to New Testament
RELI 3349	Early Christianity
RELI 3371	The World of the New Testament

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CLAS 2311/CFA 3311 (3)

**MYTH AND THOUGHT IN THE ANCIENT WORLD**

Explores the conceptual and philosophical underpinnings of ancient understandings of reality in Western and non-Western cultures in both ancient and modern times. Materials for investigation will be primarily textual, including myths, epics, tragedies, and philosophical discourse in ancient Greece.

CLAS 2332/CFA 3332 (3)

**SOCIETY EXPANDING: POLIS AND EMPIRE**

This course presents a case-study approach to the development of cities, civilizations, and empires from the appearance of urbanism in Mesopotamia to the end of the European Middle Ages, with special reference to political, economic, and religious institutions.

CLAS 3311/ARHS 3311 (3)

**MORTALS, MYTHS AND MONUMENTS OF ANCIENT GREECE**

A visual analysis of the rich tapestry of ancient Greek culture, fountainhead of Western civilization, with emphasis on mythological, archaeological, and historical settings in which the art and architecture occur. Touches on various aspects of ancient Greek life including religious practices, Olympic contests, theatrical performances, and artistic perfection, among others.

CLAS 3312/CFB 3312 (3)

**CLASSICAL RHETORIC**

Readings in the Ancient Sophists, Plato, Aristotle, Isocrates, Cicero, Quintilian, Longinus, and St. Augustine; study of the intellectual foundations of the Western world.

Earth Sciences

[www.smu.edu/earthsciences](http://www.smu.edu/earthsciences)

Professor Robert Gregory, Department Chair

Professors: David Blackwell, Robert Gr

Earth science is an interdisciplinary, applied science that integrates well with other fields. It attracts students with broad interests in geology, chemistry, biology, environmental science, archaeology, astronomy, oceanography, engineering, applied mathematics or physics. The department strongly encourages combined majors. In addition to combinations with the above fields, many undergraduate Earth science majors have double majors or minors in business (especially finance, real estate or marketing), economics, pre-law, computer science, archaeology, world languages, English, history, journalism and pre-med.

Academic programs are tailor-made to the educational and career objectives of each student. Because of the heavily funded active research programs within the department and their close ties with the Dallas geological community, students often receive excellent pre- and post-graduation employment opportunities. The department also has some financial aid available for undergraduate majors, including

Requirements for the B.S. Degree.

A minimum of 36 hours in Earth sciences and

	Credit Hours
GEOL Courses:	24
One from GEOL 1301, 1305, 1307, 1313, 1315	
GEOL 3340, 3451, 3452	
GEOL 3454, 5320, 5392	
Earth Science Electives	9
(at the 3000 level or above; one must be a geophysics course)	
Required Support Courses:	30
CHEM 1303/1113	
PHYS 1303/1105, 1304/1106	
MATH 1337, 1338, 2339, 2343, 3337, 3353	
	63

Notes:

## Notes:

Experience with a modern scientific computing language is essential and can be gained in a course such as GEOL 3359 Computer Methods in Earth Sciences. The requirements for the resource geology major are considered minimal. Students should consult a faculty adviser for recommendations on additional coursework that best fits their goals.

The minor in environmental Earth sciences is designed with a two-course geology core as background to an interdisciplinary course of study. The minor is freestanding and is not intended to feed into a major. Instead, it should provide an excellent and substantive background for students heading into the environmental field from other disciplines. The minor is not suitable for a student majoring or minoring in the earth sciences. The Roy M. Huffington Department of Earth Sciences is responsible for administration of this minor.

Requirements for the Minor. A minimum of 17 hours, to be selected from the following, with at least nine hours at the 3000 level or above:

	Credit Hours
One from GEOL 1301, 1305, 1307, 1308, 1313, 1315	3
One from GEOL 3330, 3340, 3353, 3363, 3366	3
Any four from the following:	11–12
GEOL 1315, 3241–43, 3307, 3330, 3340, 3343, 3353, 3363, 3366, 5384, 5386 (if not taken for the requirements above)	
BIOL 1305, 3307, 3342	
CEE 5311	
	17–18

GEOL 1100 (1), 1200 (2), 1300 (3)  
EARTH SCIENCES ABROAD  
Courses offered in SMU-approved internatio

GEOL 1308 (3)

**EVOLUTION AND LIFE HISTORY**

Evolution as observed in the fossil record in light of biological principles. Evolution as a process, origins of life, adaptation, and extinction, emphasizing examples from the geological record. One 4-hour field trip each week. Recommended for the paleontology track.

GEOL 1313 (3)

**EARTHQUAKES AND VOLCANOES**

Seismic and volcanic activities are two important manifestations of plate tectonics on the earth. They are also two major natural hazards affecting humankind. This course emphasizes the geologic insights provided by earthquakes and volcanoes, and their impact on society.

GEOL 1315 (3)

**INTRODUCTION TO ENVIRONMENTAL SCIENCE**

Fundamental principles of ecology, hydrology, geology, population dynamics, land-use management, and related fields are used as the basis for understanding many of the major environmental issues that face our planet: greenhouse climate changes, soil and water pollution, acid rain and related atmospheric pollution problems, habitat destruction and species extinctions, waste disposal, land-use management, energy resource development, geologic hazards, and others. 3 hours of lecture and one 2-hour laboratory. Field trips take the place of some laboratory classes.

GEOL 2320 (3)

**SOUTHWESTERN ENVIRONMENTS: A GEOLOGICAL APPROACH**

Practice of the scientific method by investigation of the processes affecting geologic and environmental change in the southwestern United States. Offered only through the SMU-in-Taos program. Course will satisfy either the laboratory science requirement (2320) or the second-term writing requirement (2321). Either course can fulfill a 1300-level geology major or minor course requirement.

GEOL 2321 (3)

**SOUTHWEST ENVIRONMENTS: A GEOLOGICAL APPROACH**

Practice of the scientific method by investigation of the processes affecting geologic and environmental change in the southwestern United States. Offered only through the SMU-in-Taos program. Course will satisfy either the laboratory science requirement (2320) or the second-term writing requirement (2321). Either course can fulfill a 1300-level geology major or minor course requirement.

GEOL 3100 (1), 3200 (2)

**EARTH SCIENCES ABROAD**

Courses offered in SMU-approved international programs. Prior departmental approval required. May be repeated for credit under different subtitles.

GEOL 3107 (1)

**DEPARTMENTAL SEMINARS**

Students attend and critically evaluate departmental seminars given by visiting scientists, visiting engineers, faculty, and graduate students. Prerequisite: Major in geology, geophysics, or environmental geology.

GEOL 3240 (2)

**GEOLOGY FIELD STUDIES**

Project- and mapping-oriented, two-week field trips to classical geological localities in or outside of the United States. Trips will normally be conducted either during the May Interterm or between terms. Examples of trips planned are to the Caribbean (Cuba, Jamaica, Barbados), the

side of the United States. Trips will normally be conducted either between terms. Examples of trips planned are to the Caribbean (Cuba, Jamaica, Barbados), the



GEOLOGY 3242 (2)

**GEOLOGY FIELD STUDIES**

Project- and mapping-oriented, two-week field trips to classical geological localities in or outside of the United States. Trips will normally be conducted either during the May Interterm or between terms. Examples of trips planned are to the Caribbean, Hawaii, Grand Canyon, Lake Superior/Canada, and New Mexico/Colorado. Prerequisites: One 1300-level course in Earth Sciences and permission of instructor.

GEOLOGY 3243 (2)

**GEOLOGY FIELD STUDIES**

Project- and mapping-oriented, two-week field trips to classical geological localities in or outside of the United States. Trips will normally be conducted either during the May Interterm or between terms. Examples of trips planned are to the Caribbean, Hawaii, Grand Canyon, Lake Superior/Canada, and New Mexico/Colorado. Prerequisites: One 1300-level course in Earth Sciences and permission of instructor.

GEOLOGY 3300 (3)

**EARTH SCIENCES ABROAD**

Courses offered in SMU-approved international programs. Prior departmental approval re-

GEOL 3361 (3), 3363 (3)

**ENVIRONMENTAL GEOLOGY SEMINAR**

Focuses on timely geoscience-based environmental problems. Also, addresses scientific, environmental, political, economic, legal, and social aspects of potential solutions through selected readings, seminars, guest speakers, and research projects. Prerequisite: One 1300-level Earth sciences course or permission of instructor.

GEOL 3366 (3)

**ENVIRONMENTAL GEOLOGY AND GEOCHEMICAL CYCLES**

An introduction to the physical and chemical processes occurring in Earth's atmosphere, oceans, rivers, and groundwater at both a local and a global scale. Prerequisites: High school algebra and chemistry and one 1300-level course in Earth sciences.

GEOL 3369/BIOL 3369 (3)

**PALEOBIOLOGY**

A survey of biological diversity, phylogenetic analysis, rates of evolution, extinction, biogeography, taphonomy, and paleoecology. Prerequisite(s): One 1300-level course in Earth sciences or permission of instructor; BIOL 1401 is also a suitable prerequisite.

GEOL 3374 (3)

**INTRODUCTION TO PETROLEUM GEOLOGY**

An introduction to stratigraphy, sedimentation, and petroleum geology. Prerequisite: One 1300-level course in Earth sciences or permission of instructor.

GEOL 3451 (4)

**EARTH MATERIALS I: MINERALOGY**

The study of minerals and rocks: elementary crystallography; crystal chemistry; mineral structures and physical properties; rock classification and identification of rocks and minerals in hand specimens; principles of mineral optics; identification of minerals in thin sections; and introduction to relationships among rock textures, origins, and rock-forming processes. Prerequisites: One 1300-level course in Earth sciences and credit or registration in CHEM 1301 or 1303.

GEOL 3452 (4)

**EARTH MATERIALS II: PETROLOGY**

Introduction to igneous, sedimentary, and metamorphic petrology in hand specimens, thin sections for optical examination, their interpretation using variation and phase diagrams and in the context of their representation on geologic maps. Prerequisites: One 1300-level

GEOL 4299 (2)

**INTEGRATIVE RESEARCH**

Faculty-supervised independent geoscience research project designed to acquaint the student

GEOL 5320 (3)  
DYNAMIC EARTH I

GEOL 5384 (3)

#### HYDROGEOLOGY

An introduction to the chemical and physical behavior of natural waters and the role of fluids in geologic processes. The course will stress the application of thermodynamics, kinetics, and fluid mechanics to understand such geologic processes as ore formation, sediment diagenesis, isograd formation, acid rain, global warming and groundwater contamination. Prerequisites: MATH 1338 and CHEM 1304, or permission of instructor.

GEOL 5386 (3)

#### GEOCHEMISTRY

A survey of geochemical processes within the Earth and at its surface, emphasizing mineral water interactions and application of the principles of chemical equilibrium to the solution of geochemical problems. Prerequisite: GEOL 3452 or permission of instructor.

GEOL 5389 (3)

#### THEORY OF DIGITAL DATA PROCESSING IN GEOPHYSICS

Linear transform theory, convolution, correlation, linear systems, Shannon sampling theorem, discrete Fourier transform, fast Fourier transform, Z transform, inverse filtering, recursive filtering, optimum filtering, deconvolution, and power spectrum analysis. Prerequisite: MATH 2343 or permission of instructor.

GEOL 5391 (3)

#### POTENTIAL FIELD METHODS IN GEOPHYSICAL EXPLORATION

Introduction to potential theory in geophysics. The emphasis is on gravity and magnetic techniques with a brief introduction to heat flow and electrical methods. Basic concepts and their application to hard- and soft-rock exploration are covered.

GEOL 5392 (3)

#### INTRODUCTION TO SEISMOLOGY

Basic principles of seismology. Prerequisites: MATH 2343 and permission of instructor.

GEOL 5394 (3)

#### GEOPHYSICAL PROBLEM SOLVING

Approaches to problem solving. "Back-of-the-envelope" approximations and dimensional analysis. Analytical solutions and numerical techniques on the computer. Inverse theory and error propagation. Using models in the real world. Term project. Prerequisites: MATH 2343, 5353; knowledge of a programming language.

GEOL 5398 (3)

#### GEOMORPHOLOGY

Analysis of endogenic and exogenic processes that influence the origin or development of planet surfaces, with an emphasis on the Earth's large-scale processes and phenomena. Prerequisite: GEOL 3452 or permission of instructor.

GEOL 5399 (3)

#### SPECIAL TOPICS IN EARTH SCIENCES

Topics of special interest not covered by the regular curriculum, taught by visiting scientists and those with temporary appointments at SMU. Can be cotaught together with faculty of the department. Prerequisite: GEOL 3340 or permission of instructor.

GEOL 5459 (4)

#### SOILS AND PALEOSOLS

This lecture, lab, and field-based course is about modern soil and paleosol (ancient soil) description, classification, and genesis. The course emphasizes environmental controls on soil formation and distribution across Earth's landscapes. Recommended: CHEM 1303, 1304, 1113, 1114, 3351; CEE 4388. Prerequisites: One from GEOL 1301, 1305, 1307, 1308, 1313, 1315; and GEOL 3343, 3451, 3452, 3472.

GEOL 5481 (4)

#### IGNEOUS AND METAMORPHIC PETROLOGY

The origin, occurrence, and classification of igneous and metamorphic rocks. Problems of genesis are considered in the light of chemical equilibria and features of geological occurrence. Lecture and laboratory. Prerequisite: GEOL 3452 or permission of instructor.

Economics

[www.smu.edu/economics](http://www.smu.edu/economics)

Professor Nathan Balke, Department Chair

Professors:

The B.S. degree in economics with systems analysis offers integrated studies in economics, operations research and computer science. It provides excellent preparation for graduate education in economics, business or public administration and for service in both the public and private sectors where quantitative economists

Students may obtain either



ECO 3355/FINA 3330 (3)  
MONEY AND BANKING

Analyzes central and commercial banking for students majoring in economics, business and related sciences. A student may not receive credit for both ECO 3355 (Money and Banking) and FINA 3330 (Money and Capital Markets). Prerequisite: C- or better in ECO 1311 and 1312. Reserved for Economics Majors and Minors and Markets and Cultures Majors only.

ECO 4101 (1), 4201 (2), 4301 (3)

TOPICS

Topics (to be specified in title). Prerequisites: C- or better in ECO 3301 and 3302 or permission of instructor.

ECO 4351 (3)

LABOR ECONOMICS

This course is an introduction to the study of labor economics. It provides an overview of labor supply and labor demand models, with extensions to models of taxes and tax credits, welfare

ECO 4366 (3)

**ECONOMICS OF THE PUBLIC SECTOR**

This course discusses both the positive and normative aspects of government expenditures. The focus is on theoretical principles useful for analyzing the role of government intervention. Problems of market failures due to externalities and the presence of public goods (like national defense) serve as the starting point for explaining why government spending occurs. The free-rider problem and incentive mechanisms for preference revelation will be covered. A brief survey of voting and social choice models is presented. Specific government expenditure policies are explored. These topics may vary from year to year. Prerequisite: C- or better in ECO 3301, and one of the following: STAT 2301, 2331 or 4340.

ECO 4368/FINA 3320 (3)

**FOUNDATIONS OF FINANCIAL ECONOMICS**

This course applies the tools of economic analysis to financial decision-making. Emphasis is placed on developing a framework for understanding the economic nature of these problems and their solutions. Topics include the introduction to financial economics, time value of money, investment decisions, risk and return, capital asset pricing model, capital budgeting, capital structure, dividend policy, hedging, mergers and acquisitions and international financial management. Prerequisite: C- or better in ECO 3301, ECO 3355, ACCT 2301, and ITOM 2305

ECO 4385 (3)

**MACROECONOMICS: THEORY AND POLICY**

The purpose of the course is to take students beyond the traditional macroeconomics course. Among the topics examined are new developments in the analysis of business cycles, the causes and consequences of inflation and the sources of economic growth. Special emphasis is placed on "taking theory to the data," so that students begin to see more clearly how to evaluate current macroeconomic theories and controversies. Prerequisite: C- or better in ECO 3301, ECO 3302 and one of the following: STAT 2301, 2331 or 4340.

ECO 4386 (3)

**TOPICS IN MONETARY ECONOMICS**

Monetary economics is one of the largest fields in economics. Rather than touching on a large number of topics, this course will provide students who have had intermediate macroeconomics with a course where fewer topics in monetary economics are covered intensively at a more advanced level. The course will take an in-depth look at selected topics of current interest in the field of monetary theory and policy. The topics covered vary from year to year. Prerequisite: C- or better in ECO 3301, ECO 3302 and one of the following: STAT 2301, 2331 or 4340.

ECO 4390 (3)

**INDEPENDENT STUDY IN ECONOMICS**

By arrangement with departmental Director of Undergraduate Studies. Eligible students undertake a research paper under the supervision of the faculty sponsor and give an oral presentation of the paper. Note: This course can only be taken once. Prerequisites: ECO 3301, ECO 3302, two advanced economics classes (4000 level or above), and a 2.5 G.P.A. in economics classes, and one of the following: STAT 2301, 2331 or 4340.

ECO 4391 (3)

ECO 4399 (3)

**RESEARCH/READING SEMINAR IN ECONOMICS**

The research/reading seminar is designed for honors students and other exceptional undergraduate students at the junior or senior level who would like to investigate a select number of topics in economics in great depth. Under the guidance of a faculty member, the students will read a number of professional journal articles and books in economics and discuss the assigned readings in a seminar format. Note: This course can only be taken once. Prerequisites: ECO 3301, 3302, 3.5 G.P.A. in economics classes (or related major), 3.0 G.P.A. overall, or permission of instructor, and one of the following: STAT 2301, 2331 or 4340.

ECO 5101 (1), 5201 (2)

**TOPICS**

Topics (to be specified in title). Prerequisites: C- or better in ECO 3301, 3302, and one of the following: STAT 2301, 2331 or 4340.

ECO 5301 (3)

**TOPICS**

Topics (to be specified in title). Prerequisite: C- or better in ECO 3301, 3302 and one of the following: STAT 2301, 2331 or 4340, or graduate standing.

ECO 5320 (3)

**HEALTH ECONOMICS**

An introduction to the economics of health and health care policies and how they have affected the structure, function, and cost-effectiveness of the health care industry, principally in the United States. Prerequisites: C- or better in ECO 3301.

ECO 5337 (3)

**URBAN ECONOMICS**

This course applies economic concepts to an understanding of urban form, urban growth, trends in size and structure of urban areas, and the predominant urban public issues of transportation, housing, land-use planning, and environmental controls. This course provides an opportunity to study particular topics in depth. Prerequisite: C- or better in ECO 3301, and one of the following: STAT 2301, 2331 or 4340.

ECO 5340 (3)

**DECISION-MAKING UNDER UNCERTAINTY**

Provides a basis for the modeling of decision-making under conditions of incomplete information. Prerequisite: C- or better in ECO 3301, 3302 and one of the following: STAT 2301, 2331 or 2340.

ECO 5341 (3)

**STRATEGIC BEHAVIOR**

This course introduces the basic concepts and tools of game theory, with applications to various areas of economics. In particular, we study how individuals and firms behave when they are well aware that their decisions affect the behavior of others. The areas of application are numerous and diverse: technology adoption, bargaining between labor unions and management, insurance, welfare policies, optimal pricing and location, division of an estate, strategy on the battlefield, etc. The various topics are unified by the techniques employed for determining the outcome in particular situations. Prerequisite: C- or better in ECO 3301, and one of the following: STAT 2301, 2331, or 4340, or graduate standing.

ECO 5342 (3)

**EXPERIMENTAL AND BEHAVIORAL ECONOMICS**

Students study the field of behavioral economics in which the underlying assumptions of economics models are tested using experimental techniques. Guided by behavioral regularities, new models of behavior are introduced. Prerequisites: C- or better in ECO 3301. Recommended: ECO 5341, 5350.

ECO 5350/STAT 5350 (3)

**INTRODUCTORY ECONOMETRICS**

This course presents the basic concepts of econometrics and, in particular, regression analysis, with topics geared to first-time regression users. It provides students with the skills and insight necessary for conducting their own regression analysis in general. Emphasis is on the applica-

tion of regression analysis to inference and





The department strongly recommends 12 hours of world language for all English majors. Students expecting to undertake graduate study in English should be advised that graduate schools require knowledge of at least one world language.

Secondary-school certification candidates must fulfill the departmental requirements described above. They should consult the departmental advisers on teacher training about further nondepartmental requirements for certification. (Revisions of



Medieval (20–29)	ENGL 1320, 3320, 3329, 4320, 4321, 4323
Early Modern (30–39)	ENGL 1330, 3330–32, 3335, 4330–33, 4336, 4339
Age of Revolutions (40–49)	ENGL 3340, 3341, 3344–48, 4340, 4341, 4343, 4345, 4346, 4349
Modern to Contemporary (50–69)	ENGL 1360, 1362, 1363, 1365, 2361, 3350, 3354, 3355, 3359, 3360, 3362–68, 4350, 4351, 4356, 4360, 4369
Other Literature/Language Courses (70–89 )	ENGL 1370, 1380, 1385, 2371, 3189, 3370, 3371, 3373–83, 3389, 4370, 5378, 5381
Creative Writing (90–99)	ENGL 2391, 2392, 3391, 3392, 4391, 4392, 4393, 4394, 4395, 4396, 4397, 4398

ENGL 1385 (3)

**POWER, PASSION, AND PROTEST IN BRITISH LITERATURE**

A survey of the history of British literature, from its medieval beginnings to the 20th century, with emphasis on literature as an instrument of power and desire.

ENGL 2302 (3)

**BUSINESS WRITING**

Introduction to business and professional communication, including a variety of writing and speaking tasks, and the observation and practice of rhetorical strategies, discourse conventions, and ethical standards associated with workplace culture. Prerequisite: DISC 1312, or 1315, or 2305; or ENGL 1301 or 2305; or departmental approval.

ENGL 2310 (3)

**IMAGINATION AND INTERPRETATION**

An introduction to literary studies based on topics that will vary from term to term. Prerequisite: DISC 1312, or 1315, or 2305; or ENGL 1301 or 2305; or departmental approval.

ENGL 2311 (3)

**POETRY**

Analysis, interpretation and appreciation of poetry, with attention to terms and issues relevant to the genre. Prerequisite: DISC 1312, or 1315, or 2305; or ENGL 1301 or 2305; or departmental approval.

ENGL 2312 (3)

**FICTION**

Analysis, interpretation and appreciation of fiction, with attention to terms and issues relevant to the genre. Prerequisite: DISC 1312, or 1315, or 2305; or ENGL 1301 or 2305; or departmental approval.

ENGL 2313 (3)

**DRAMA**

Analysis, interpretation, and appreciation of dramatic works, with attention to terms and issues relevant to the genre. Prerequisite: DISC 1312, or 1315, or 2305; or ENGL 1301 or 2305; or departmental approval.

ENGL 2314 (3)

**DOING THINGS WITH POEMS**

Introduction to the study of poems, poets, and how poetry works, focusing on a wide range of English and American writers. Some attention to matters of literary history. Open only to students in the University Honors Program. Prerequisite: DISC 1312, or 1315, or 2305; or ENGL 1301 or 2305; or departmental approval.

ENGL 2315 (3)

**INTRODUCTION TO LITERARY STUDY**

An introduction to the discipline for beginning English majors, covering methods of literary analysis in selected texts spanning a range of genres and historical periods. Prerequisite: DISC 1312, or 1315, or 2305; or ENGL 1301 or 2305; or departmental approval.

ENGL 2322 (3)

**GUILTY PLEASURES**

Examination of classic and not-so-classic detective fiction from Sophocles to the present, focusing primarily on 19th- and 20th-century British and American traditions. Prerequisite: DISC 1312, or 1315, or 2305; or ENGL 1301 or 2305; or departmental approval.

ENGL 2361 (3)



ENGL 3329/CF 3302/MDVL 3329 (3)  
THE WORLD OF KING ARTHUR

Study of Britain's greatest native hero and one of the world's most compelling story stocks: the legends of King Arthur and the Knights of the Round Table. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3330 (3)  
TOPICS IN EARLY MODERN LITERATURE

Study of a theme, issue, or topic in British literature circa 1500–1775, varying by term. May be repeated for credit under a different subtitle. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3331 (3)  
BRITISH LITERARY HISTORY I: CHAUCER TO POPE

Introduction to earlier periods of English literature through the study of major authors in their historical context and from varied critical and thematic perspectives. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3332 (3)  
SHAKESPEARE

Studies of Shakespeare's major works in context with English history, society, and culture, including literary and theatrical conventions and practices. Topics vary by term; may be repeated for credit under different subtitle. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3335 (3)  
TRANSATLANTIC ENCOUNTERS I

Comparative studies in British and American literature during the Early Modern period (c. 1500–1775), with attention to issues of first contact, colonization and cultural interrelations. Topics vary by term; may be repeated for credit under different subtitle. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3340 (3)  
TOPICS IN BRITISH LITERATURE IN THE AGE OF REVOLUTIONS

Study of a theme, issue, or topic in British literature circa 1775–1900, varying by term. May be repeated for credit under a different subtitle. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3341 (3)  
BRITISH LITERARY HISTORY II: WORDSWORTH THROUGH YEATS

Introduction to later periods of English literature through the study of major authors in their historical context and from varied critical and thematic perspectives. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3344 (3)  
VICTORIAN GENDER

Through an exploration of fiction, poetry, drama, and other writing from the Victorian period, this course considers why so much of the literature

ENGL 3347 (3)

**TOPICS IN AMERICAN LITERATURE IN THE AGE OF REVOLUTIONS**

Study of a theme, issue or topic in American literature from c. 1775–1900, varying by term. May be repeated for credit under different subtitle. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3348/CFA 3374 (3)

**HISTORY OF THE BOOK IN AMERICA, 1620–1900**

A multidisciplinary survey of print culture in the United States, exploring literary, historical, technological, legal and sociological factors that shaped the formations, uses and dynamics of print in our society. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3350 (3)

**TOPICS IN MODERN AND CONTEMPORARY BRITISH LITERATURE**

Study of a theme, issue, or topic in British literature from c. 1900 to the present, varying by term. May be repeated for credit under different subtitle. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3354 (3)

**NON-WESTERN CULTURE AND LITERATURE**

Major 20th-century “third world” literary and cultural texts with emphasis on political and economic contexts of colonialism and post-colonialism. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3355 (3)

**TRANS-ATLANTIC ENCOUNTERS III**

Comparative studies of British and American writing in the period of Modern and Contemporary literature (c. 1900 to the present), with attention to cultural interrelations during the period. Topics vary by term; may be repeated for credit under different subtitle. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3359/CF 3359 (3)

**AMERICAN NARRATIVES OF DISCOVERY**

This course focuses on the generic process of culture, integrating methods from various disciplines. It considers aesthetic questions about how narratives engage in intercultural dialogue, and ethical questions about the implications of ongoing American “discoveries” of the Southwest. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3360 (3)

**TOPICS IN MODERN AND CONTEMPORARY AMERICAN LITERATURE**

Study of a theme, issue or topic in American literature from c. 1900 to the present, varying by term. May be repeated for credit under different subtitle. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3362 (3)

**AFRICAN AMERICAN LITERATURE**

Major African-American writers and their works, and various social and historical influences. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3363 (3)

**CHICANA/CHICANO LITERATURE**

A broad examination of major 20th-century Mexican-American writers and their works in the context of various social, geographic, political, and historical influences. Some knowledge of Spanish is helpful to students but is not a prerequisite for the course. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3364/WGST 3370/CF 3370 (3)

**WOMEN AND THE SOUTHWEST**

A study and exploration of women writers, artists and thinkers in the American Southwest and their vision of this region as singularly hospitable to women’s culture. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3365 (3)

**JEWISH AMERICAN LITERATURE AND CULTURE**

An interdisciplinary introduction to Jewish culture through literature, especially in the American environment, as well as to the issues in studying any distinctive ethnic and cultural literature. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3366 (3)

**AMERICAN LITERARY HISTORY II**

Introduction to later periods of American literature through the study of major authors in their historical context and from varied critical and thematic perspectives. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3367/CF 3364 (3)

**ETHICAL IMPLICATIONS OF CHILDREN'S LITERATURE**

Examination of children's literature with emphasis on notions of morality and evil, including

ENGL 3377 (3)

**LITERATURE AND THE CONSTRUCTION OF HOMOSEXUALITY**

Examination of same-sex desire in modern literature, as considered in the context of philosophical, religious and scientific texts since the ancient world. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3378 (3)

**STUDIES IN THE ENGLISH LANGUAGE**

Linguistic introduction to history of English and to present day American English as spoken and written. Topics include theory and description, basic grammatical structures, and their application to writing and regional and stylistic variation. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3379/CFA 3379 (3)

**LITERARY AND CULTURAL CONTEXTS OF DISABILITY: GENDER, CARE AND JUSTICE**

An examination of disability as a cultural construct, with attention to how literary, ethical and political representations bear upon it, and in relation to gender, race and class issues. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3380/CF 3380 (3)

**THE LITERATURE OF VISION**

An examination of the ways in which prophets and imaginative writers have sought to communicate the source, content, and meaning of "things invisible to mortal sight," whether as a consummation of or a challenge to the leading ideas of their time. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 3381 (3)

**SEMIOTICS OF CULTURE**

Analysis of form, technique and meaning in literary and textual representation, in comparison – or conjunction – with other representational media such as painting, photography, cinema. Topics will vary by term; may be repeated for credit under different subtitle. Prerequisite: DISC 1313 or 2306, ENGL 1302 or 2306, or departmental approval.

ENGL 4320 (3)

**MEDIEVAL WRITERS**

Intensive study of one or two medieval writers. May be repeated for credit under different subtitle. Prerequisite: 12 hours of English, including ENGL 2311 or 2314 and including 2315 (excluding DISC 1311, 1312, 1313, 1315, 2305, and 2306, or equivalent).

ENGL 4321 (3)

**STUDIES IN MEDIEVAL LITERATURE**

Advanced study of medieval literature focused on a specified problem, topic or theme. May be repeated for credit under different subtitle. Prerequisite: 12 hours of English, including ENGL 2311 or 2314 and including 2315 (excluding DISC 1311, 1312, 1313, 1315, 2305, and 2306, or equivalent).

ENGL 4323 (3)

**CHAUCER**



ENGL 4341 (3)

VICTORIAN WRITERS

Intensive study of one or two major British writers from the period. May be repeated for credit under different subtitle. Prerequisite: 12 hours of English, including ENGL 2311 or 2314 and



## ENVIRONMENTAL SCIENCE

[www.smu.edu/esp](http://www.smu.edu/esp)

Professor John Walther, Director

The natural systems that constitute Earth's environment are in continuous mutual interaction. These interactions occur on spatial scales that range from microscopic to global and on temporal scales that range from fractions of a second to millions of

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Credit Hours

Core Courses Physics:



Environmental Studies

[www.smu.edu/environmentalstudies](http://www.smu.edu/environmentalstudies)

Professor John Walther, Director

## Natural Sciences and Statistics (continued)

- BIOL 3310 Ecology and Human Impact in the North/Baltic Seas  
(SMU-in-Copenhagen)
- BIOL 3342 Plant Kingdom
- BIOL 3343 Field Botany (SMU-in-Taos)
- CEE 2421 Aquatic Chemistry
- ENSC 3313 Techniques in Wildlife Management (SMU-in-Kenya)
- GEOL 3330 Resources and the Environment
- GEOL 3340 Face of the Earth
- GEOL 3359 Computer Methods in Geological Sciences
- GEOL 3363 Environmental Geology Seminar
- GEOL 3366 Environmental Geology and Geochemical Cycles
- GEOL 3472 Principles of Sedimentation
- GEOL 5370

ENST 1100 (1), 1200 (2), 1300 (3)

**ENVIRONMENTAL STUDIES ABROAD**

Courses offered in SMU-approved international programs. Prior departmental approval required. May be repeated for credit under different subtitles.

ENST 2100 (1), 2200 (2), 2300 (3)

**ENVIRONMENTAL STUDIES ABROAD**

Courses offered in SMU-approved international programs. Prior departmental approval required. May be repeated for credit under different subtitles.

ENST 3100 (1), 3200 (2), 3300 (3)

**SPECIAL TOPICS ABROAD**

Courses offered in SMU-approved international programs. Prior departmental approval required. May be repeated for credit under different subtitle. Maximum of 6 credit hours permissible towards the B.A. in Environmental Studies.

ENST 3311 (3)

**PRINCIPLES OF RESOURCE MANAGEMENT**

Class will introduce practical tools used in addressing complex environmental problems including coastal zone planning, guidelines for ecologically sustainable development, environmental impact assessment, fisheries management, and protected area planning and management. (SMU-in-Costa Rica only)

ENST 3315 (3)

**ENVIRONMENTAL POLICY AND SOCIOECONOMIC VALUES**

Class will introduce students to the major constituencies that effect African conservation (non-governmental conservation groups, economic interests, etc.) and their underlying philosophies. Students will learn to determine effective approaches to resource management. (SMU-in-Kenya only)

**Ethnic Studies**

Professor Kenneth Hamilton, Director

The Ethnic Studies Program offers an interdisciplinary program that examines the African-American and Mexican-American experiences through the social sciences and humanities. The program offers instruction in important periods of African, Mexican and American history, probing the roots of traditions beginning in early African and pre-Columbian cultures, as well as examining minorities in contemporary U.S. society.

This program provides good SCostE1 T5d(rieu.2(t)10.0(wi)-TD .03 in c)620.736m.mInctt



Courses to fulfill the requirements for the above should be selected in consultation with the director.

I. Bachelor of Arts. The B.A. option focuses more on the humanities than on the social sciences and, consequently, requires less work in methodology and statistics.

A. Foundation. Six hours are required of all students majoring in ethnic studies.  
 ETST 2301 (SOC1 3305, CFA 3310) Race and Ethnicity in the U.S.  
 SOC1 3370 Minority-Dominant Relations

B. Basic Courses. A total of 18 hours comprised of the minor in African and African-American studies, and 19 hours comprised of the minor in Mexican-American studies form the basis of the ethnic studies major.

i. African and African-American studies minor (nine of the 18 hours required must be at the 3000 level or above):

a. Nine hours of core courses are required.

HIST 2392 Modern Africa

HIST 3313 African Americans in the United States, 1607–1877

HIST 3314 African Americans in the United States, 1877–Present

b. A total of nine hours of additional basic courses, of which six hours must be outside history.

ANTH 3314 Peoples of Africa

ARHS 3390 Traditional Arts of Africa

ENGL 3362 African-American Literature

HIST 2391 Africa to the 19th Century

HIST 3304 Blacks and the Civil Rights Movement

HIST 3378 Problems in African History

HIST 3388 The African-American Urban Experience, 1865–1980

HIST 5341 Seminar in American History: African Slavery in the U.S.

MUHI 3340 Jazz: Tradition and Transformation

ii. Mexican-American studies minor (10 of the 19 hours required must be at the 3000 level or above):

C. Cross-Cultural Requirement. Ethnic studies majors in the African and African-American option are required to take three hours in Mexican-American studies. Majors in the Mexican-American studies option are required to take three hours in African-American studies.

D. Supporting Courses. A total of six hours of other courses related to ethnicity must be selected from the following:

ANTH 3353 Indians of North America

ANTH 3361 Language in Culture and Society

ANTH 3368 (SOCI 3368) Urban Life: A Cross-Cultural Perspective

ENGL 1365 Literature of Minorities

ENGL 3354

History

[www.smu.edu/history](http://www.smu.edu/history)

Professor Kathleen Wellman, Department Chair

Professors: Jeremy Adams, John Chávez, Dennis Correll, Edward Countryman, Neil Foley, James Hopkins, Daniel Orlovsky, Sherry Smith, William Tsutsui, Kathleen Wellman. Associate Professors:

HIST 1301-02, 1311-12, 4300, 4375-76, 4397-99

HIST 1321, 2311-12, 2318, 2339, 2380, 2390,  
2398, 3301, 3304-14, 3316, 3318-22, 3324,  
3336, 3338-39, 3342, 3346-48, 3362, 3364,  
3369-70, 3372, 3379, 3384, 3388, 3391, 3394,  
3399, 3401, 4304, 4353-54, 5330-31, 5340-41,  
5344-45, 5350

HIST 1303, 1322, 2321, 2323, 2346, 2353-54,  
2365-66, 3302-03, 3329-30, 3332-35, 3337,  
3340-42, 3344-45, 3350-61, 3363, 3365-68,  
3373-76, 3383, 3385, 3397, 4319, 4363, 4369,  
4380-81, 4384-85, 5364, 5367, 5370-76, 5378,  
5390-92

HIST 2384-85, 3317, 3320-21, 3380, 3382,  
4380-81, 5330-31, 5382



HIST 1323 (3)

FIRST-YEAR SEMINAR IN NON-WESTERN HISTORY

Offers the beginning student the opportunity to explore particular topics in Non-Western history intensively in a small class setting.

HIST 2100 (1), 2200 (2)

HISTORY STUDIES ABROAD

SMU credit for History courses taken in University-approved programs abroad.

HIST 2311 (3)

OUT OF MANY: U.S. HISTORY TO 1877

Growth of American civilization. General survey, with particular attention to social and political aspects. Open to first-year students.

HIST 2312 (3)

UNFINISHED NATION: U.S. HISTORY SINCE 1877

Growth of American civilization. General survey, with particular attention to social and political aspects. Open to first-year students.

HIST 2318/CFB 3318 (3)

SCHOOLS AND SOCIETY: THE EVOLUTION OF AMERICA'S PUBLIC SCHOOL SYSTEM

An interdisciplinary exploration of America's public school system from the Colonial period to the present with emphasis on changing relationships between schools, families, and changing social and political ideals.

HIST 2321 (3)

PHILOSOPHICAL AND RELIGIOUS THOUGHT IN THE MEDIEVAL WEST THP1.136 7ly( of th kel

HIST 2366 (3)

**EUROPE IN THE MODERN WORLD, 1760 TO PRESENT**

A continuation of HIST 2365.

HIST 2379 (3)

**A HISTORY OF ISLAMIC EMPIRES**

This course introduces students to the history of various Islamic Empires and covers the period from 600 to 1750.

HIST 2380/CFA 3380 (3)

**ETHNIC REGIONS IN THE WESTERN WORLD**

An interdisciplinary course that examines the ways regional ethnic minorities such as the Basques, Quebecois, and Chicanos have functioned within larger societies in Western Europe and North America.

HIST 2384/CFA 3318 (3)

**LATIN AMERICA: THE COLONIAL PERIOD**

An introductory survey covering the development of Latin-American society from prediscovery to the early 19th century.

HIST 2385/CFA 3319 (3)

**LATIN AMERICA IN THE MODERN ERA**

An introductory survey beginning with the 19th-century wars of independence from Spain and Portugal and emphasizing the 20th century as the new nations struggle for political stability and economic independence.

HIST 2390 (3)

**CIVILIZATION OF INDIA**

Introduction to the history, society, and cultural features of South Asia from the third millennium BCE to the modern day.

HIST 2391 (3)

**AFRICA TO THE 19TH CENTURY**

History of Africa south of the Sahara, focusing on culture and social organization, the Bantu migrations, African kingdoms, contacts with the world, Islam, and the slave trade.

HIST 2392 (3)

**MODERN AFRICA**

An introduction to the history of Africa since 1800. Focuses on a number of themes to enable a better understanding of the recent past of this vast continent. Major topics include 19th-century social, political, and economic revolutions in Southern and West Africa, the incorporation of the continent into the capitalist world economy, class formation under colonial rule, the rise of nationalism, and the politics of liberation.

HIST 2393 (3)

**JAPAN BEFORE 1850**

Japan from its origins through the Tokugawa period. Themes include the military and the emperor in the polity; religions in society and culture; and the continuous, contested creation of identity.

HIST 2394/WL 3397 (3)

**CHINA BEFORE 1850**

Examines changes and continuities from Neolithic times to 1850 in Chinese state, society, and religion, and the relations among the three spheres, through scholarly writings and primary sources.

HIST 2395/WL 3398 (3)

**MODERN EAST ASIA**

A survey of modern East Asia emphasizing an outline of the traditional societies, the Western impact, Japanese industrialization and imperialism, Pearl Harbor, and the rise of Chinese communism.

HIST 2398 (3)

**AMERICAN POLITICS AND CULTURE, FDR TO OBAMA**

Examines life and culture in modern America.

HIST 3100 (1), 3200 (2), 3300 (3)

**HISTORY STUDIES ABROAD**

SMU credit for History courses taken in University-approved programs abroad.

HIST 3301/CF 3317/HRTS 3301 (3)  
HUMAN RIGHTS: AMERICA'S DILEMMA

HIST 3313 (3)

**AFRICAN AMERICANS IN THE UNITED STATES, 1607–1877**

Examines the people of the African continent, uprooted and enslaved, who continually grappled with the problem of how to preserve their dignity and identity in a hostile environment. The African Americans' adjustment to American society, their exterior struggle against political oppression, the interior nature of their group life, and the development of black institutions are critical to the course's concerns.

HIST 3314 (3)

**AFRICAN AMERICANS IN THE UNITED STATES, 1877 TO THE PRESENT**

Particular attention will be given to Populism, disfranchisement, segregation and lynching, black leadership ideologies, the influence of mass migrations, the impact of the Great Depression and two world wars on black life, the quest for equality in the 1950s and the Civil Rights Movement in the 1960s, and the flowering of black culture and nationalism.

HIST 3315 (3)

**MODERN SOUTH ASIA: COLONIALISM AND NATIONALISM**

Political history of South Asia from the eighteenth century onwards, focusing on the period of British colonial rule, nationalist movements, and independence.

HIST 3316/CF 3311 (3)

**HISTORY OF SEX IN AMERICA**

This course will test the hypothesis that gender and sexuality are constructed categories. Readings in anthropology, history, literary criticism, and psychiatry will be utilized.

HIST 3317 (3)



HIST 3326/CF 3310 (3)  
VENTURE OF ISLAM

An introduction to Islamic civilization through an examination of Islamic history and society, arts and letters, and science, as well as philosophy and the legal order. Considers the response of Islam to the challenge posed by the West.

HIST 3327 (3)  
WOMEN IN AMERICAN HISTORY FROM 1900 TO THE PRESENT

Surveys the history of American women from 1900 to the present and introduces the major themes organizing this period of U.S. women's history.

HIST 3329/CF 3322 (3)  
WOMEN IN EARLY MODERN EUROPE

A study of the influence of women in European society and intellectual movements from the Renaissance through the Enlightenment.

HIST 3330 (3)  
WOMEN IN MODERN EUROPEAN HISTORY

An exploration of the role of women in European society, from the cultures of Crete and Sumer to the present.

HIST 3332 (3)  
ANCIENT AND MEDIEVAL FRANCE

An exploration of selected themes that dominate the current history, archaeology and historiography of ancient and medieval France, from

HIST 3340 (3)

**THE REVOLUTIONARY EXPERIENCE IN RUSSIA: 1900–1930**

The effects of the breakdown of the old regime and the establishment of Soviet power on Russian society and culture. Examines the evolution of political and social institutions, ideologies, literature and the arts against the backdrop of the era's turbulent political history.

HIST 3341 (3)

**SOVIET/POST-SOVIET SOCIETY AND POLITICS 1917 TO PRESENT**

Soviet/Russian/Eurasian experience from historical, ethnographic, economic, social, and cultural perspectives, beginning with the present and going back to the roots of the Soviet state and society in the Revolutionary experience, 1917–1921.

HIST 3342/CFB 3383 (3)

**UTOPIAN PERSPECTIVE ON THE AMERICAN SOUTHWEST**

An exploration of several approaches to the development of the distinctive human "landscape" of the American Southwest when the region became a "homeland of the imagination" for those fleeing the modern, industrial culture of the West.

HIST 3344/CF 3394 (3)

**THE OXFORD LANDSCAPE: FROM THE STONE AGE TO THE TUDORS**

An exploration of several approaches to the development of the distinctive human "landscape" of the Upper Thames Valley and the city that gradually became its metropolis, from the Paleolithic era to the end of the Middle Ages. (SMU-in-Oxford)

HIST 3345 (3)

**ENGLAND IN MEDIEVAL AND EARLY MODERN TIMES**

Treats selected themes in the history of England to 1688, with special attention to formative periods and developments in the evolution of the English state. (SMU-in-Oxford)

HIST 3346 (3)

**THE 20TH-CENTURY AMERICAN WEST**

Examines the American West in the 20th century, emphasizing major social, economic and political themes of the region's last one hundred years. Explores the characteristics that distinguish the West from other American regions and investigates its continued significance to American history.

HIST 3347 (3)

**CIVIL WAR AND RECONSTRUCTION**

Examines the institution of slavery, the events leading to the Civil War, the War itself, and the subsequent efforts at Reconstruction.

HIST 3348/CFA 3348 mic and

HIST 3354 (3)

**WARFARE AND DIPLOMACY IN ANTIQUITY**

A study of the methods both of waging and of averting war in antiquity.

HIST 3355/CF 3325 (3)

**CLASS AND GENDER IN ANCIENT SOCIETY**

An examination of class and gender in the ancient world with special emphases on changing definitions of masculinity and femininity in Greek and Roman culture and the position, rights and interaction of different groups (e.g., free and slave, citizen and foreigner, soldier and civilian).

HIST 3356 (3)

**THE INDIVIDUAL AND SOCIETY IN ANTIQUITY**

A study of different concepts of the nature of the individual and his relation to society in Homeric and classical Greece and republican and imperial Rome.

HIST 3357/CF 3363/ENGL 3371 (3)

**JOAN OF ARC: HISTORY, LITERATURE AND FILM**

The life and later reception of the extraordinary peasant girl, Joan of Arc (ca. 1412–1431), who in two years changed the course of European history before she was burned at the stake.

HIST 3358/CF 3313 (3)

**THE RENAISSANCE**

A history of culture in the Renaissance from the perspective of advances in scholarship and science, and above all, in appreciation of social and political contexts.

HIST 3359 (3)

**EUROPE IN THE AGE OF THE REFORMATION, 1520–1598**

The political, economic, religious and cultural history of Europe, including the impact of the Protestant and Catholic reform movements.

HIST 3360 (3)

**ENGLISH SOCIETY IN THE AGE OF ELIZABETH THE GREAT**

Focuses selectively upon key aspects of the social, cultural, religious and intellectual life of Elizabethan England, set against the background of political, economic and diplomatic developments in Europe



HIST 3379/CFA 3325 (3)

**A CULTURAL HISTORY OF NEW MEXICO**

Explores the history of struggles among the state's dominant ethnic groups – Native Americans, Hispanos, and Anglos – over rituals, spaces, and objects. (SMU-in-Taos)

HIST 3380 (3)

**PROBLEMS IN IBERO-AMERICAN HISTORY**

Allows students to study special topics on a comparative or thematic basis. Avoids the strictly national, chronological approach to history in favor of topical organization.

HIST 3381 (3)

**THE FIRST WORLD WAR AND ITS IMPACT**

This course explores the origins as well as the geopolitical, social, cultural, and economic impact of the Great War on Europe and the wider world.

HIST 3382 (3)

**HISTORY OF MEXICO**

Studies pre-Columbian, colonial and independent Mexico. Culture and social developments are stressed.

HIST 3383 (3)

**HABSBURG MONARCHY: MAKING OF EAST CENTRAL EUROPE**

The Habsburg monarchy from its medieval origins through its disintegration at the end of World War I, with emphasis on its enduring legacy to contemporary Europe.

HIST 3384 (3)

**SOCIAL ACTION IN URBAN AMERICA**

An examination of the historical development of social action in American cities and communities, from religious charity organizations of the 19th century to present-day community organizing projects. The course is taught in conjunction with the SMU Inter-Community Experience (ICE) Program and includes a three-hour-per-week community service requirement. Prerequisite: Permission of instructor.





HIST 4385 (3)

**TUDOR AND STUART ENGLAND, 1485 TO 1714**

The emergence of the modern British state and societies in the 16th and 17th centuries.

HIST 4388 (3)

**GEORGIAN AND VICTORIAN ENGLAND**

The history of Georgian and Victorian England 1714–1867.

HIST 4390 (3)

**RADICAL VISION IN EUROPEAN SOCIETY**

A study of the radical vision in European society.

HIST 4397 (3)

**INTERNSHIP IN HISTORY**

An opportunity for students to apply historical skills in a public setting working with a supervisor of the student's work and a professor assessing the academic component of the project. /TTv1



HIST 5371 (3)

THE FRENCH REVOLUTION AND NAPOLEON, 1789–1815

The nature and causes of revolution, the French Revolution, and the career of Napoleon Bonaparte.

HIST 5372 (3)

EUROPE FROM NAPOLEON TO BISMARCK, 1815–1870

Examines the aftermath of Napoleon's empire, with special consideration of the revolutions of 1848.

HIST 5373 (3)

EUROPE FROM BISMARCK TO WORLD WAR I, 1870–1918

Studies some of the modern world's most potent ideas: imperialism, social Darwinism, Marxism, racism, and positivism in the context of Europe at the peak of its influence.

HIST 5374 (3)

RECENT EUROPEAN HISTORY: 1918 TO THE PRESENT

Considers two attempts to revive Europe from the effects of disastrous world wars, as well as the sources of new vigor it has found in the past 30 years.

HIST 5375 (3)

EUROPE IN THE AGE OF LOUIS XIV

The Scientific Revolution, the culture of the Baroque, and development of the European state system under the impact of the Thirty Years' War and the wars of Louis XIV.

HIST 5376 (3)

EUROPE AGE OF ENLIGHTENMENT, 1715–1789

A study of society and culture in 18th-century Europe, Enlightenment philosophies, rococo art, the classical age of music, Enlightened Despotism, and the coming of the French Revolution.

HIST 5377 (3)

US AND COLD WAR

History of the US and the Cold War.

HIST 5378 (3)

MEDIEVAL RENAISSANCES

A reading-and-discussion seminar on two bursts of medieval cultural activity: the Carolingian and 12th-Century Renaissances. Focus on two case studies (Alcuin and John of Salisbury).

HIST 5382 (3)

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Human Rights

[www.smu.edu/humanrights](http://www.smu.edu/humanrights)

Rick Halperin, Director

Credit Hours

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	Credit Hours
Electives	9
(three courses from at least two departments, with at least 3 hours at the 3000 level or above)	
Any ANTH course from track 1 or 2 above	
ANTH 3301	Health, Healing, and Ethics
ANTH 3311	Mexico: From Conquest to Cancun
ANTH 4305	Applied Anthropology
ARHS 1338	Chicano Art and the Politics of Place
ARHS 4349	Why We Go to Auschwitz
CCJN 5305	Human Rights and the Journalist
ENGL 1365	Literature of Minorities
ENGL 3367	Ethical Implications of Children's Literature
ENGL 3383	Literary Executions
FREN 4376	Intro to Francophone Cultures
Any HIST course from track 1 or 2 above	
HIST 3363	The Holocaust
HIST 4398, 4399	Independent Study (for group tour credit)
HRTS/ANTH 3329	Contesting Development
HRTS/ANTH 3348	Health as a Human Right
HRTS/PLSC 4380	National Security and Human Rights
HRTS/RELI 3387	Religion and Human Rights
HRTS/WGST 3310	Gender and Human Rights
MNO 4371	Leadership and Culture
PHIL 3371	Social and Political Philosophy
PHIL 3374	Philosophy of Law
PHIL 3377	Animal Rights
PHIL 3380	Ethical Theory
Any PLSC course from track 1 or 2 above	
PLSC 4334	Politics/Legacies of the Civil Rights Movement
RELI 3321	Religion and the Holocaust
Any SOCI course from track 1 or 2 above	
SPAN 3313	Human Rights in Latin America
THEA 4381	Theatre for Human Rights (SMU Abroad)
WGST 2309	Lesbian and Gay Literature and Film
WGST 3328	Gender Violence
WL 3330	North-African Cinema
Language	11

A human rights minor consists of a minimum of 18 hours of coursework. HRTS/HIST 3301 is required. The remaining 15 hours must be taken from the approved elective list; nine hours of these must be at the advanced level (3000 or above). In addition to HRTS/HIST 3301, no more than two courses from any one department may be taken as electives unless preapproval is given by the director.

The minor also requires a commitment of students' effort, time and talent in defense of or in advocacy for human rights. Students will complete either a 20-hour service-learning placement with a human rights community-based agency (as a com-



pears to have merit, the dean will suggest faculty members in appropriate departments and divisions of the University who can provide further assistance in designing the program. Students must ask at least three faculty members to constitute a Faculty Supervisory Committee, with one serving as chair.

Students with at least a 3.500 GPA in the first 24 term hours taken through enroll-



- ANTH 2301 Introductory Cultural Anthropology
- HIST 1302 World Cultures and Civilization
- SOCI 2377 Markets and Cultures
  
- ECO 3321 International Economic Policy
- ECO 4357 International Trade
- ECO 4358 Intl Macroeconomics
- PLSC 3389 International Political Economy
  
- PLSC 1340 Introduction to Comparative Politics
- PLSC 1380 Introduction to International Relations
  
- ADV 3354 International Advertising (SMU-in-London)
- ANTH/SOCI 3301 Health, Healing, and Ethics
- ANTH/SOCI 3310 Gender and Sex Roles: A Global Perspective
- ANTH 3327 Culture Change and Globalization
- ANTH 3329 Contesting Development: Global/Local Impacts and Human Rights
- ANTH 3333 The Immigrant Experience
- ANTH 3336 Gender and Globalization: Cultural and Ethical Issues
- ANTH 3344 Cultural Aspects of Business
- ANTH 3348 Health as a Human Right
- ANTH 3365 The Rise and Fall of Superpowers
- ANTH/RELI/SOCI 3366 Magic, Myth, and Religion Across Cultures
- ANTH/SOCI 3368 Urban Life: A Cross-Cultural Perspective
- ANTH 3384 Paradise Lost? Archaeology/Ethics of Human Environmental Impacts
- ANTH 3388 Warfare and Violence
- ANTH 4303 Political Economy of Health
- ANTH 4304 Migration, Ethnicity, and Nationalism
- ANTH 4307 Seminar in International Health
- ANTH 4309 Human Rights, Indigenous Peoples, and National States
- ANTH 4384 Global Issues and Development: An Overview (seniors only)
- ARHS 3368 Art and Context: 1940–1970
- ARHS 3369 Contemporary Art: 1965–Present
- BA 3300 Topics in International Management (study abroad programs)
- COMM 3321 Communication in Global Contexts
- ECO 5359 Economic Development: Microeconomic Perspectives
- ECO 5360 Economic Development: Macroeconomic Perspectives
- ECO 5361 Natural Resources and Energy Economics
- ECO 5362 Economic Growth
- ENGL 3354





- ARHS 3306 Mummies, Myths, and Monuments of Ancient Egypt
- ARHS 3328 Byzantine Art
- ARHS 3354 Modern and Contemporary Art of the Arab World
- ARHS 3390 Traditional Arts of Africa
- ARHS 3392 Islamic Art and Architecture: The Creation of a New Art
- RELI 3329 Introduction to Islam
- RELI 3362 Islam and the West
- RELI 3372 Biblical Interpretation and the State of Israel
- WL 3349/HIST 3392 The African Diaspora: Literature and History of Black Liberation

Courses in Asian Studies

- ANTH 3316 Cultures of the Pacific Islands
- ANTH 3317 Peoples of Southeast Asia
- ANTH 3323 East Asian Cultural Traditions
- ANTH 4390 Asian Society: Study Tour and Seminar (SMU-in-Australia)
- BA 3300 Japanese Business (SMU-in-Japan)
- ECO 4357 Japanese Economy (SMU-in-Japan)
- HIST 2390 Civilization of India
- HIST 2393

- RELI 3385 Philosophies of India  
 WL 3310 Transnational Chinese Cinema  
 WL 3312 Women in Modern China  
 WL 3322 Japanese Literature in Translation (SMU-in-Japan)  
 WL 3325 Perspectives on Modern China  
 WL 3395 A Cultural Journey to China (SMU-in-Suzhou)

Courses in European Studies

- ANTH 3355 Society and Culture in Contemporary Europe  
 ANTH 3355/PLSC 4343 Nationalism in Europe (SMU-in-Copenhagen)  
 BA 3300 European Business Environment: The EU (SMU-in-Copenhagen)  
 BA 4315 EU Seminar (SMU-in-Copenhagen)  
 HIST 2366 Europe in the Modern World, 1760–Present  
 HIST 3303 Modern England, 1867–Present  
 HIST 3328 Economic History of Europe: 1000 A.D. to the Present  
 HIST 3330 Women in Modern European History  
 HIST 3334 France Since 1789  
 HIST 3340 The Revolutionary Experience in Russia, 1900–1930  
 HIST 3341 Soviet/Post-Soviet Society and Politics, 1917–Present  
 HIST 3343 20th-Century European History (SMU-in-Copenhagen)  
 HIST 3346 Modern England, 1714 to the Present (SMU-in-Oxford)  
 HIST 3363 The Holocaust  
 HIST 3365, 3366 Problems in European History  
 HIST 3367 Revolutions in European History  
 HIST 3374 Diplomacy in Europe: Napoleon to the European Union (SMU-in-Oxford)  
 HIST 3376 Social and Intellectual History of Europe  
 HIST 3381/PLSC 4340 Political History of Contemporary Spain (SMU-in-Spain)  
 HIST 3383 Habsburg Monarchy: Making of East Central Europe  
 HIST 3385 The Balkan Peninsula in Its European Context  
 HIST 4314 The Jews in Europe (SMU-in-Copenhagen)  
 HIST 4363 Inside Nazi Germany  
 HIST 4369 History of Modern Germany  
 HIST 4381 History of Spain, 1469 to the Present  
 HIST 4388 Georgian and Victorian England, 1714–1867 (SMU-in-Oxford)  
 HIST 5367 Russia From the Kievan Era to 1881  
 HIST 5371 The French Revolution and Napoleon, 1789–1815  
 HIST 5373 Europe From Bismarck to WWI, 1870–1918  
 HIST 5374 Recent European History, 1918 to the Present  
 HIST 5376 Europe in the Age of Enlightenment, 1715–1789  
 HIST 5390 Seminar in Russian History  
 HIST 5392 Seminar in European History  
 OBBP 3300 Business Relations With Russia and Central Europe (SMU-in-Copenhagen)  
 PLSC 3340 Western European Politics  
 PLSC 3351 Russia Under Putin  
 PLSC 3358 Government and Politics of Russia  
 PLSC 3359 From Communism to Democracy  
 PLSC 4340 Special Studies in Comparative Government and Politics  
 PLSC 4358 Soviet Politics: Revolution to Revolution  
 PLSC 4380

- ARHS 1331 Nineteenth Century European Art
- ARHS 1332 Twentieth-Century Art: Sources and Styles of Modern Art
- ARHS 2352 Impressionism to Abstract: European Art, 1870–1920 (SMU-in-Copenhagen)
- ARHS 3321 Age of the Crusades: Power and Piety in the Ancient and Medieval Near East
- ARHS 3329, 3346 Paris Art and Architecture I, II (SMU-in-Paris)
- ARHS 3330 Renaissance and Baroque Architecture
- ARHS 3331 Art and Culture of the Italian Renaissance
- ARHS 3332 Sixteenth-Century Italian Art
- ARHS 3333 Art and Architecture in Italy (SMU-in-Italy)
- ARHS 3339 El Greco to Goya: Spanish Painting of the Golden Age
- ARHS 3344 Paintings at the Prado (SMU-in-Spain)
- ARHS 3347 Eighteenth-Century European Art and Theatre: Staging Revolution
- ARHS 3352 Impressionism, Symbolism, and the Deviant Body
- ARHS 3353 Impressionism in Context (SMU-in-Paris)
- ARHS 3362 Picturing Children: European Art 1848–1940
- ARHS 4344/HIST 3349 Images of Power: Kings, Nobles, and Elites (SMU-in-Paris)
- ENGL 3341 British Literary History II
- ENGL 3344 Victorian Gender
- ENGL 3360 Writers in Paris: The Invention of Modernism (SMU-in-Paris)
- FILM 2352 History of European Film (SMU-in-Copenhagen)
- FILM 3310 Themes in European Film (SMU-in-Copenhagen)
- FILM 4305 Motion Pictures of Paris (SMU-in-Paris)
- FREN 4373, 4374 French Civilization (SMU-in-Paris)
- FREN 4375 Introduction to French History and Culture
- FREN 4376 Introduction to Francophone Cultures
- PHIL 3333 European Thought: Modernism to Postmodernism (SMU-in-Copenhagen)
- PHIL 3352 History of Western Philosophy (Modern)
- PHIL 3370 Nineteenth-Century Philosophy (also SMU-in-Copenhagen)
- PHIL 3382 Twentieth-Century European Philosophy
- WL 2343 After Communism
- WL 3303/SPAN 3373 Spanish Civilization (SMU-in-Spain)
- WL 3307 The Belle Époque and the Birth of Modernity (SMU-in-Paris)
- WL 3323/HIST 2323 Russian Culture
- WL 3331 Survey of Russian Literature in Translation
- WL 3361 Special Topics: French Literature in Translation
- WL 3369 Perspectives on Modern Germany
- WL 3390 Italian Cinema
- WL 3391, 3392 Italian Literature in Translation

Courses in Latin-American and Iberian Studies

- ANTH 3311 Mexico: From Conquest to Cancun
- ANTH 3313 South American Indians of the Past and Present
- ANTH 3354 Latin America: Peoples, Places, and Power
- ANTH 3376 Caribbean Transformations
- HIST 2384 Latin America: The Colonial Period
- HIST 2385 Latin America in the Modern Era
- HIST 3308 Film History of U.S. Hispanics
- HIST 3317 Women in Latin American Societies
- HIST 3320 The Spanish Frontier in North America, 1513–1821
- HIST 3321 The American Southwest
- HIST 3324 The Mexican Americans, 1848 to the Present



SPAN 5336

Latin-American and Iberian Studies. A cocurricular requirement for the minor in Latin-American and Iberian studies is two years of college-level study of Spanish or Portuguese. To maximize the educational experience, students are strongly encouraged to spend at least one term or summer studying in Latin America or Iberia. Most of the courses taught in University study abroad programs in Latin America/Iberia may be applied to the Latin-American and Iberian studies minor.

The Latin-American and Iberian Studies program provides students with an opportunity to design an interdisciplinary program of study that will give them an in-depth knowledge of Ibero-American history, culture, politics and society. The program embraces all of the countries of Latin America and the Iberian Peninsula. It is designed to take account of not only specific national cultures and traditions, as they have developed in Latin America, but also the importance of Latin cultures and Hispanic traditions in the United States. To maximize the educational experience, students are strongly encouraged to spend at least one term or summer studying in Latin America, Spain or Portugal. Students wishing to attend study abroad programs offered by other universities may have courses credited by going through the SMU Abroad course approval process.

The major in Latin-American and Iberian studies requires 27 credit hours plus a language requirement as follows:

- A prerequisite of two years of college-level Spanish or Portuguese
- Six hours (two courses) from the International and Area Studies Program's basic curriculum categories of "World Cultures," "International Economics" or "International Politics."
- A mandatory sequence of six hours (two courses), which constitutes the core curriculum for all majors.
  - First sequence: HIST 2384, or HIST 3380 (SMU-in-Spain) or SPAN 3374.
  - Second sequence: HIST 2385 or PLSC 3348.
- Fifteen hours (five courses) in 3000-level or above courses concentrating in Group I: Social Sciences or Group II: Humanities and the Arts. Students who want to take a course from the group in which they do not concentrate may do so upon the permission of the director of international studies. Courses taken in the first and second sequence once taken do not double count for the group requirement.

To maximize the educational experience in these degree programs, all majors are strongly encouraged to spend at least one term or summer studying abroad. The University offers numerous study abroad opportunities around the world; most of these courses may be applied to the international and area studies major or minor. As of fall 2011, the following SMU Abroad policies apply to the International and Area Studies Program:

- Up to 12 hours of world language study may be taken in an SMU-approved study abroad program and counted toward the language requirement for the major.

Up to 15 hours in the student's regional specialization may be taken in an SMU-approved study abroad program and counted toward the major.

Of the 15 hours required from the basic curriculum, 12 hours must be taken on an SMU campus (Dallas, Taos or Plano). Three hours of transfer credit (not an SMU-approved study abroad program) may be counted toward fulfillment of the basic curriculum requirement.

The senior seminar must be taken on an SMU campus (Dallas, Taos or Plano). A total of 33 hours (exclusive of the 12 hours of language study required for the major) are required for the major in international studies.

These policies do not change the required number of credit hours in advanced courses.

Up to six hours of world language study may be taken in an SMU-approved study abroad program and counted toward the language requirement for the minor.

Of the 15 hours required from the basic curriculum, 12 hours must be taken on an SMU campus (Dallas, Taos or Plano). Three hours of transfer credit (not an SMU-approved study abroad program) may be counted toward fulfillment of the basic curriculum requirement.

Up to 12 hours of world language study may be taken in an SMU-approved study abroad program and counted toward the language requirement for any area studies minor.

Three of nine hours in the student's regional specialization may be taken in an SMU-approved study abroad program and counted toward the minor.

#### Law and Legal Reasoning

Assistant Professor Pamela Corley, Director

The minor in law and legal reasoning provides a coherent grouping of courses from different disciplines, examining the foundations and applications of the law. Specifically, the minor is designed to provide students with the knowledge of substantive law, along with the following skills: legal analysis and reasoning, oral advocacy, research and writing.



## Credit Hours

## Electives (continued)

- COMM 3300 Free Speech and the First Amendment\*  
 COMM 3327 Argumentation and Advocacy\*\*\*  
 COMM 4323 Forensics Workshop\*\*  
 COMM 4324 Competitive Mock Trial\*\*  
 COMM 5302 Advanced Topics: Legal Advocacy\*\*\*  
 One or more courses from the following:  
   PLSC 3335 Judicial Process  
   PLSC 4335 Constitutional Law  
   PLSC 4336 1st Amendment and Privacy\*  
   PLSC 4337 Civil Rights  
   PLSC 4338 Criminal Process Rights  
   PLSC 4341 Rights and Representation  
   PLSC 4371 Jurisprudence  
   PLSC 3330 Law, Politics, and the Supreme Court\*\*\*  
   PLSC 3324 Introduction to Law\*\*\*  
 One or more courses from the following:  
   PHIL 3373 Philosophy of Criminal Law  
   PHIL 3374 Philosophy of Law  
   SOCI 3363 Crime and Delinquency  
   SOCI 4363 Correctional Systems  
   SOCI 3360 Law and Society

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\* Students will not receive credit for both COMM 3300 and PLSC 4336.

\*\* Students may take a maximum of 3 credits toward the minor.

\*\*\* Course can be taken as an elective if not taken as required.

## Markets and Culture

[www.smu.edu/sociology/majors/markets](http://www.smu.edu/sociology/majors/markets)

Associate Professor Anne E. Lincoln, Director

The B.A. in markets and culture provides students the opportunity to learn about the world's market places from an interdisciplinary study in the social sciences and the humanities. Students will explore the economic principles of markets, the values and history of commerce, and the motives and myths that move people. By choosing from courses in a wide range of disciplines, including sociology, economics, anthropology, political science, history, psychology, literature and world languages, students will gain an understanding of the multiple institutions and cultures that shape the world's markets.

A cocurricular requirement for a degree in markets and culture is one year of college-level study of a world language or equivalent. Student majors are strongly encouraged to take advantage of opportunities for study abroad and internships to broaden their classroom experience.

The major offers graduation with distinction to select student majors of high academic achievement. The program is open to junior and senior majors. Interested students with a minimum 3.000 overall GPA and a 3.500 GPA in the major may consult with the director of the Markets and Culture Program for admission to the distinction track. If the director determines that the student has satisfied the requirements, the student may then request a faculty member to direct a distinction paper. The candidate's distinction paper must be a substantial piece of independent and original research. The research will be presented and evaluated by a distinction committee. Upon positive re commendation from this commi ttee, the student will be awarded graduation with distinction. Crite ria for graduating wi th departmental distinction include the following:

1. A minimum 3.000 overall GPA at graduation.
2. A minimum 3.500 average in courses taken for the markets and culture major.
3. Preparation of a distinction thesis under the supervision of a faculty member while enrolled in SOCI 4396. SOCI 4396 will be taken in addition to all other requirements for the major. The faculty adviser's grade for the thesis must be A- or higher.
4. A passing grade on an oral examination conducted by a faculty distinction committee, which reviews the candidate's thesis. The distinction committee includes the faculty adviser, the director of the Markets and Culture Program, and one additional faculty member selected by the faculty adviser in consultation with the student.

- ANTH 3311 Mexico: From Conquest to Cancun
- ANTH 3314 Peoples of Africa
- ANTH 3316 Cultures of the Pacific Islands
- ANTH 3317 Peoples of Southeast Asia
- ANTH 3327 Culture Change and Globalization: Social Science Perspectives
- ANTH 3333 The Immigrant Experience
- ANTH 3336 Gender and Globalization: Cultural and Ethical Issues
- ANTH 3344 Cultural Aspects of Business
- ANTH 3346 Culture and Diversity in American Life
- ANTH 3350 Good Eats and Forbidden Flesh: Culture, Food, and the Global Grocery Market
- ANTH 3354 Latin America: People, Places, and Power
- ANTH 3355 Society and Culture in Contemporary Europe
- ANTH 3358 Indians of the Southwest From the 16th Century to the Present
- ANTH 3361 Language in Culture and Society
- ANTH 3366 Magic, Myth, and Religion Across Cultures
- ANTH 3368 Urban Life: A Cross-Cultural Perspective
- ANTH 3374 Cultures and Environments of the Southwest
- ANTH 4303 Political Economy of Health
- ANTH 4304 Migration, Ethnicity, and Nationalism
- ANTH 4305 Applied Anthropology
- ANTH 4344 Global Population Processes: Anthropological Perspectives
- ANTH 4384 Global Issues and Development: An Overview
- ANTH 4390 Current Issues in Anthropology
- ARBC 3301, 3302 Advanced Arabic
- BA 3300 Business in Europe (SMU-in-Paris)
- BA 3300 European Business Environment: The EU (SMU-in-Copenhagen)
- BA 3300 Management and Ethics in a Cross-Cultural Context (SMU-in-Spain)
- BA 3300 Special Topics: Japanese Business (SMU-in-Japan)
- BA 3301 Economies in Transition (SMU-in-Copenhagen)
- BA 4315 EU Seminar (SMU-in-Copenhagen)

GERM 3313 Germany Today  
GERM 4350 History, Culture, Identity in Postwar German Film  
HIST 3303 Modern England, 1867 to the Present  
HIST 3324 The Mexican Americans, 1848 to the Present  
HIST 3326 The Venture of Islam  
HIST 3330

- PLSC 3390 Negotiating International Trade
- PLSC 4322 Latino Politics
- PLSC 4340 Special Studies in Comparative Government and Politics
- PLSC 4353 Political Economy of East Asia
- PLSC 4354 The Third World and North-South Relations
- PLSC 4355 Comparative Political Economy of Industrialized Democracies
- PLSC 4356 Latin American Political Economy
- PLSC 4358 Soviet Politics: Revolution to Revolution
- PLSC 4380 Special Studies in International Relations
- PLSC 4386 International Relations of East Asia
- PLSC 4388 Government and International Politics
- PLSC 4391 NAFTA and Free Trade in the Americas
- PLSC 5341 European Politics: The European Union (SMU-in-Copenhagen)
- PLSC 5383 Seminar on Regional Conflicts (SMU-in-Copenhagen)
- PSYC 3365 Organizational Psychology
- PSYC 4363 Conflict Resolution
- RELI 3329 Introduction to Islam
- RELI 3365 Understanding the Self: East and West
- RELI 3366 Magic, Myth and Religion Across Cultures
- RELI 3378 Religions of China
- RELI 3382 Mysticism, East and West
- SOCI 3305 Race and Ethnicity in the United States
- SOCI 3311 Qualitative Research Methods
- SOCI 3312 Survey Research Methods and Data Analysis
- SOCI 3340 Global Society
- SOCI 3345 Media Ethics and Gender
- SOCI 3360 Law and Society
- SOCI 3370 Minority-Dominant Relations
- SOCI 3371 SociolSOC-.0015 Tw0014 Tw [( Gov5nTm .(C-.2 1 Tf o1 A7.1 .dl 6.48 54 327.12Tc -.0005



## Credit Hours

MATH 3315/CSE 3365 (required)  
 CSE 4381 (required)  
 Three from MATH 3353, 5315, 5316, 5332

MATH 3315/CSE 3365 (required)  
 MATH 3337 (required)  
 One from MATH 5315, 5331, 5332, 5334  
 Two from EE 3322, 3330, 3372, 5330, 5332,  
 5336, 5360, 5362, 5372  
 or two from ME 4360, 5302, 5320, 5322,  
 5336 (MATH 6336), 5361, 5386

MATH 3315/CSE 3365 (required)  
 MATH 3337 (required)  
 One from MATH 5315, 5331, 5332, 5334  
 Two from CEE 5361, 5364; ME 5322

MATH 3315/CSE 3365 (required)  
 MATH 3337 (required)  
 MATH 6336/ME 5336 (required)  
 One from MATH 5315, 5331, 5332, 5334  
 One from CEE 5331, 5332, 5334

MATH 3315/CSE 3365 (required)  
 Two from MATH 3353, 5315, 5316, 5332, 5353  
 EMIS 3360 (required)  
 One from EMIS 5361, 5362 5369; STAT 5344/EMIS 5364

MATH 1337, 1338, 2339 and nine hours selected from mathematics courses at the advanced (3000+) level. MATH 2343 may replace an advanced-level mathematics course. All courses in the minor must be passed with a grade of C- or higher.

After a student matriculates to SMU, transfer credit for MATH 1307, 1309 or 1337 will not be approved.

MATH 1303 (3)

**PRECALCULUS FOR BUSINESS**

Inequalities, absolute value, graphs, functions, basic analytic geometry, polynomials, logarithms, exponentials, linear equations, and mathematics of finance. Prerequisite: High school algebra. No credit given if taken at SMU. [ny calculu(c)1u)-5(ur)2.2(ur)4seNo not.2(credit1(edbothTH)6.4a)-5.nbd6



MATH 2339 (3)  
CALCULUS III

A continuation of MATH 1338 including parametric equations, polar coordinates, partial differentiation, multiple integrals, and vector analysis. Prerequisite: C- or higher in MATH 1338.

MATH 2343 (3)  
ELEMENTARY DIFFERENTIAL EQUATIONS

First-order equations, linear equations, Laplace transform linear systems, and phase plane. Prerequisite: C- or better in MATH 1338.

MATH 3308 (3)  
INTRODUCTION TO DISCRETE MATHEMATICS

An introduction to logic, set theory, graph theory, recurrence relations, and combinatorics. Mathematical foundations and applications of these subjects are presented. (Credit not allowed for both CSE 2353 and MATH 3308.) Prerequisite: A grade of C- or higher in MATH 1338.

MATH 3315/CSE 3365 (3)  
INTRODUCTION TO SCIENTIFIC COMPUTING

An elementary survey course that includes techniques for root-finding, interpolation, functional approximation, linear equations, and numerical integration. Special attention is given to MATLAB programming, algorithm implementations, and library codes. Students registering for this course must also register for an associated computer laboratory.

MATH 3334 (3)  
MATHEMATICAL MODELING AND APPLICATIONS

MATH 4381 (3)

**INTRODUCTION TO GENERAL TOPOLOGY**

Elementary topology of the line and plane, metric spaces, and general topological spaces; continuity of mappings, connectedness, compactness, completeness, and fixed-point theorems.

Prerequisite: A grade of C- or higher in MATH 3308 and 3353, or consent of instructor.

MATH 5315 (3)

**INTRODUCTION TO NUMERICAL ANALYSIS**

Numerical solution of linear and nonlinear equations, interpolation and approximation of functions, numerical integration, floating-point arithmetic, and the numerical solution of initial value problems in ordinary differential equations. Student use of the computer is emphasized.

Prerequisites:

is appropriate for preprofessional training in multiple fields such as business, reli-

satisfy the interdisciplinary component. Individual student programs are approved by the director of the Medieval Studies Program.

As a model, the following is a typical Medieval Studies Program major sequence for SMU students:

Fall term:

MDVL 3351 (CF 3351) The Pilgrimage: Images of Medieval Culture  
LATN 1401 Beginning Latin

Spring term:

ENGL 3320 Topics in Medieval Literature  
LATN 1402 Beginning Latin

Fall term:

ARHS 3320 Medieval Art\*  
LATN 2311 Second-Year Latin  
HIST 3350 Life in the Medieval World, A.D. 306–1095\*

Spring term:

MDVL 3329 (CF 3302, ENGL 3329) The World of King Arthur\*  
HIST 3351 Life in the Medieval World, A.D. 1095–1350\*  
LATN 2312 Second-Year Latin

Fall term:

HIST 4325 Islam to A.D. 1453\*  
ARHS 3392 Islamic Art and Architecture: The Creation of a New Art\*  
LATN 3324 Advanced Latin Grammar and Composition\*

Spring term:



MDVL 3323 (3)

**TALES OF WALES**

Survey of native Welsh literature (in translation) from the sixth to the 20th century. Primary focus on medieval and Arthurian texts and their influence on the British and European literary imagination.

MDVL 3327/CF 3340 (3)

**THE UNICORN: UNDERSTANDING VARIETIES OF TRUTH IN THE MIDDLE AGES**

Investigates the question of how history and fiction were perceived in the Middle Ages.

MDVL 3329/CF 3302/ENGL 3329 (3)

**THE WORLD OF KING ARTHUR**

Study of Britain's greatest native hero and one of the world's most compelling story stocks: the legends of King Arthur and the Knights of the Round Table.

MDVL 3351 (3)

**THE PILGRIMAGE: MEDIEVAL**

This course looks at the medieval world through one of its own literal and metaphorical images, investigating the music, art, monuments, and literature of pilgrimage during the Middle Ages.

MDVL 3353 (3)

**MEDIEVAL IDEAS**

The goal of this course is to present some of the classic achievements of the medieval mind, focusing on developments of continuing interest; where advisable, comparisons and contrasts will be drawn with methods of thinking and solving problems in use in later times. While the main focus will be on Medieval Europe and the adjacent Muslim world, wherever possible, students' attention will be drawn to developments in other culture areas.

MDVL 3390 (3)

**MEDIEVAL PHILOSOPHY TOPICS**

Research and writing in medieval fields on special philosophical topics at the forefront of current intellectual interest.

MDVL 3398 (3), 3399 (3)

**DIRECTED STUDIES**

Directed studies.

MDVL 4308 (3)

**TOWNS, TRADE AND REVOLUTION IN THE MEDIEVAL WEST**

This course investigates the medieval city from its origins through 1500. Within a chronological framework, we will explore urban populations and institutions, commerce, universities, guilds, and the Black Death.

MDVL 4318 (3)

**BYZANTINE HISTORY 285–1453**

This course traces the outlines of Byzantine History from 285 to 1453. Topics include the changing structure of the family, gender roles, ruler and ruled, and town and country.

MDVL 4371 (3)

**SPECIAL TOPIC**

Research and writing in medieval fields on special topics at the forefront of current intellectual interest.

MDVL 5301 (3), 5302 (3), 5398 (3), 5399 (3)

**INDEPENDENT STUDIES**

Research and writing in medieval fields on special topics at the forefront of current intellectual interest.

### Natural Sciences

Professor Christine Buchanan, Director

A minor in the natural sciences offers students a systematic exposure to biology and chemistry. It is particularly suitable for engineering majors who are interested in medicine, dentistry or other biomedical careers. This interdisciplinary minor may not be selected by students majoring or minoring in the biological sciences, bio-

PHIL 1300 (3)

**INTRODUCTION TO CRITICAL THINKING**

Learning to analyze, evaluate, and present information in order to better assess one's own beliefs and to persuade others more effectively.

PHIL 1301 (3)

**ELEMENTARY LOGIC**



PHIL 3301 (3)  
INTERMEDIATE LOGIC

Students are introduced to the formal theory of the logical systems they have already learned to use: namely, Sentential Logic and Predicate Logic. Students will learn to prove the completeness and soundness of both of these systems. In addition, they may also learn some simple



Other topics include the morality of capital punishment, excuse and justification, the morality of self-defense, and the justifiability of punishing "self-regarding" acts such as drug use.

PHIL 3374 (3)

#### PHILOSOPHY OF LAW

An examination of central questions in philosophy of law. Topics vary, but the following are representative. What is law? What is the relationship between law and morality? To what extent may or must judges make value judgments in deciding what the law is? To what extent can or should "legislative intent" or "original meaning" constrain judicial interpretation of constitutional provisions? Whom should we punish, why should we punish them, and how much should we punish them?

PHIL 3375 (3)





tration in MATH 1337 is allowed based upon satisfactory completion of a calculus course in high school and approval of instructor.

PHYS 1408 (4)/PHYS 1304 (3)/PHYS 1404 (4)

#### GENERAL PHYSICS

Principles and concepts of physics; applications in the life sciences. Mechanics, thermodynamics, sound, optics, electricity, magnetism, modern physics. Prerequisite: MATH 1337.

PHYS 2100 (1), 2200 (2), 2300 (3)

#### SPECIAL TOPICS ABROAD

Course offered in approved SMU Abroad program. May be repeated for credit under different subtitle.

PHYS 3100 (1), 3200 (2), 3300 (3)

#### SPECIAL TOPICS ABROAD

Course offered in approved SMU Abroad program. May be repeated for credit under different subtitle.

PHYS 3305 (3)

#### INTRODUCTION TO MODERN PHYSICS

For science and engineering majors. Special relativity, elements of quantum physics, structure of atoms, molecules and solids, nuclear physics, and elementary particles. Prerequisite: PHYS 1304.

PHYS 3310 (3)

#### INTRODUCTION TO RELATIVITY AND THE PHYSICS OF WAVES

One-dimensional harmonic oscillator, coupled oscillators, longitudinal and transverse waves, sound and electromagnetic waves, interference and diffraction, Lorentz transforms and invariants, time dilation, length contraction, equivalence principle, and black holes. Prerequisites: PHYS 3305 (can be taken concurrently), MATH 2339, MATH 2343 (can be taken concurrently).

PHYS 3320 (3)

#### PHYSICS OF MUSIC

Covers the acoustics (physical sound properties) of music. Topics include sound in general, sound of musical instruments, acoustics, electronic synthesis, Fourier transforms, interference, diffraction, and resonance. While this course requires no previous formal training in music theory, it is helpful if students have a basic understanding of musical scales and notation. Prerequisites: PHYS 1303, 1304 or equivalent. Recommended: PHYS 3344.

PHYS 3333/CFB 3333 (3)

#### THE SCIENTIFIC METHOD (DEBUNKING PSEUDOSCIENCE)

Provides students with an understanding of the scientific method sufficient to detect pseudoscience in its many guises: paranormal phenomena, free-energy devices, alternative medicine, creationism, and many others.

PHYS 3340 (3)

#### COMPUTATIONAL PHYSICS

Introduction to the modeling of physical systems. Emphasis is on algorithm selection and implementation for simulating classical and quantum physics. Prerequisite: MATH 2343 or concurrent registration. Prior programming experience recommended.

PHYS 3344 (3)

#### CLASSICAL MECHANICS

The motion of a particle and of systems of particles, including oscillatory systems, accelerated coordinate systems, central-force motion, rigid-body dynamics, gravitation, and Lagrangian mechanics. Prerequisites: PHYS 1303 and MATH 2339 (or taken concurrently).

PHYS 3345 (3)

#### ADVANCED MECHANICS

Topics in classical mechanics including the motion of a system of particles, the two-body central-force problem, small oscillations of coupled systems, collision theory, Lagrange's and Hamilton's formulations, the vibrating string, and the special theory of relativity. Prerequisite:

PHYS 3368 (3)

PRINCIPLES OF ASTROPHYSICS AND COSMOLOGY

Cosmic distance scales. Physics of stars. Expansion of the Universe. Cosmic nucleosynthesis. Selected other topics as appropriate. Prerequisite: PHYS 3305.

PHYS 3374 (3)

THERMODYNAMICS AND STATISTICAL MECHANICS

Basic concepts of thermodynamics and statistical mechanics with emphasis on quantum statistics. The laws of thermodynamics, entropy, Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac statistics. Prerequisites: PHYS 3305. MATH 2343 recommended.

PHYS 4049 (0)

UNDERGRADUATE RESEARCH

For students who hold research fellowships but are not enrolled in any credit hour courses. No tuition.

PHYS 4112 (1)

LABORATORY PHYSICS II

Intermediate-level experimental physics. Approximately one experiment per week. One 3-hour laboratory period per week. Prerequisites: PHYS 1106, 3305.

PHYS 4190 (1), 4290 (2), 4390 (3)

SPECIAL PROJECTS IN PHYSICS

Directed study of special topics. For physics majors only. Prerequisites: Junior or senior classification and permission of department.

PHYS 4211 (2)

LABORATORY PHYSICS I

Introduction to experimental physics. Approximately one experiment per week. One 2-hour laboratory period per week. Prerequisites: PHYS 1105, 1106, 3305.

PHYS 4321 (3)

METHODS OF THEORETICAL PHYSICS

Matrices, determinants, linear algebra, complex variables, inhomogeneous equations, Sturm-  
P r e r e q u



brief introduction to the Dirac formalism. Solutions to the Schrodinger equation for a variety of one-dimensional problems and for the hydrogen atom are discussed. Prerequisites: PHYS 3305, MATH 3353.

PHYS 5383 (3)

#### ADVANCED QUANTUM MECHANICS

Applications and approximation methods in quantum mechanics. Applications to laser physics, solid-state physics, molecular physics and scattering are included. Prerequisite: PHYS 5382.

PHYS 5384 (3)

#### QUANTUM PHYSICS II

Quantum statistics; band theory of solids; superconductivity, magnetism, and critical phenomena; nuclear physics; physics of elementary particles. Prerequisite: PHYS 5383 or permission of instructor

PHYS 5393 (3)

#### ELECTROMAGNETIC WAVES AND OPTICS

Theory and applications of electromagnetic wave radiation, propagation, and scattering. Geometrical and physical optics. Guided waves. Lasers. Coherent optics, interferometry, and holography. Prerequisite: Physics 4392, equivalent, or consent of instructor.

PHYS 5395 (3)

#### INTRODUCTION TO ELEMENTARY PARTICLES

Modern theories of elementary particles, including relativistic kinematics, Feynman diagrams, quantum electrodynamics, quarks, weak interactions, and gauge theories. Prerequisite: PHYS 5383.

PHYS 5398 (3)

#### APPLICATIONS OF QUANTUM MECHANICS

The principles of quantum theory are used in a study of radiative transition in atoms and molecules, quantum statistics, band theory of solids, semiconductor theory, and laser physics. Prerequisite: PHYS 5382 or equivalent.

Political Science

[www.smu.edu/politicalscience](http://www.smu.edu/politicalscience)

Professor Dennis Ippolito, Department Chair

Professors: James Hollifield, Dennis Ippolito, Calvin Jillson, Michael Lusztag, Harold Stanley, Stephen Wegren.

Note: Offerings for independent study, research and study abroad (PLSC 4102, 4202, 4302, 4301, 4401, 4402, 4403, 4404, 4304, 4306, 4307) are available to majors in political science. Students must have departmental approval prior to registering for these courses. Such courses may not be counted toward departmental distribution requirements.

The B.A. degree in political science requires a total of 33 term hours with two introductory courses (six hours) of choice and 27 advanced hours (3000 level and above). At least 18 advanced hours must be completed in residence. Advanced coursework must include at least six hours (two courses) in each of two distribution fields and three hours (one course) in a third. No coursework counting toward the major may be taken pass/fail.

The following additional requirements apply to the 27 advanced hours (3000 level and above):

A minimum of 15 hours of in-class advanced-level courses must be taken on one of the three SMU campuses (Dallas, Plano or Taos). In-class hours do not include directed reading courses (PLSC 4102, 4202, 4302), internships (PLSC 4306) and departmental distinction thesis (PLSC 4307). SMU campus courses do not include transfer courses, Washington Semester courses (PLSC 4401, 4402, 4403, 4404) and courses taken in SMU-approved study abroad programs.

A maximum of three hours of directed reading courses (PLSC 4102, 4202, 4302) or internships (PLSC 4306) may count towards the major.

A maximum of 15 hours of (preapproved) advanced-level courses in SMU-approved study abroad programs may be counted toward the major. (These hours will not count toward the required 15 hours of in-class, on-campus, advanced-level courses specified above.)

The department offers graduation with distinction to select majors of high academic achievement. Interested students may consult with an appropriate faculty member and apply to the director of undergraduate studies for admission to the distinction track. Eligible students must have a

Students advanced to the distinction track must write a substantial piece of independent and original research (PLSC 4307) and present it to a distinction committee composed of faculty selected by the distinction adviser in consultation with the student. Upon positive recommendation of this committee, the department will

PLSC 3124 (1), 3224 (2) 3324 (3), 3424 (4)

**STUDIES IN AMERICAN POLITICS AND GOVERNMENT – ABROAD**

SMU credit for Political Science courses in American Politics and Government taken in SMU-approved programs abroad.

PLSC 3144 (1), 3244 (2), 3344 (3), 3444 (4)

**STUDIES IN COMPARATIVE POLITICS AND GOVERNMENT – ABROAD**

SMU credit for Political Science courses in Comparative Politics and Government taken in SMU-approved programs abroad.

PLSC 3164 (1), 3264 (2), 3364 (3), 3464 (4)

**STUDIES IN POLITICAL THEORY – ABROAD**

SMU credit for Political Science

PLSC 3331 (3)

**MEDIA AND POLITICS**

Examines how the media influence the American institutional governing process and citizen engagement in democratic practices such as acquisition of political knowledge and political decision-making.

PLSC 3333/PP 3310 (3)

**ENVIRONMENTAL POLICY**

Overview of governmental environmental policies designed to provide a foundation for future application and study in the growing environmental field.

PLSC 3334 (3)

**PUBLIC OPINION AND AMERICAN POLITICS**

Focuses upon the influence of public opinion on American politics and policymaking. Topics for

PLSC 3349 (3)

**POLITICS OF MAJOR LATIN AMERICAN COUNTRIES**

An introduction to the problems of political development in some of the major countries of Latin America: Argentina, Brazil, Chile and Mexico.

PLSC 3351 (3)

**RUSSIA UNDER PUTIN**

A study of contemporary Russia. The goal is to prepare a multi-faceted assessment of the superpower that is and was Russia. How will develop, politically, economically and militarily? This course is part of the SMU-in-Copenhagen program.

PLSC 3352 (3)

**CHINESE POLITICS**

A survey of Chinese political history since the establishment of the People's Republic of China in 1949 and the major challenges confronting the PRC today, evaluating the positive and negative aspects of China's socialist experiment by using a working knowledge of Chinese politics.

PLSC 3355 (3)

**THE POLITICAL ECONOMY OF THE WELFARE STATE**

Focuses on the origins, evolution, and management of industrial democracy in Europe and America. It emphasizes the interconnections between political and economic challenges inherent in policymaking, and the economic implications of public policy.

PLSC 3358/PLSC 4358 (3)

**GOVERNMENT AND POLITICS OF RUSSIA**

Examines attempts to reform the former Soviet Union since 1985. In particular, it analyzes the social and political processes behind the demise of the Soviet system. Emphasis is placed on sources for support of, as well as obstacles to, political, economic, and social reform in post-communist Russia.

PLSC 3359 (3)

**FROM COMMUNISM TO DEMOCRACY**

The rise and fall of communist regimes and the transition to democracy in Eastern Europe and the former Soviet Union, emphasizing social, economic, and political influences affecting divergent paths to democracy.

PLSC 3360 (3)

**FOUNDATIONS OF POLITICAL THOUGHT**

Main currents of political thought in their historical settings from Plato to the 17th century, with a critical evaluation of those elements of continuing worth.

PLSC 3361 (3)

**MODERN POLITICAL THOUGHT**

Main currents of political thought in their historical setting from the 17th century to the present.

PLSC 3362 (3)

**TWENTIETH-CENTURY POLITICAL THOUGHT**

Analysis of the political implications of selected responses to the problems of modern mass society.

PLSC 3363 (3)

**AMERICAN POLITICAL THOUGHT**

A historical and analytical survey of the thinkers, actors, and main currents of American political thought from the founding of the first European colonies to the present day.

PLSC 3365/PLSC 4365 (3)

**COMMUNISM AND POST-COMMUNISM**

Theoretical foundations of communism and its variant forms in practice, explanations for the collapse of Eastern European communist systems, and possible futures of communism.

PLSC 3370 (3)

**WOMEN AND POLITICS**

An analysis and critique of women's role in politics, theories on women's status and power, political activities, ideologies, and programs of feminists, past and present.

PLSC 3381 (3)

**CURRENT ISSUES IN INTERNATIONAL POLITICS**

An interdisciplinary survey of contemporary issues and challenges in the international arena.

The student will research and propose solution

PLSC 4307 (3)

**DEPARTMENTAL DISTINCTION THESIS**

Candidates for departmental distinction write a thesis under the direction of a departmental faculty member, culminating in an oral examination over the field of the thesis. Prerequisite: Admission to departmental honors candidacy.

PLSC 4320 (3)

**SPECIAL STUDIES IN AMERICAN GOVERNMENT AND POLITICS**

PLSC 4321 (3)

**BASIC ISSUES IN AMERICAN DEMOCRACY**







PLSC 4368 (3)

PLSC 4398 (3)

**NUCLEAR WEAPONS AND WORLD POLITICS**

Focuses on the nuclear rivalry between the U.S. and the USSR, and on how this rivalry has transformed the nature and conduct of world politics. Emphasis is placed on theoretical and analytical perspectives, including deterrence theory, bargaining, and game theory. Attention is also given to the implications stemming from both the vertical and horizontal proliferation of nuclear weapons.

PLSC 4401 (4), 4402 (4), 4403 (4), 4404 (4)

**WASHINGTON TERM**

Intensive study of national political institutions. Includes a four-hour research project (4401), a four-hour internship (4402), and an eight-hour seminar (4403 and 4404). Prerequisites: Two courses in political science, at least one at the upper level, that are relevant to the selected program. Available for Political Science, Public Policy, or International Studies majors or minors.

PLSC 5341 (3)

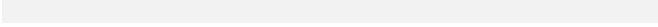
**EUROPEAN POLITICS: THE EUROPEAN UNION**

Europe is in a period of transformation, emerging as a major player on the world scene, while internally developing a novel balance between unification of countries and the rise of local identities. What are the forces that shape the new Europe? How does European policy materialize and who makes the decisions? The course is part of the SMU-in-Copenhagen program.

PLSC 5383 (3)

Credit Hours

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PSYC 2319 (3)

**SOCIAL PSYCHOLOGY**

Addresses the question of how individuals' thoughts, feelings, and behaviors are influenced by their social environment; includes topics such as attitude change, conformity, attraction, aggression, and small-group behavior.

PSYC 2351 (3)

**ABNORMAL PSYCHOLOGY**

A study of the theories, causes, assessment, and treatment of abnormal behavior, including depression, anxiety, psychosis, personality disorders, and other forms of psychopathology in adults. There is an examination of the continuum of normal and abnormal behavior, with consideration of historical and cultural perspectives, ethical concerns, and research methodologies in understanding psychological disorders. Prerequisites: PSYC 1300 and one additional psychology course, or instructor approval.

PSYC 3192 (1)

**DISTINCTION SEMINAR IN PSYCHOLOGY: DATA COLLECTION AND ANALYSES**

The second course in a three-course sequence for the psychology distinction program. During the term, students collect their data and begin analyses. In addition, continued attention is devoted to scientific writing. Prerequisite: Instructor approval.

PSYC 3291 (2)

**DISTINCTION SEMINAR IN PSYCHOLOGY: RESEARCH PROJECT DEVELOPMENT**

The first course in a three-course sequence for the psychology distinction program. Includes advanced training in research methodology. During the term, students design a rigorous research project. Prerequisite: Instructor approval.

PSYC 3310 (3)

**MEMORY AND COGNITION**

A survey of how information is encoded, stored, and retrieved in adults. Topics may include attentional processes, perception, verbal learning, and memory. Prerequisites: PSYC 1300 and one additional psychology course, or instructor approval.

PSYC 3335 (3)

**PSYCHOLOGY OF THE FAMILY**

A basic introduction to understanding the family. Topics include coupling and dating, parenting of young and older children, and progression to older age. Also, understanding competent family functioning, dealing with health and illness, and family counseling. Prerequisites: PSYC 1300 and one additional psychology course or instructor approval.

PSYC 3360 (3)

**HEALTH PSYCHOLOGY**

A basic introduction to the subject. Topics include causes and correlates of health, illness, and dysfunction, as well as the interplay of emotions, cognitions, and behavioral/physical factors. Prerequisites: PSYC 1300, 2301, and one additional psychology course, or instructor approval.

PSYC 3364 (3)

**FORENSIC PSYCHOLOGY**

Examination of the interface between psychology and the legal system, focusing in particular on the role of mental health experts in criminal trials and civil disputes. Prerequisites: PSYC 1300 and one additional psychology course, or instructor approval.

PSYC 3365 (3)

**ORGANIZATIONAL PSYCHOLOGY**

Psychological principles applied to organizations, both business and volunteer, emphasizing a systems approach and including personnel selection, leadership, motivation, communication, and organizational development. Prerequisites: PSYC 1300 and one additional psychology course, or instructor approval.

abnormal personality development are also considered. Prerequisites: PSYC 1300 and one additional psychology course or instructor approval.

PSYC 3371 (3)

**PSYCHOLOGY OF WOMEN**

This course focuses on understanding women as individuals. Also, personality theories as they relate particularly to women. Modern women's options and conflicts, motives and values, and their perceptions of their individuality in the face of rapid social change are examined. Prerequisites: PSYC 1300 and one additional psychology course or instructor approval.

PSYC 3384 (3)

**SPECIAL TOPICS PSYCHOLOGY ABROAD**

Courses offered in SMU-approved international programs. Prior departmental approval required. May be repeated for credit under different subtitle . Maximum of 6 credit hours permissible towards the B.A. in Psychology.

PSYC 3484 (4)

**SPECIAL TOPICS PSYCHOLOGY ABROAD**

Courses offered in SMU-approved international programs. Prior departmental approval required. May be repeated for credit under different subtitle . Maximum of 6 credit hours permissible towards the B.A. in Psychology.

PSYC 3399 (3)

**RESEARCH TRAINING**

Supervised research experience in faculty research projects in labs, clinics, or field settings. May involve library research, participant recruitment, data collection, data input, and analysis. This course can also be taken for 2 credit hours (PSYC 3299), 1 credit hour (PSYC 3199), or 0 credit hours (PSYC 3099). Prerequisites: PSYC 1300, 2301 and instructor approval.

PSYC 4320 (3)

**BIOLOGICAL PSYCHOLOGY**

An advanced overview of the topic. Classes focus on understanding perception, consciousness and sleep, motor behavior, emotion

PSYC 4339 (3)

**PSYCHOLOGY OF AGING**

An exploration of the biological, psychological, and sociocultural influences on adult development and aging. Difficulties specific to older adults such as elder abuse and neurodegenerative diseases are also covered. Prerequisites: PSYC 1300, 2301, and one additional psychology course, or instructor approval.

PSYC 4341 (3)

**SOCIAL COGNITION**

Surveys social perception and cognition, including person perception, nonverbal communication, emotional expression, accuracy, and stereotyping. Ecological, evolutionary and cognitive theoretical approaches are considered. Prerequisites: PSYC 1300, PSYC 2301 and PSYC 2319, or instructor approval.

PSYC 4342 (3)



## Public Policy

Professor Dennis Ippolito, Director

The public policy major is an interdisciplinary program in economics and political science. The B.A. degree in public policy is designed to provide students with the analytical skills and historical context to understand and deal with contemporary policy issues. The major in public policy is useful as preparation for work in government and business and as preparation for postgraduate study in law, public policy and the social sciences.

The B.A. degree in public policy requires a total of 39 hours. The degree consists of two components:

## 1. A total of 24 hours of core courses:

ECO 1311, 1312 and 3301  
 MATH 1309 or 1337  
 PLSC 1320, and PLSC 1340 or 1380  
 PLSC 3320  
 STAT 2301, 2331 or 4340

## 2. At least 15 hours of advanced courses selected from the fields below, with no fewer than six hours in economics and six hours in political science or public policy.

To meet the advanced course requirements, students must take at least six hours in each of any two of the

- ECO 5357 Economics of Human Resources
- PLSC 3321 Congress and the Legislative Process
- PLSC 3327 Texas Politics
- PLSC 3330 Law, Politics and the Supreme Court
- PLSC 3333 Environmental Policy
- PLSC 3335 Judicial Process
- PLSC 3370 Women and Politics
- PLSC 4321 Basic Issues in American Democracy
- PLSC 4334 Politics and Legacies of the Civil Rights Movement
- PLSC 4335 Constitutional Law
- PLSC 4336 Civil Liberties: First Amendment and Privacy
- PLSC 4337 Civil Rights
- PLSC 4338 Criminal Process Rights
- PLSC 4339 Women and the Law
- PLSC 4341 Comparative Rights and Representation
- PP 3310 Environmental Policy

International Politics and Policy

- ECO 3321 International Economic Policy
- ECO 4357 International Trade
- ECO 4358 International Macroeconomic Theory and Policy
- ECO 5360 Economic Development: Macroeconomic Perspectives
- PLSC 3340 Western European Politics
- PLSC 3345 Governments and Politics of the Middle East
- PLSC 3346 Japanese Politics and Society
- PLSC 3347 Governments and Politics of Africa
- PLSC 3348 Governments and Politics of Latin America
- PLSC 3352 Chinese Politics
- PLSC 3358 Government and Politics of Russia
- PLSC 3383 The American Foreign Policy Process
- PLSC 3389 International Political Economy
- PLSC 4356





RELI 3308 (3)

**CHRISTIAN ETHICS AND MORAL ISSUES**

An examination of the relationship between moral reasoning and Christian belief. An analysis of various Roman Catholic and Protestant theories of religious ethics and of specific questions of personal conduct and social policy.

RELI 3309/CF 3361 (3)

**BIOETHICS FROM A CHRISTIAN PERSPECTIVE**

This course will examine bioethics from a Christian ethical perspective with special attention to different methodological approaches to the significant themes and realities involved (e.g., life, health, suffering, death), and to the most important issues faced today.

RELI 3310/SOCI 3320 (3)

**THE SOCIAL-SCIENTIFIC STUDY OF RELIGION**

An introduction to scientific ways of thinking about the social, cultural, and psychological

RELI 3324 (3)

AMERICAN JUDAISM

An examination of Jewish life in America, including history, literature, cultural expressions, and religious beliefs from the 17th century to the present.

RELI 3326 (3)

NEW TESTAMENT

An introduction to the writings of the New Testament, the formative events, and the people who played leading roles in the origin of Christianity.

RELI 3329 (3)

ISLAM

An examination of the history, doctrines, and rituals of the Muslim community, including Islam in the past and present and in its global context.

RELI 3330 (3)

HISTORY OF CHRISTIANITY

An introduction to the European development of Christianity, focusing on the key movements, the outstanding leaders, and crucial turning points in the history of Christianity.

RELI 3331 (3)

RENEWAL OF ROMAN CATHOLICISM

The main section of the course will concentrate on a study of the more significant documents of the Second Vatican Council (1962–1965). An introductory part will consider the background prior to the Second Vatican Council and the changes that helped bring it about. A concluding part will deal with the more significant developments in Roman Catholicism in the last 30 years.

RELI 3333 (3)

RELIGION IN AMERICA

RELI 3340 (3)

**RELIGIOUS EXPERIENCE**

An examination of the varieties of religious experience from traditional forms of mystical and ecstatic experience, to nontraditional forms of altered states of consciousness. Attention is given to social, cultural, ethical, psychological, and existential dimensions of religious experience approached from a cross-cultural perspective.

RELI 3349 (3)

**EARLY CHRISTIANITY**

Major developments in the history of Christianity from 100 to 600. Emphasis is placed on institutional and ideological developments.

RELI 3350 (3)

**HISTORY OF BIBLICAL INTERPRETATION**

A survey of the interpretive approaches to the Bible in Jewish and Christian traditions from ancient times to the modern era. Topics will include interpretation in the biblical period, rabbinic and early Christian exegesis, mystical interpretation, and modern historical scholarship. The social context and the aims of interpretation will be key concerns of the course.

RELI 3352/CF 3346 (3)

**LOVE AND DEATH**

An exploration of love and death in the mythologies of Mesopotamia, Egypt, Canaan, Greece, and India. The interaction of these twin themes will be pursued as a key to the religious and philosophical perspectives of these ancient peoples. The significance of ancient mythology for modern reflection will be a central concern throughout the course.

RELI 3353/CFB 3353 (3)

**LATINO/A RELIGIONS**

An introduction to the Latino/a religions and religious practices in the United States, with a special emphasis on social constructions of the "borderland."

RELI 3358/CFA 3322 (3)

**PSYCHOLOGY OF RELIGION**

An investigation of the biological and psychological underpinning of religious belief, behavior,





RELI 3386 (3)

**MYTHS, EPICS, AND TALES FROM INDIA**

This course examines religious narratives from ancient India. We will read and analyze many examples across different genres (myth, epic, folktale) in text and performance, focusing on literary and historical context and interpretation.

RELI 3387/HRTS 3387 (3)

**RELIGION AND HUMAN RIGHTS**

Major world religious traditions and modern id

## Sociology

[www.smu.edu/sociology](http://www.smu.edu/sociology)

Professor Alan S. Brown, Chair

Professors: Anthony Cortese, Linda Brewster Stearns. Associate Professors: Richard Hawkins, Sheri Kunovich, Anne E. Lincoln. Assistant Professor: Matthew R. Keller. Senior Lecturers: J. Michael Cruz, Adrian Tan. Lecturer: Debra Branch. Visiting Lecturer: Nancy Campbell-Jeffrey.

The sociology curriculum includes courses on research design, data analysis, social theory, and conceptualization of domestic and international organizational and social problems. In today's information society, these skills give sociology majors a competitive advantage in the fields of social research, criminology, public administration, demography, policy analysis, gerontology, social work and market research and education.

will make a recommendation to departmental faculty regarding distinction. The department committee will then evaluate the merits of the paper and determine if distinction will be awarded. Either a B.A. or B.S. student can attempt distinction in sociology.

Students majoring in other departments may obtain a minor in sociology by completing SOCI 2300 or 2310; one of the following: SOCI 3311, 3312, 4313 or 4314; one additional course at the 4000 level; and two courses at the 3000 level or above, for a total of 15 hours.

SOCI 2180 (1), 2280 (2)

**SMU ABROAD – SOCIOLOGY**

Courses offered in SMU-approved international programs. Prior departmental approval required. May be repeated for credit under different subtitle. Maximum of 6 credit hours permissible toward the B.S. in Sociology.

SOCI 2300 (3)

**SOCIAL PROBLEMS**

Examines social problems within the contexts of their particular societies and cultures; how a social problem is defined; and how solutions are shaped by politics, corporations, media interests, and social movements. Prerequisite: First-year, sophomore, or junior standing only.

SOCI 2310 (3)

**INTRODUCTION TO SOCIOLOGY**

This course presents the sociological approach to understanding human behavior. Sociology considers how particular life experiences, attitudes, and values are shaped by membership in ascribed and achieved social categories such as social class, race/ethnicity, sex, sexuality, and nationality. Prerequisite: First-year, sophomore, or junior standing only.

SOCI 2377 (3)

**INTRODUCTION TO MARKETS AND CULTURE**

General introduction to economic sociology, examining the effects of culture and social relations on shaping production, distribution, and consumption in domestic and global markets. Prerequisites: First-year, sophomore, or junior standing; GPA of 2.700 or better.

SOCI 2380 (3)

**SMU ABROAD – SOCIOLOGY**

Courses offered in SMU-approved international programs. Prior departmental approval required. May be repeated for credit under different subtitle. Maximum of 6 credit hours permissible toward the B.S. in Sociology.

SOCI 3180 (1), 3280 (2)

**SMU ABROAD – SOCIOLOGY**

Courses offered in SMU-approved international programs. Prior departmental approval required. May be repeated for credit under different subtitle. Maximum of 6 credit hours permissible toward the B.S. in Sociology.

SOCI 3301/ANTH 3301/CFB 3301 (3)

**HEALTH, HEALING, AND ETHICS: CROSS-CULTURAL PERSPECTIVES ON SICKNESS AND SOCIETY**

A cross-cultural exploration of cultures and organization of medical systems, economic development and the global exportation of biomedicine, and ethical dilemmas associated with medical technologies and global disparities in health.

SOCI 3305/CFA 3310/ETST 2301 (3)

**INTRODUCTION TO RACE AND ETHNICITY IN THE UNITED STATES**

An interdisciplinary seminar designed to introduce students to the analysis of race and ethnicity in the United States.

SOCI 3311 (3)

QUALITATIVE RESEARCH METHODS

Provides an overview of commonly used qualit

SOCI 3370 (3)

**MINORITY-DOMINANT RELATIONS**

The nature, origins, and consequences of relationships between unequal groups; U.S. and other societies compared.

SOCI 3371 (3)

**SOCIOLOGY OF GENDER**

This course examines the social and cultural construction of gender within relationships, friendships, families, schools, the media, and the workplace. It also explores the intersection of gender with race, ethnicity, social class, and sexuality.

SOCI 3372 (3)

**CHICANOS IN THE SOUTHWEST**

Contemporary Chicano life and culture in the Southwest; effects of racism and rapid urbanization.

SOCI 3377 (3)

**ORGANIZATIONS AND THEIR ENVIRONMENTS**

Explores the theories and relationships between organizations and their environments. Applies these theories to the analysis of real-world organization activities. Prerequisite: C- or better in SOCI 2377; sociology or markets and culture majors only.

SOCI 3380 (3)

**SMU ABROAD – SOCIOLOGY**

Courses offered in SMU-approved international programs. Prior departmental approval required. May be repeated for credit under different subtitle. Maximum of 6 credit hours permissible toward the

SOCI 4340 (3)

**SOCIOLOGY OF CULTURE**

Provides an overview of the sociological study of culture, focusing on the ways language, artifacts, ideas, identities, and na

SOCI 4393 (3)

**INDIVIDUAL RESEARCH**

Undergraduate students develop an independent research project under the guidance of a departmental faculty member, culminating in a written report. Students may enroll in 1, 2, or 3 credit hours. Prerequisites:

	Credit Hours
Mathematics and Statistics:	21
MATH 1337, 1338, 2339 STAT 3304 or 5304 STAT 4340 or 5340 STAT 5371, 5372	
Electives:	21
ECON 5350, or 5375, or 5385 Two from STAT 3312, 3370, 4385, 5377 At least 12 hours from the following: ECON any 4000-level or higher class EMIS 3360, 5300, 5301, 5303, 5305, 5307, 5330, 5335, 5357, 5361, 5364, 5369 MATH 2343, any 3000-level class, 4334, 4338, any 5000-level class MKTG 3342 STAT 1301, or 2301, or 2331; or ITOM 2305 (only one) Other approved courses	
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A minor in statistical science is a valuable complement to majors in the natural or social sciences, engineering or business. Students planning careers that involve the collection, processing, description and/or the analysis of quantitative information will enhance their career opportunities with a minor in statistical science. A minor in statistical science requires at least 15 term hours, as specified below.

	Credit Hours
STAT 1301, or 2301, or 2331; or ITOM 2305	3
At least one from STAT 3312, 3370, 4340, 4385, 5377;	

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STAT 3304/STAT 5304 (3)

**INTRODUCTION TO STATISTICAL COMPUTING**

Intended for undergraduate statistics majors and minors, and students from other disciplines who are interested in statistical computing. R and SAS, two widely used statistical languages for research and industry, are used throughout the course. Enables students to do essential

standard sampling plans: MIL-STD 105, MI



The program should expose the student to the diversity of gender meanings within and across cultures.

Many courses are offered each year, and with few exceptions, the remainder are available at least every other year. Students should consult with the director about offerings and frequency.

- ANTH 3310 Gender and Sex Roles: A Global Perspective
- ANTH 3328 Gender Violence: What Does Culture Have to Do With It?
- ANTH 3336 Gender and Globalization: Cultural and Ethical Issues
- ANTH 4351 Gender Embodiment
- ANTH 4386, 6386 The Archaeology of Gender and Sexuality
- ARHS 3358, 6389 Women in the Visual Arts: Both Sides of the Easel
- ARHS 4371/WGST 3381 Modern Myth-Making
- CCJN 4360 Women and Minorities in Mass Media
- COMM 3341 Ethnicity, Culture, and Communication
- ECO 4351 Labor Economics
- ECO 5357 Economics of Human Resources
- ENGL 1360 The American Heroine: Fiction and Fact
- ENGL 3344 Victorian Gender
- ENGL 3367 Ethical Implications of Children's Literature
- ENGL 3371/HIST 3357 Joan of Arc: Her Story in History, Literature, and Film
- ENGL 3377 Literature and the Construction of Homosexuality
- ENGL 3373/WL 3359 Masculinities: Images and Perspectives
- ENGL 3364/WGST 3370 Women and the Southwest
- \* ENGL 3379 Literary and Cultural Contexts of Disability: Gender, Care, and Justice
- ENGL 3361, 4343, 4363, 6391, 6392, 6393, 6394, 6395 Seminars
- \* ENGL 4330 Renaissance Writers
- FILM 2332 American Popular Film
- FILM 2362 Diversity and American Film
- \* FILM 3310 Screen Artists
- FILM 3360 Gender and Representation in World Cinema
- \* FILM 3395, 3398 Topics in Cinema/Television
- FILM 4350 Gender Issues in Communication
- \* FREN 5334 Genre Studies: In Their Place: French Women Writers and Society
- \* HIST 1322 Seminar in European History
- HIST 3301 Human Rights: America's Dilemma
- HIST 3310 Problems in American History: Women's Movements/Gender Systems
- HIST 3312 Women in American History
- HIST 3317 Women in Latin-American Societies
- HIST 3327

- HX 7327 Women/History of Christianity (Perkins' graduate course; instructor approval)  
 HX 8329 Mary and Christian Tradition (Perkins' graduate course; instructor approval)  
 MDVL 3352 Ideas and Ideals of Gender in the Middle Ages  
 MUHI 3341 Women and Music "Like a Virgin": From Hildegard to Madonna  
 MUHI 4341 Women Composers/Performers in the 19th and 20th Centuries (majors only)  
 PHIL 3305 Philosophy and Gender  
 PLSC 3370 Women and Politics  
 PLSC 4339 Women and the Law  
 PLSC 4344 Gender in World Politics  
 PSYC 3371 Psychology of Women  
 RELI 3375 Wives, Mothers, Lovers, Queens  
 RELI 3376 Constructions of Gender, Sexuality, and the Family in South Asian Religions  
 RELI 3380 Women and Religion in America  
 SOCI 3345 Media Ethics and Gender  
 SOCI 3351 Marriage and the Family  
 SOCI 3371 Sociology of Gender  
 SOCI 4373 Race, Gender, and Inequality  
 \* SPAN 5336 (Re)presentations of Gender in the Contemporary Short Latin-American Novel  
 ST 8375 Feminist/Womanist Theologies (Perkins' graduate course; instructor approval)  
 THEA 4381 Studies in Contemporary Performance: Solo Performance  
 THEA 4383 Gender and Performance  
 WL 3312 Women in Modern China  
 WL 3363/WGST 3347 Figuring the Feminine  
 WO 8308 Women and Worship (Perkins' graduate course; instructor approval)

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\* Topics of these courses vary by term and must be approved by the director of WGST.

WGST 1395 (3), 2395 (3)

**SPECIAL TOPICS ABROAD IN WOMEN'S AND GENDER STUDIES**

Course offered in SMU-approved international programs. Prior approval by the director is required. A maximum of 3 credit hours may be applied toward the minor in women's and gender studies.

WGST 2308 (3)

**REVISIONS: WOMAN AS ARTIST**

This course is designed to discover how an emphasis on the particular experiences of women can enhance and complicate traditionally conceived areas of scholarship and critical endeavor. It also explores areas of women's experience traditionally undervalued, such as friendship, sexuality, motherhood, and old age.

WGST 2309/CFA 3309/HRTS 3309 (3)

**LESBIAN AND GAY LITERATURE AND FILM: MINORITY DISCOURSE AND SOCIAL POWER**

The exploration, through literature and film, of the struggles by gay men and lesbians to create social identities and achieve human rights. Study of key cultures and pivotal historical periods in the West from ancient Greece to contemporary America.

WGST 2315/CFA 3315 (3)

**GENDER, CULTURE, AND SOCIETY**

An interdisciplinary study of gender ideology stressing anthropological and literary perspectives, this course analyzes gender difference as a structuring principle in all societies and ex-

WGST 3310/HRTS 3310 (3)

**GENDER AND HUMAN RIGHTS**

Introduction to global women's human rights and other intersections of human rights and gender, such as abuse of children's rights, gender-based violence, health and reproductive rights, and evolving concepts of sexual rights.

WGST 3328/ANTH 3328 (3)

**GENDER VIOLENCE: ANTHROPOLOGICAL PERSPECTIVES**

This course examines how gender-based violence shapes individual subjectivities and collective experiences, material realities, and psychological states, as well as the impacts of interventions on intimate, interpersonal, local, and global scales.

WGST 3347/CF 3347/WL 3363 (3)

**FIGURING THE FEMININE**

This course introduces students to a large body of French literary texts (in translation) by and about women, which bear witness to women's struggle for civil, social, and political adulthood.

World Languages and Literatures

[www.smu.edu/worldlanguages](http://www.smu.edu/worldlanguages)

Associate Professor Marie-Luise Gätgens, Department Chair

Arabic: Lecturer: Liljana Elverskog. Adjunct Lecturer: Bashir Ansari. French: Associate Professors: William Beauchamp, Dayna Oscherwitz. Assistant Professor: Hervé Tchumkam. Senior Lecturers: Gwen Aaron, Heather Garrett-Pelletier, Rita Winandy. Lecturers: Denis Bettaver, Paola Buckley, Martine Kincaid. Adjunct Lecturer: Kathleen Hugley-Cook. Chinese: Lecturers: Guang Chen, Yan Xia. Adjunct Lecturers: Wei Qu, Yang Xue. German: Associate Professors: Gordon Birrell, Marie-Luise Gätgens. Adjunct Lecturer: Rob Kohn. Italian: Lecturers:

Minor in Arabic

Required Courses	Credit Hours
ARBC 2301, 2302, 3301, 3302, or equivalents	12
Two from the following, with at least one 3000-level or higher:	6
ANTH 3359	
ARBC 4312	
ARHS 3354, 3392 (CFA 3313)	
HIST 2355, 2379, 3323, 3326 (CF 3310), 3389, 3390	
PLSC 3345	
RELI 3329, 3362	
WL 3355	

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Arabic Courses

All courses are conducted in Arabic.

ARBC 1310 (3), 1320 (3), 2310 (3), 2320 (3), 3310 (3), 3320 (3)

SPECIAL TOPICS ABROAD IN ARABIC

Courses in SMU-approved international programs. Prior departmental approval required.

ARBC 1401 (4)

BEGINNING ARABIC I

Introductory course for students with no knowledge of the language. The course presents essential vocabulary, grammar and Arabic culture.

ARBC 1402 (4)

BEGINNING ARABIC II

This course continues the oral practice, reading, writing, grammar and cultural studies begun in ARBC 1401. Students will acquire a substantial amount of vocabulary and idiomatic language. Prerequisites: ARBC 1401 (C- or higher), or its equivalent.

ARBC 2301 (3)

INTERMEDIATE ARABIC I

This course continues oral practice, reading, writing, grammar and cultural studies. Students will acquire a substantial amount of vocabulary and idiomatic language and more advanced syntax. Prerequisites: ARBC 1402 or equivalent.

ARBC 2302 (3)

INTERMEDIATE ARABIC II

This course continues the oral practice, reading, writing, grammar and cultural studies. Students will acquire a substantial amount of vocabulary and idiomatic language and more advanced syntax. Prerequisites: ARBC 2301 (C- or higher), or its equivalent.

ARBC 3301 (3)

ADVANCED ARABIC I

This course provides a thorough study of authentic materials in classical prose for mastery of classical Arabic and involves more extended readings and discussions of contemporary and historical cultural topics. Prerequisites: ARBC 2302 or its equivalent.

ARBC 3302 (3)

ADVANCED ARABIC II

This course provides a thorough study of authentic materials in classical prose for mastery of classical Arabic and involves more extended readings and discussions of contemporary and historical cultural topics. Prerequisites: ARBC 3301 (C- or higher), or its equivalent.

ARBC 4312 (3)

ADVANCED MEDIA ARABIC

Introduces authentic texts and audio files from a wide variety of media sources and emphasizes the semantic and stylistic aspects of media Arabic rather than its grammar. Prerequisites: ARBC 3301 and 3302, or placement test, or departmental permission.



Minor in Chinese

Students taking CHIN 4381 and 4382 for the language training component of the requirement must take another course from the list of supporting courses (Chinese culture, history or literature courses), for a total of 20 hours. Students testing into

G.P.A. of 3.00 or higher; G.P.A. in Chinese of 330 or higher; sponsorship of a professor and of the organization, agency, or corporation.

CHIN 4380 (3)  
DIRECTED STUDIES IN CHINESE

Independent study in Chinese literature and culture in selected topics, authors and genres. Permission of department required.

CHIN 4381 (3)  
READINGS IN CHINESE LITERATURE AND CULTURE

An upper-level course designed for students who have finished third-year Chinese. Students will enhance their four-year language skills, especially reading and writing, through a wide variety of primary, unedited texts. Prerequisite: CHIN 3312 or consent of area chair.

CHIN 4382 (3)  
CHINESE CULTURE AND SOCIETY IN FILMS

An advanced course designed for students who have completed third-year Chinese. Enhancement of all four language skills through original unedited texts and films from China and Taiwan. Prerequisite: CHIN 3312 or consent of area chair.

CHIN 4385 (3)  
INTERNSHIP IN CHINESE

This course offers students experience in organizations where knowledge of Chinese and the cultures of Chinese-speaking countries is relevant: Corporations involved in international business, government agencies, health clinics, etc. Prerequisite: Junior or senior standing; an overall G.P.A. of 3.00 or higher; G.P.A. in Chinese of 3.30 or higher; sponsorship of a professor and of the organization, agency, or corporation.

Bachelor of Arts With a Major in French

Courses are to be selected in consultation with the major adviser. Study with SMU-in-Paris and/or SMU-in-the-South of France is strongly recommended.

Required Courses	Credit Hours
FREN 2455, 3356, 4370	10
FREN 4375, 4371or 4372	6
Two 5000-level FREN courses	6
Electives: Two 4000- or 5000-level FREN courses	6
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Minor in French

Required Courses	Credit Hours
FREN 2401 or equivalent	4
FREN 2455, 3356, 4370or 4375	10
Two 4000-level FREN courses	6
	20

French Courses

All courses are conducted in French.

Language Courses	FREN 1401, 1402, 2201, 2401, 2455, 3356, 4103, 4185, 4285, 4385, 4355, 4356, 4357
Literature and Culture Courses	FREN 4365, 4370–76, 4391, 5180, 5320–21, 5334–35, 5344–45, 5350–51, 5361, 5365–68, 5380–81



business, government agencies, health clinics, etcPrerequisites: Junior or senior standing; an overall G.P.A. of 3.00 or higher; G.P.A. in French of 3.30 or higher; sponsorship of a professor and of the organization, agency, or corporation

FREN 4321 (3), 4322 (3)

**SPECIAL TOPICS ABROAD IN FRENCH**

Courses in SMU-approved international programs. Prior departmental approval required.

FREN 4376 (3)

**INTRODUCTION TO FRANCOPHONE CULTURES**

Introduction to cultures once colonized by France. An exploration of the history and impact of French colonization on North America, Africa and the Caribbean and the relationship between these regions and France. Prerequisites: C- or better in FREN 4370 or permission of area chair.

FREN 4379 (3)

**INTRODUCTION TO FRENCH CULTURE AND LITERATURE I**

Survey of French social, cultural, and literary histories from the time of Charlemagne to the end of the reign of Louis XIV. Prerequisites: FREN 4370.

FREN 4380 (3)

**INTRODUCTION TO FRENCH CULTURE AND LITERATURE II**

Survey of French and francophone social, cultural, and literary histories from the death of Louis XIV to the Dreyfus Affair. Prerequisites: FREN 4370.

FREN 4381 (3)

**INTRODUCTION TO FRENCH CULTURE AND LITERATURE III**

Survey of French and francophone social, cultural, and literary histories from the beginning of the 20th century to the present. Prerequisites: FREN 4370.

FREN 4385 (3)

**INTERNSHIP IN FRENCH**

This course offers students experience in organizations where knowledge of French and the cultures of French-speaking countries is relevant.

FREN 5365 (3), 5366 (3)

**TOPICS IN FRENCH AND FRANCOPHONE CINEMA**

A seminar in French and Francophone film studies. Topics vary. Prerequisites: C- in FREN 2455, 3356 or permission of instructor and French area chair.

FREN 5367 (3), 5368 (3)

**MAJOR AUTHORS**

Focused study of one especially important writer/thinker whose work has had a major impact on French and European literature and thought. Examples: Montaigne, Rousseau, Balzac, Sartre, etc. Prerequisites: C- or better in FREN 4370 and any two other courses at the 4000 level, or permission of area chair.

FREN 5380 (3), 5381 (3)

**TUTORIAL FOR JUNIORS AND SENIORS**

By invitation of the entire area only. Special project set up with the help of the area chair. Prerequisites: Permission of the department.

**Bachelor of Arts With a Major in German**

Proficiency in written and spoken German is demonstrated by coursework in GERM 3311. Study in the SMU-in-Weimar summer program or in an approved term or junior-year program in a German-speaking country is highly recommended. Suggested electives outside the German area are courses in a second world language; other world literature in translation; literary criticism; English and American literature; linguistics, semiotics or philology; and German art history, philosophy or history.

Required Courses	Credit Hours
GERM 3311, 3320	6
Electives (3000 level and above, approved by adviser)	18
	<hr/> 24

**Minor in German**

Required Courses	Credit Hours
GERM 2311, 2312, 3311	9
Three advanced GERM courses approved by adviser	9
	<hr/> 18

**German Courses**

All courses are conducted in German.

GERM 1101 (1)

**CONVERSATIONAL PRACTICE**

An introduction to the German sound system and systematic practice of simple speech patterns.

GERM 1303 (3)

**BASIC CONVERSATION**

Systematic description of speech patterns and of carefully designed discussion models for students with no prior knowledge of German.

GERM 1401 (4)

GERM 2101 (1)

**CONVERSATIONAL PRACTICE**

Systematic practice of speech patterns and simple discussion models as well as rapidity drills and free delivery practice. Prerequisite: GERM 1402 or the equivalent, or permission of instructor.

GERM 2311 (3)

GERM 4310 (3)

**MIDDLE AGES TO PRESENT: GERMAN POETRY**

Historical survey of poetic forms from medieval Minnesang through the Baroque and Sturm und Drang to Classicism, Romanticism, and 20th-century styles. Prerequisite: GERM 3320, 3313 or permission of instructor.

GERM 4320 (3)

**MODERN DRAMA**

Critical reading of dramatic works by major German, Austrian, and Swiss authors (Büchner, Schnitzler, Brecht, Dürrenmatt, Aichinger, Bachman, Müller, Jelineck, and others), with some attention to critical theory. Prerequisites: GERM 3313, 3320 or permission of instructor.

GERM 4321 (3), 4322 (3)

**SPECIAL TOPICS ABROAD IN GERMAN**

Courses in SMU-approved international programs. Prior departmental approval required.

GERM 4330 (3)

**NINETEENTH-CENTURY STORIES**

Short narrative forms from Romanticism through Realism to fin-de-siecle Vienna: Grimm, Eichendorff, Kleist, Storm, Schnitz-5(rms f 3t)-1(c)pt(e)4.7(ni,)-4.7(-1.2(ms.))-1(c ))TJ /TT6 1 Tf 3-.064 0 T



GERM 5330 (3)

**PROBLEMS WITH THE SELF**

Poems, essays, and novellas dealing with the perception of self, from the middle ages to modern times. Walther, Fleming, Lichtenberg, Kleist, Goethe, Hesse, Mann, and others. Prerequisite: Any 4000-level course, or permission of instructor.

GERM 5380 (3), 5381 (3)

**DIRECTED STUDIES**

Independent study in German literature and culture in selected topics, authors, and genres. Prerequisite:

ITAL 3355 (3)

**ADVANCED ITALIAN CONVERSATION**

An advanced course for majors and non-majors intended to improve linguistic proficiency within the context of studying Italian contemporary movies and culture. Prerequisite: C- or better in Italian 2402 or permission of the instructor.

ITAL 3357 (3)

**GRAMMAR AND COMPOSITION**

Analysis and imitation of short contemporary texts: letters, film reviews, articles, criticism, narratives. Development of oral and written proficiency. Selective study of grammar. Prerequisite: ITAL 2401.

ITAL 3373 (3)

**ITALIAN CULTURE**

The evolution of Italian society with emphasis on cultural, artistic, and intellectual trends. Prerequisite: ITAL 2401.

ITAL 4185 (1), 4285 (2)

**INTERNSHIP IN ITALIAN**

This course offers students experience in organizations where knowledge of Italian and the cultures of Italian-speaking countries is relevant: corporations involved in international business, government agencies, health clinics, etc. Prerequisites: Junior or senior standing; an overall G.P.A. of 3.00 or higher; G.P.A. in Italian of 3.30 or higher; sponsorship of a professor and of the organization, agency, or corporation.

ITAL 4320 (3), 4321 (3)

**SPECIAL TOPICS ABROAD IN ITALIAN**

Courses in SMU-approved international programs. Prior departmental approval required.

ITAL 4323 (3)

**MODERN ITALIAN LITERATURE II**

From the latter half of the 19th Century to World War I. Realism, Decadentism, and m, -2TJ/TT4 16iP

## Minor in Japanese

Required Courses	Credit Hours
JAPN 2401, 2402, 3311, 3312	14

## Minor in Latin

Required Courses	Credit Hours
LATN 2311, 2312; three from LATN 3323, 3324, 3325, 3326	15
One from the following:	3
ARHS 3312, 3314, 3316, 3318 (CF 3392), 3319	
CLAS 2311; ENGL 3382	
HIST 3350, 3354, 3355 (CF 3325), 3356, 3361	
One 3000-level LATN course	
RELI 3352 (ARHS 3346), 3371 (CFA 3307)	

## Minor in Russian Area Studies

	Credit Hours
<b>Required Courses:</b>	
RUSS 2341, 2351	6
One from RUSS 3323, 3351, 3361, 3362	3
RUSS 3341, 3302	6
or RUSS 3304 and one supporting course	
or two supporting courses (listed below)	
<b>Supporting Courses:</b>	
HIST 3340, 3341, 5367	
PLSC 3351, 3358, 3359 (CFA 3359), 3365, 4358, 4384	
WL 3323	
	15

## Russian Courses

All courses are conducted in Russian.

RUSS 1351 (3)

**RUSSIAN FOR READING KNOWLEDGE I: GRAMMAR/SYNTAX**

A comprehensive overview of the grammar and syntax of Russian, both for students who aim at reading proficiency only, and for those who expect to use this course as a platform for developing conversational and writing skills later on.

RUSS 1401 (4), 1402 (4)

**BEGINNING RUSSIAN**

An overview of the structures of the Russian language, with emphasis on skills of comprehension, speaking, reading, and writing. "Foundations" sections (two 50-minute classes per week) will aim at understanding concepts and grammatical structures, while "Applications" sections (three 50-minute classes per week) will concentrate on oral drill and conversation practice. Prerequisite for 1402: C- or better in 1401 or permission of area chair.

RUSS 2341 (3)

**RUSSIAN READING AND CONVERSATION**

Russian language work beyond the first-year level is done in multilevel workshops, organized by

RUSS 3311/RUSS 3341 (3)

**ADVANCED RUSSIAN CONVERSATION**

Intensive training in Russian composition with a thorough study of grammatical structure. Continued work on conversation and reading. Prerequisite: Russian 2312 or consent of instructor.

RUSS 3312/RUSS 3351 (3)

**ADVANCED RUSSIAN COMPOSITION**

Continuation of Advanced Russian Grammar and Syntax I. Prerequisite: Russian 3311 or consent of instructor.

RUSS 3321 (3), 3322 (3)

**SPECIAL TOPICS ABROAD IN RUSSIAN**

## Bachelor of Arts With a Major in Spanish

Heritage and native speakers of Spanish follow a special track. The distinction between heritage and native speakers is described on the Spanish page ("FAQs" tab) of the Dedman College website at [smu.edu/dedman](http://smu.edu/dedman). Courses are to be selected in consultation with the major adviser. Students who do not place out need to complete the sequence of first-year courses (SPAN 1401 and 1402) and second-year courses (SPAN 2401 and 2302) before taking any 3000-level course. Proficiency in written and spoken Spanish is demonstrated by coursework in SPAN 3358 and proficiency in Spanish conversation by SPAN 3355, which may be taken concurrently. Study abroad in a Spanish-speaking country is strongly recommended. Suggested electives outside the Spanish area are courses in a second world language, other world literature in translation, literary criticism, English and American literature, and courses listed under the Latin-American and Iberian studies major in the International and Area Studies section of this catalog.

Track for Heritage Speakers. Heritage speakers must replace SPAN 3355 with SPAN 4355 and SPAN 3358 with SPAN 4358.

Track for Native Speakers. Native speakers will start coursework at the 4000 level. Native speakers who have not had formal academic training in written Spanish may begin coursework with SPAN 4358.

Required Courses	Credit Hours
SPAN 3355 (or 4355), 3358 (or 4358)	6
Two 3000-level SPAN courses	6
SPAN 4395	3
Three or more 5000-level literature courses (at least one in Spanish literature and one in Spanish-American literature)	9
	24

## Minor in Spanish

Heritage and native speakers of Spanish follow a special track. The distinction between heritage and native speakers is described on the Spanish page ("FAQs" tab) of the Dedman College website at [smu.edu/dedman](http://smu.edu/dedman). Students who do not place out need to complete the sequence of first-year courses (SPAN 1401 and 1402) and second-year courses (SPAN 2401 and 2302) before taking any 3000-level course. SPAN 3353 and 3358 may be taken concurrently.

Track for Heritage Speakers. Heritage speakers must replace SPAN 3355 with SPAN 4355 and SPAN 3358 with SPAN 4358.

Track for Native Speakers. Native speakers will start coursework at the 4000 level. Native speakers who have not had formal academic training in written Spanish may begin coursework with SPAN 4358.

Required Courses	Credit Hours
SPAN 2302 or equivalent	3
SPAN 3355 (or 4355), 3358 (or 4358)	6





SPAN 3313 (3)

**CULTURAL DIALOGUES: LATIN AMERICA**

Improving linguistic proficiency by surveying Latin-American culture and history. Course content varies; may include Latin-American film, music, art, etc. Prerequisite: C- or better in SPAN 3358. Not for heritage or native speakers of Spanish.

the U.S. Prerequisite:

~~SPAN 5317 (3)~~

~~LITERATURE OF MEXICO~~

~~Readings and discussions of the works of major Mexican writers. Prerequisite: C- or better in~~

~~SPAN 4395~~

~~SPAN 5318 (3)~~

~~THE RENAISSANCE AND GOLDEN AGE: DRAMA~~

~~A study of the early development of Spanish drama and of the flourishing of the theatre with~~  
~~Lope de Vega and Calderon de la Barca, and their contemporaries Prerequisite: C- or better in~~

~~SPAN 4395~~

~~SPAN 5319 (3)~~

~~THE RENAISSANCE AND GOLDEN AGE: PROSE FICTION~~

~~An examination of the development of Spanish narrative through various modes of idealism,~~  
~~politics, and self-reflection. Readings include works from Cervantes and Zayas, their contempo-~~  
~~raries, and their literary predecessors. Prerequisite: C- or better in SPAN 4395.~~

~~SPAN 5320 (3)~~

~~NINETEENTH-CENTURY PROSE FICTION~~

~~Readings of major writers of the Realistic and Naturalistic movements in the context of 19th-century~~  
~~politics, social, and economic development.~~

~~SPAN 5321 (3)~~

~~TWENTIETH-CENTURY POETRY AND DRAMA~~

~~Poetry and theater of the Generations of 1898 and 1927 and more.~~

~~SPAN 5326 (3)~~

~~TWENTIETH-CENTURY PENINSULAR PROSE FICTION~~

~~Examination of significant individuals, movements, themes, and works of 20th-century Spanish~~  
~~prose fiction, e.g., generation of 1898, exile of 1939, Francoism, transition to democracy, social~~  
~~realism, and postmodernism. Prerequisite: C- or better in SPAN 4395.~~

~~SPAN 5327 (3)~~

~~SPAN 5328 (3)~~

~~SELECTED TOPICS ABROAD IN SPANISH~~

~~Concentration in SMU-approved international programs. Prior departmental approval required.~~

~~SPAN 5329 (3)~~

~~THE NOVEL: POST-CIVIL WAR~~

~~The development of the novel and short story in Spain from 1940 to the present. Readings from~~  
~~Ortega y Gasset, Sanchez Ferlosio, Goytisolo, etc Prerequisite: C- or better in SPAN 4395.~~

~~SPAN 5330 (3)~~

~~GENRE STUDIES (SPAIN)~~

~~A study of the evolution of contemporary Spanish theatre within the context of dominant~~  
~~aw [f]ol 71CT - Cald. 3.3.262n)-10.9(isite:)/Tj /TT59:~~

SPAN 5340 (3)  
THE STRUCTURE OF SPANISH

Linguistics and World Literatures and Languages Courses

All courses are conducted in English.

Chinese Culture and Literature	WL 3310, 3312, 3325, 3395
French Literature	WL 3361 (SMU-in-Paris only)



WL 3335/CF 3335/HIST 3335 (3)  
ONE KING, ONE LAW: FRANCE

This course examines the culture of France through its history and literature. It emphasizes historical developments, ideas and literary texts that define and illuminate French Classicism and absolutism. The course focuses on the earlymodern period, when France set the cultural tone and made significant contributions to the transformation of Western civilization. The course also provides a foundation for understand

WL 3369/CF 3369 (3)

**PERSPECTIVES ON MODERN GERMANY**

A multidisciplinary survey of the German heri tage, with emphasis on Germany's quest for identity and unity. Prerequisite: Sophomore standing or permission of instructor.

WL 3370/CFB 3360 (3)

**SHADOWS OF ENLIGHTENMENT: HUMAN RIGHTS IN GERMANY**

Study of documents and debates on human rights, literature, and art from the Enlightenment to the present. Discussion of the Holocaust, human rights concerns in divided Germany, migration, and multiculturalism.

WL 3390 (3)

**ITALIAN CINEMA**

A chronological survey of Italian cinema from its beginnings to the present. Themes and cinematic styles of several internationally noted directors such as Rossellini, DeSica, Fellini, Antonioni, and Bertolucci, with attention to the Italian cinema as a reflection of sociopolitical trends.

WL 3391 (3)

**ITALIAN LITERATURE IN TRANSLATION: THE ITALIAN NOVEL**

A close reading of five representative works. While the novels are considered in light of historical events, students give special attention to form and rhetoric in order to understand the novel's unique ability to express and create reality.

WL 3392 (3)

**ITALIAN LITERATURE IN TRANSLATION: EARLY HUMANISM**

The course defines and characterizes the major aspects of 14th-century humanism by exploring the seminal works of Petrarch, Boccaccio, Salutati, Valla, and others.

WL 3393 (3)

**DANTE'S POETIC VISION**

Students read "Inferno" and "Purgatory" in English translation and explore the cultural and poetic values that reflect a specific world vision strongly conditioned by religious and political philosophy.

WL 3394 (3)

**BOCCACCIO'S DECAMERON AND MEDIEVAL STORYTELLING**

Students read stories from the Decameron in English translation along with such narrative predecessors as the Roman exempla, hagiography, monks' tales, sermons, and the bawdy French tales known as the fabliaux.

WL 3395/CF 3395 (3)

**A CULTURAL JOURNEY TO CHINA**

Suzhou, in China's cultural heartland, hosts this course on the development of Chinese culture: religion, literature, cinema, art, architecture, and history. Trips complement readings centered on self, family and state.

WL 3397/HIST 2394 (3)

**CHINA BEFORE 1850**

Examines changes and continuities from Neolithic times to 1850 in Chinese state, society, and religion, and the relations among the three spheres, through scholarly writings and primary sources.

WL 3398/HIST 2395 (3)

**MODERN EAST ASIA**

A survey of modern East Asia emphasizing an outline of the traditional societies, the Western impact, Japanese industrialization and imperialism, Pearl Harbor, and the rise of Chinese communism.

WLAN 3311 (3), 3313 (3)

**SPECIAL TOPICS ABROAD IN WORLD LANGUAGES**

Courses in SMU-approved international programs. Prior departmental approval required.