The vice president for Student Affairs is charged with providing guidance, support services and a variety of programs and activities intended to complement the academic pursuits of students and to promote their development.

The mission of the Division of Student Affairs (www.smu.edu/studentaffairs/) is to develop, with others in the University, opportunities for students to become productive citizens through the creation of challenging environments that contribute to students' intellectual, spiritual, physical, social, cultural, moral and emotional growth, and, in so doing,

tion of personal standards of honesty and integrity is a goal of education in all the disciplines of the University.

The faculty has the responsibility of encouraging and maintaining an atmosphere of academic honesty by being certain that students are aware of the value of it, that they understand the regulations defining it, and that they know the penalties for departing from it. The faculty should, as far as is reasonably possible, assist students in avoiding the temptation to cheat. Faculty members must be aware that permitting dishonesty is not open to personal choice. A professor or instructor who is unwilling to act upon offenses is an accessory with the student offender in deteriorating the integrity of the University.

Students must share the responsibility for creating and maintaining an atmosphere of honesty and integrity. Students should be aware that personal experience in completing assigned work is essential to learning. Permitting others to prepare their work, using published or unpublished summaries as a substitute for studying required material, or giving or receiving unauthorized assistance in the preparation of work to be submitted are directly contrary to the honest process of learning. Students who are aware that others in a course are cheating or otherwise acting dishonestly have the responsibility to inform the professor and/or bring an accusation to the Honor Council.

Students and faculty members must mutually share the knowledge that any dishonest practices permitted will make it more difficult for the honest students to be evaluated and graded fairly and will damage the integrity of the whole University. Students should recognize that both their own interest, and their integrity as individuals, will suffer if they condone dishonesty in others.

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All students at SMU, with the exception of those enrolled in School of Law, Perkins School of Theology and Cox M.B.A. School, are subject to the jurisdiction of the Honor Code and as such will be required to sign a pledge to uphold the Honor Code (www.smu.edu/studentlife/). The Honor Council is composed of approximately 27 students selected through an application and interview process by the Honor Council Executive Board and five faculty members nominated by the Faculty Senate. The council's responsibility is to maintain a n d p r o m o t e a c a d e m i c h o n e s t y.

Academic dishonesty is defined broadly as a student's misrepresentation of his or her academic work or of the circumstances under which that work is done. This includes plagiarism in all papers, projects, take-home exams, or any other assignments in which the student submits another's work as being his or her own. It also includes cheating on examinations, unauthorized access to test materials and/or assisting another student in gaining any unfair academic advantage. Lastly, it includes academic sabotage, defined as intentionally taking any action that negatively affects the academic work of another student. Failure to prevent or report academic dishonesty by another may be considered participation in a dishonest act.

Suspected cases of academic dishonesty may be handled administratively by the appropriate faculty member in whose class the alleged infraction occurred

The Office of New Student Programs (www.smu.edu/newstudent) provides on-going programs and services that support new students and families in

educational Greek organization on campus. Formal recruitment activities are held at the beginning of the spring term each year. The governing bodies for these groups are the Interfraternity Council, the Multicultural Greek Council, the National Pan-Hellenic Council and the Panhellenic Council. Students must meet the requirements as indicated in the SMU Student Handbook - Student Code of Conduct section 5.2(b) - in order to join a fraternity or sorority. More details on fraternity and sorority recruitment are available from the Student Activities Center or at www.smugreeks.com

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Campus activities and organizations are an integral part of the developmental experience for SMU students. Leadership skills and interpersonal, social and cultural enhancement are but some of the benefits associated with out-ofclass participation. Accordingly, students who hold office in a student organization or represent the University as a member of a sponsored campus group (Mustang Band, University Choir, etc.) must be matriculated in a University degree-granting program and may not be on academic probation.

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Hughes-Trigg Student Center (www.smu.edu/htrigg/) is the hub of student life at SMU, bringing together members of the University community with emphasis on the pursuit of educational programs, student activities and services. The center is fully wheelchair-accessible and features important services and resources to meet the daily needs of students, faculty, staff and visitors of the University. These include a 500-seat theater, a multipurpose ballroom, a 100-seat high-tech forum, 18 meeting rooms and the offices of various organizations and departments. In addition, the facility houses an art gallery, a 24-

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provides resources, training and opportunities that enable students, faculty and staff to work with community agencies in community outreach activities and experiential education. The office maintains a current listing of volunteer and service-learning opportunities and serves as a resource for student service personality. Career assessments are administered to promote the exploration of career options. Counselors also assist with the implementation of career plans and the development of job search skills, materials and strategies. To fully utilize the services of the Hegi

Family Career Development Center, including participation in campus recruit-

ing and job referral programs, each student must comp(i)Tjomp(i)Tjod u esisgtes).(r)26(o)-236(r)26(rat Co)-232(.4(a)-.

of national testing programs such as the SAT, LSAT, GRE Subject, PRAXIS and TASP. Other testing offered includes CLEP tests and correspondence examinations for other universities. For additional information, call the center at 214-768-2269.

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Outdoor Adventures comprises Outdoor Recreation (outdoor trips), The Rental Shop (renting outdoor equipment), SMU Climbing Center (climbing wall and bouldering wall), and Challenge and Team-Building Activities (incorporating a portable challenge course). SMU OA offers fun and challenging outdoor recreation activities, community-building programs and leadership opportunities through backpacking, rock climbing, kayaking, canoeing and more.

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The Perkins Nattt

Southern Methodist University is pleased to provide information regarding academic programs, enrollment, financial aid, public safety, athletics and services for persons with disabilities. The information is available in a conveniently accessible Web site at www.smu.edu/srk. You also may obtain paper copies of this information by contacting the appropriate office listed in the table below. Disclosure of this information is pursuant to requirements of the Higher Education Act and the Campus Security Act.

- a. Current degree programs and other educational and training programs.
- b. Instructional, laboratory, and other physical facilities relating to the academic program.
- c. Faculty and other instructional personnel.
- d. Names of associations, agencies or governmental bodies that accredit,

- ii. Service under the Domestic Volunteer Service Act of 1973; or
- iii. Comparable service as a volunteer for a tax-exempt organization of demonstrated effectiveness in the field of community service.
- d. The requirements for return of Title IV grant or loan assistance.
- e. Enrollment status of students participating in SMU Study Abroad programs, for the purpose of applying for federal financial aid.

the College. Undergraduate students in Dedman College may major in any one of 52 programs, and choose from 50 minor programs. The College offers 20 graduate programs leading to a Master's degree and 13 programs leading to a Doctor of Philosophy degree. Its 16 academic departments include: Anthropology, Biological Sciences, Chemistry, Economics, English, Foreign Languages and Literatures, Geological Sciences, History, Mathematics, Philosophy, Physics, Political Science, Psychology, Religious Studies, Sociology and Statistical Science. In addition, thS Monetary Economics Public Economics English Mathematics

Statistical Science Women's Studies

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 minors in other schools on campus, including the Edwin L. Cox School of Business, the Meadows School

dent understand the structure of society and the problems of social ordering with which the law is concerned.

The study of philosophy, literature, fine arts, foreign languages and other cultures imparts familiarity with traditions of universal thought and trends that have influenced or tend to influence legal developments nationally and internationally. The examination of human behavior in sociology and psychology will aid the prospective law student in understanding the types and effects of human behavior with which law is involved.

The systematic ordering of abstractions and ideas acquired by studying logic

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 School of Engineering; and foreign 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.

ن ن 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 would offer the course, and the dean of Dedman College. A maximum of 15 credit hours of post-matriculation transfer work may be approved. Approval may be denied for educational reasons. Postmatriculation transfer work from two-year institutions will not be approved.

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All incoming first-year students to the University are admitted to Dedman College. Please see the Admission to the University section of this catalog for requirements. Students wishing to pursue majors in the humanities or in the social or natural sciences or in various multidisciplinary programs remain in Dedman College for their undergraduate education. Specific degree requirements and additional information for any of these programs can be found in the departmental sections of this catalog. Admission is open to qualified undergraduate and graduate applicants without regard to race, color, religion, national origin, sex, age, disability, veteran status or sexual orientation.

An individual enrolled in another school of the University may apply to the dean of the school in which the student is currently enrolled for permission to transfer into a degree-granting program in Dedman College. A student who has achieved a cumulative G.P.A. of 2.00 on all SMU work attempted will normally be admitted to candidacy for a degree in Dedman College. Additional Bachelor of Science, the Bachelor of Social Sciences and the Bachelor of Humanities. For the degree available in a specific area of study, consult the individual programs of study outlined in the following sections of this catalog.

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 re-

- general education and the requirements for a major.b A minimum total of 42 advanced hours (3000 level or above).
- b A maximum total of 2 hours of Wellness.

b

partment on the basis of certain criteria prescribed by the department, but all programs include the minimum requirements of independent reading and research beyond the regular departmental requirements for a degree and the completion of a senior paper or research report. Further information may be obdemonstrating and exercising practical application of the concepts being studied.

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Examines the national security process; regional studies, advanced leadership ethics, and Air Force doctrine. Special topics of interest focus on the military as a profession, officership, military justice, civilian control of the military, preparation for active duty, and current issues affecting military professionalism. Within this structure, continued emphasis is given to refining communica-

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analysis of the impact os

An introduction to urban life and culture around the world, including how we study cities, who inhabits cities and the special features of city places and spaces. Meets Human Diversity corequirement. Consumption, preferences and dietary patterns. Nutritional requirements of developing and industrialized countries. Health problems related to malnutrition and plenty. Patterns of land

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

T An introduction to the anthropology of Caribbean societies, focusing on the social, economic and political influences that have shaped the contemporary Caribbean. Meets Human Diversity and Perspectives corequirement.

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

T 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.

Ice age peopling of America, reconstructed by archaeology, linguistics and molecular biology, among other disciplines, and what that reveals of how people adapted to a truly New World. Meets Human Diversity corequirement.  $m \ olcaf$ 

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sAll #000- and 5000-level courses in.0 TD(u)Tj.3448n a.601(e)202h 0 TD10 M8uTD(8)Tj.586 0 TDoi70345

- Provides an overview of issues in interna-

Seminar on the use of coastlines, oceans,

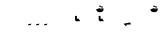
The Science of Our Past: An Introduction to Archaeology North American Archaeology Meso-American Archaeology

Physical Chemistry

**Biological cience (11 cre it ):** Introductory Biology Genetics

Bioche i try (4 cre it ):

be awarded with departmental distinction.



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 G.P.A. in these courses of at least 3.50 and an overall G.P.A. of at least 3.50. For students who have transferred to SMU, two grade point averages will be calculated, that for all work attempted, and that for work completed 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 3.50 G.P.A. for all biological sciences courses attempted will determine if the B.S. degree will be awarded "with departmental distinction."

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 Premed adviser abis em8-50.9()-56(h)-50.9()-26(h)-50.9(h)-R An introduction to the economic, social and industrial aspects of plant substances and material. Offered in summer session at Fort Burgwin, SMU-in-Taos, NM. Includes equivalent of one laboratory session each week.

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, N.M.

Students who wish to earn the B.A. or B.S. degree in Biology are encouraged to complete BIOL 1401 and 1402, and CHEM 1303 and 1304 (with labs) in their freshman year. However, with the approval of an academic adviser, a

Introduction to the path-ways and regulatory events in the metabolism of carbohydrates, lipids, amino acids and nucleotides. Three lecture hours per week. Prerequisites: CHEM 3371 and 3372.

Physical chemistry of macromolecules and biological membranes, with an emphasis on the thermodynamics of solutions. *Prereq*uisites: MATH 1338, CHEM 3372, CHEM 5310 (CHEM 5381 or CHEM 5383 is recommended).

- . The immune responses of vertebrate animals. Three lecture ١. hours each week. Prerequisite: BIOL 3350.

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

. The biotic and abiotic factors influencing parasite communities. Emphasis on the free-living stages of parasites. Two lecture hours and one threehour laboratory per week. Prerequisite: BIOL 3354.

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. Prerequisites: BIOL 1401, 1402 or GEOL 1308. The accompanying laboratory is a corequisite for biology majors and strongly recommended for all other students. Corequisite: BIOL 5166.

A minimum of five hours per week doing supervised L laboratory research. This course is offer9.5Ter9.5Ter9.5Tt

certified by the American Chemical Society for professional training in chemistry.

CHEM 1113, 1114, 1303, 1304, 3351, eight hours organic chemistry I&II with labs, 5310, 5383, 5384, 5486, 5390 and either 5392 or GEOL 3451. In addition, PHYS 1403, 1404 (or 1407, 1408); MATH 1337, 1338, 2339; GEOL 6363; at least one introductory environmental science elective, chosen from GEOL 1301, GEOL 1305, GEOL 1315, GEOL 2320, GEOL 2321, ENCE 2304 or ENCE 2421; at least one advanced environmental science elective, chosen from BIOL 3307, BIOL 3343, GEOL 3353, GEOL 3366, GEOL 5384 or ENCE 5333; at least three term hours of Undergraduate Research (CHEM 4397 or GEOL 4296 at a three credit level) on a topic in environmental chemistry. The research project can be conducted in the laboratory of an SMU faculty member or as an internship with a private company, and will culminate in a written report. Students planning to attend graduate school are advised to complete MATH 2343 or a Statistical Science course at the 4000 or 5000 level. This degree program is certified by the American Chemical Society for professional training in environmental chemistry.

CHEM 1304, 1114 plus three additional advanced three- or four-hour courses to be chosen in consultation with the Chemistry Department adviser.

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

Designed primarily for science majors, pre-med 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 term.

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The Classical Studies minor offers an integrated program studying the various aspects of the civilization of ancient Greece and Rome. The minor requires 18 term hours, of which at least nine hours must be at the advanced level (3000 or above). Coursework for the minor must be distributed as follows:

## A. Classical Languages (Six Hours)

LATN 2311, 2312 or other advanced Latin courses Classical Greek at 2000 level, when available)

B. Classical Studies (At least one course from each group) (12 Hours)

### Gro p 1 (Art Hi tory)

Archaeological field methods in Italy Art & Society in Late Antiquity, 300-700 Etruscan and Roman Art Etruscan and Iron Age Italy The Art and Architecture of Ancient Pompeii Classical Sculpture Art in Rome (SMU-in-Rome) Ancient Painting Art of the Roman Empire

#### Gro p 2 (Hi tory)

- The History of Ancient Greece
- Warfare and Diplomacy in Antiquity
- T Class and Gender in Ancient Society
- T Roman History and the Roman Mind
- T Athenian Democracy
  - History of Western Philosophy (Ancient)

## *Gro p3 (Other)* T

The Dawn of Wisdom: Ancient Creation Stories from Four

Civilizations

Currents in Classical Civilization Myth and Thought in the Ancient World (SMU-in-Taos) Society Expanding – Polis and Empire

Fo-

cusing exclusively on Greek and Roman antiquity, the course will introduce students to major artistic, literary and philosophical expressions in their historical framework.

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Readings in the Ancient Sophists, Plato, Aris-totle, Isocrates, Cicero, Quintilian, Longinus and St. Augustine; study of the intellectual

requisites. No credit is allowed for students who have received credit for ECO 1311 or 1312.

Enables a concerned citizen to make an intelligent appraisal of current controversies relating to consumers and producers. Explains tools of economic analysis. No prerequisites.

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ment. Prerequisites: ECO 3301, 3355, ACCT 2311 and STAT 2301 or ITOM 2305. Note: ECO 4368 cannot be taken after or concurrent with FINA 3320).

**T L L L** (Formerly Structure of American Industry.) Development of American industry and antitrust policies. **Prerequisite:** ECO 3301.

**\_\_\_\_** Economic principles are used to explore important and controversial questions. Prerequisite: ECO 3301.

An overview of investment concepts and an exposure to a range of investment alternatives that form an integral part of financial economics. Prerequisite: ECO 4368 or FINA 3320 or permission of instructor. Note: ECO 4378 cannot be taken after or concurrent with FINA 4320 or FINA 4326.

Study of public utility, transportation and other regulated industries. Prerequisite: ECO 3301.

**T** Goes beyond "IS-LM" curves to most recent models using disequilibrium analysis, government budget constraint, rational expectations and other approaches. Prerequisites:

sponsor prior to enrollment. **Prerequisites:** 3.7 G.P.A. in economics classes and 3.5 G.P.A. overall. Student must have a faculty sponsor prior to enrollment.

Senior seminar by special ar-

Presentation of methods used by economists to forecast economic and business trends and ways of evaluating the usefulness of these methods. *Prerequisite:* STAT 2301 or ITOM 2305 or equivalent course.

T A study of data mining techniques used by economists in the fields of applied economics, marketing and finance. These techniques include classification methods, affinity analysis, and data reduction and exploration methods. *Prerequisite:* ECO 5350 or an equivalent course.

ت \_\_\_\_ ۲ ۲ ۲ The following courses are not acceptable as major electives: ENGL 1300, 1301, 1302, 2302 and 2305.

4000-level courses in creative writing do not fulfill the 4000-level literature requirement.

A grade of C- or better must be earned in all courses fulfilling major requirements, and English majors must attain a minimum G.P.A. of 2.00 among all courses attempted for the major.

The Department strongly recommends 12 hours of foreign 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 f o r e i g n l a n g u a g e . Secondary-school certification candidates must fulfill the departmental requirements described above. They should consult the departmental advisers on teacher training about further non-departmental requirements for certification. (Revisions of these requirements may be mandated by the State of Texas; candidates should be alert to the possibilities of changes.)

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from the following options: ENGL 5381 Independent Studies (culminating in a Senior Thesis); *or* ENGL 6390-97 Graduate Seminar in English (requires permission of instructor); *or* (for creative writing specialists only) ENGL 4393, 4394, 4395 or 4396 Directed Studies in Poetry Writing or Directed Studies in Fiction Writing. Candidates must earn a B + or better in the option selected, and attain a 3.50 G.P.A. in all courses counting towards the major and distinction. English 4393-4396, 5381, 5310 may not be used to satisfy the 12 hours required in 4000-level courses. A minimum of 36 hours is required to graduate with Departmental Distinction.

The minor in English requires 15 term hours of course work, no more than six of them in courses numbered below 3000. Minors must take ENGL 2311, 2314 or 2315. A grade of *C*- or better must be earned in each course taken to fulfill the requirement for the т ч

and issues relevant to the genre. Analysis, interpretation and appreciation of fiction, with attention to terms and issues relevant to the genre. est native hero and one of the world's most compelling story stocks: the legends of King Arthur and the Knights of the Round Table.

**T** Study of a theme, issue or topic in writers from c. 1500 to 1775, varying by term. May be repeated for credit under different subtitle.

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.

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 subtile.

T 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.

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authors working in Paris.

Nineteenth- and 20th-century Anglo, Hispanic and Native American literature of the Southwestern United States.

Examination of samesex desire in modern literature, as considered in the context of philosophical, religious and scientific texts since the ancient world.

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. historical contexts, medieval poetics and Middle English language. May be repeated for credit under different subtitle.

Intensive study of one or two major writers from the period in context with English social and cultural history. May be repeated for credit under different subtitle.

Intensive study of one or two major writers from the period. May be repeated for credit under different subtitle.

Advanced study of British literature from c. 1500 to 1775, focused on a specified problem, topic or theme. May be repeated for credit under different subtitle.

Advanced studies in Shakespeare's poetry and plays, in historical, cultural and theatrical contexts. May be repeated for credit under different subtitle.

Advanced study of American literature from c. 1500 to 1775, focused on a specified problem, topic or theme. May be repeated for credit under different subtitle.

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Introduction to Environmental Sciences

Introduction to Solid and Hazardous Waste Management

**T T** or Introduction to Statistical Methods or Statistical Methods for Engineers and Applied Scientists

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 Electi o (choo o 14 or oro cro it ) Evolution Genetics Physiology Plant Kingdom

Field Botany (Btib(3)Tj36e007962tfc(8(B)Tj.826 0TD)Tj.4138 0TD0)Tj.8966 0TDL)TjETDT7.92007.92176.16 6151)TjGtib(3)Tj36e007

sultation with the director.

I. \_ The B.A. option focuses more on the humanities than

- C. 느ᄔ L. 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. ⊾ L Six hours of other courses related to ethnicity must be selected from the following:
  - т Indians of North America
  - т Language in Culture and Society т
    - Urban Life: A Cross-Cultural Perspective ANT

tion, applicants must meet the University's admission requirements for transfer students.

**T** degree requires the completion of 36 term hours in course work taken from art history, English literature, history, philosophy and/or religious studies. Courses are selected in consultation with the major adviser and include the following:

First Concentration (15 term hours, including 6 hours advanced) Second Concentration (9 term hours, including 6 hours advanced) Third Concentration (9 term hours, including 6 hours advanced) Fourth Concentration (3 term hours)

**T** degree requires the completion of 36 term hours in course work taken from anthropology, economics, political science, psychology, and/or sociology. Courses are selected in consultation with the major adviser and include the following:

First Concentration (15 term hours, including 6 hours advanced) Second Concentration (9 term hours, including 6 hours advanced) Third Concentration (9 term hours, including 6 hours advanced) Fourth Concentration (3 term hours)

For more information concerning admission and program requirements, contact the Dedman Dean's Office, Southern Methodist University, 214 Dallas Hall, PO Box 750235, Dallas TX 75275-0235; phone 214-768-6483.

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Marie-Luise Gättens,		
	William Beauchamp;	David
Aldstadt, Dayna Oscherwitz;	Rita Winandy;	Gwen
Aaron, Denis Bettaver, Paola Buckley, Heather Garrett-Pelletier, Martine Kincaid;		
L Contraction of the second se	L	Kathleen
Hugley-Cook;	Gordon Birrell, N	Iarie-Luise Gättens,
Jutta Van Selm;	🖌 Manju Bansal; 🔔	
Vincenzo DeNardo;	Brandy Alvarez, Damian	o Bonuomo, Teresa
Brentegani;	Keiko Schneider;	Patti
Rawlins; <b>L</b>	<ul> <li>Tatiana Zimakova;</li> </ul>	
Olga Colbert;	Denise DuPon	t, Luis Maldonado-

Peña, Francisco Morán, Alberto Pastor, Elizabeth Russ, Gabriela Voki'c;

- 2. Overall 3.75 G.P.A. in the major by the middle of the junior year.
- 3. Invitation of area faculty after the area as a whole has discussed the student's candidacy.
- 4. Two extra courses beyond the requirements for the major. One course must include a major research paper, to be undertaken and completed in the first term of the candidate's senior year.

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Students wishing to specialize in two foreign languages may receive the B.A. degree in Foreign Languages by completing the requirements for the minor plus two additional advanced courses in Language I, and by completing the requirements for the minor in Language II. Courses are to be selected in consultation with the major adviser in Language I. Minors in area studies may not be applied to this major. Language I must be chosen f7.5mr amF33.6n ho,-20m)54.(G)377(e)-67(d)54.mun Beginning and Intermediate Chinese.

(Second Term) Enhances students' proficiency in Mandarin Chinese through a multimedia software program. Special concentration is given to China's current affairs through the use of authentic journalistic materials – television news and newspaper reports. *Prerequisite:* CHIN 3311. study and on-site investigation. Emphasis on contextual language acquisition, both written and oral. *Prerequisite:* Permission of program director. (SMU-in-the-South of France only)

Continues to strengthen the four language skills, with added emphasis on reading and writing. Five classes per week. Four credits per term. *Prerequisite: C- or* better in FREN 1402 or permission of area chair.

Refinement of all four language skills. Special emphasis on writing proficiency, particularly in the following areas: exposition, narration, description, correspondence, literary analysis. Includes grammar review, oral presentations, dictionary research, outside reading. *Prerequisite:* C- or better in FREN 3455.

Refinement of all four language skills, with special emphasis on oral proficiency. Includes study of phonetics, oral presentations, viewing and discussion of films, vocabulary development, grammar review, short literary readings and com-

**L** 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* 

mission of area chair.

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.

Second-year German. Discussions and compositions based on literary and cultural texts. Review of grammar. Language laboratory.

of German films since 1945 from both German states, ending with the depiction of the unification in film, with continued emphasis on improvement of advanced German language skills. *Prerequisite:* C- or better in GERM 3320.

Narrative, poetry and drama representing the German Enlightenment, *Sturm und Drang*, Classicism and Romanticism: Lessing, Goethe, Schiller,

tion with the adviser.

hours, including ITAL 2401, 2402, and the following advanced or supporting courses:

- 3. One additional advanced Italian course (4000-level) chosen in consultation with the adviser
- 4. One area-studies course chosen in consultation with the adviser from the following:

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# he Core (IAL)

Stresses acquisition of basic skills, speaking, aural comprehension, reading and writing. Students attend three weekly foundations classes plus two hours of applications classes for practice in small groups. Computer, video and audio assignments in the Foreign Language Learning Center are required. Four credits per term. *Prerequisite for 1402: C-* or better in 1401 or permission of area chair.

<sup>1.</sup> ITAL 3357

<sup>2.</sup> ITAL 3373

# Italian C It re an Literat re Co r e in Engli h

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(See course descriptions at end of Foreign Languages and Literatures section.)

Italy Today: Contemporary Italian Culture and Institutions. Italian Culture. (CTV 3390) Italian Cinema. Special Topics: Italian Literature in Translation. Special Topics: Italian Literature in Translation.

17 term hours as follows:

1. Intermediate Japanese (2401, 2402)	8 hours
2. Advanced Japanese (3311, 3312)	6 hours
3. One course from the following: ARHS 3394,	
JAPN 4381, PLSC 3346	3 hours

#### he Core (JAN)

Focuses on oral and aural proficiency for daily communication situations, mastery of Japanese writing systems (Hiragana, Katakana, basic Kanji), and foundational grammar. *Prerequisite for 1402: C-* or better in 1401 or permission of area chair.

Focuses on developing and enriching literacy experience in Japanese through reading and writing narrative and descriptive texts, as well as conversing on personal topics in more complicated situations. *Prerequisite for* 2402: C- or better in JAPN 2401 or permission of area chair.

Emphasis on enhancing abilities in advanced reading and writing skills, communicating with accuracy and grammatical complexity. Students also acquire the ability to use refined honorific forms in appropriate cultural contexts. *Prerequisite for 3312: C-* or better in JAPN 3311 or permission of area chair.

Offers students experience in organiza-

tions where knowledge of Japanese and the cultures of Japanese-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 3.0 or higher; G.P.A. in Japanese of 3.30 or higher; sponsorship of a professor and of the organization, agency or corporation.

Upper-level language course designed for students who have finished third-year Japanese. Students will enhance their speaking, reading and writing skills through a wide range of primary materials. *Prerequisite:* 3312 or permission of area chair.

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Structures of the Latin language – vocabulary, grammar, syntax. Introduction to Roman history and culture. Simple readings from Latin authors. *Prerequisite for 1402: C-* or better in 1401.

Readings from Cicero, Livy, Ovid and Pliny. Passages from the Vulgate, excerpts from medieval authors. *Prerequisite for 2311: C-* or better in LATN 1402. *Prerequisite for 2312: C-* or better in LATN 2311.

Offers students experience in organizations or institutions where knowledge of Latin is relevant: museums, libraries, historical archives,

etc. *Prerequisites:* Junior or senior standing; an overall G.P.A. of 3.0 or higher; G.P.A. in Latin of 3.3 or higher; sponsorship of a professor and of the organization, agency or institution.

This course concentrates on the Latin language as a powerful vehicle for communication and artistry through reading and writing. Students will study Latin texts on universal themes from various authors and times. *Prerequisites:* C- or better in Latin 2312 or permission of instructor.

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15 term hours,

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including RUSS 2341, 2351, RUSS 3341 (optional)

At least one upper level course from: Culture:

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A survey of Spanish-American culture and societies with particular emphasis on artistic and sociological aspects. *Prerequisite:* C- or better in one 3000-level Spanish course.

This course offers students experience in organizations where knowledge of Spanish and the cultures of Spanish-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 3.0 or higher; G.P.A. in Spanish of 3.3 or higher; sponsorship of a professor and of the organization, agency or corporation.

**T T** Advanced Spanish course that brings oral and written language to the center of students' learning by bringing them in contact with native Spanish speakers from a variety of Dallas communities. Field work, away from campus, will include a maximum of two hours per week in addition to the required three contact hours in the classroom. *Prerequisites:* C- or better in SPAN 2401 and approval of instructor for language majors. Approval of instructor for all other candidates.

An advanced course in spoken Spanish for those students who score advanced to superior on a departmentally administered oral exam based on ACTFL Oral Proficiency levels. (Students who score below "Advanced" level better in SPAN 4395.

TLReadings and discussions of the works of majorMexican writers. Meets Human Diversity corequirement. Prerequisites: C- or better inSPAN 4395.

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**T** A study of the early development of Spanish drama and of the flourishing of the theater with Lope de Vega, Calderón de la Barca, and their contemporaries. *Prerequisites:* C- or better in SPAN 4395.

T An exploration of the development of Spanish narrative through various modes of idealism, realism and self-reflection. Readings include works from Cervantes, Zayas, their contemporaries, and their literary predecessors. *Prerequisites:* C- or better in SPAN 4395.

Major prose writers of the Realistic and Naturalistic movements in the context of 19th-century political, social and economic development. *Prerequisites:* C- or better in SPAN 4395.

**T** Poetry and theater of the generations of 1898 and 1927 and more.

**T** Examination of significant individuals, movements, themes and works of 20<sup>th</sup> century Spanish prose fiction, e.g., generation of 1898, Exile of 1939, Francoism, Transition to Democracy, Social Realism, Post-modernism, etc.

Genre t le T The development of the novel and short story in Spain from 1940 to the present. Readings from Cela, Delibes, Sánchez Ferlosio, Goytisolo, etc. *Prerequisites:* C- or better in SPAN 4395.

**T** \_\_\_\_\_ The evolution of the Spanish-American novel and analysis of master works of the 19th and 20th centuries. Meets Human Diversity corequirement. *Prerequisites*: C- or better in SPAN 4395.

**T** Students explore the intellectual climate of Spanish America in the last two centuries as revealed in the works of famous essayists such as José Martí and Octavio Paz. Meets Human Diversity corequirement. *Prerequisites:* C- or better in SPAN 4395.

**T** Evolution of the short story in Spanish

T A study of the Chicano/Mestizo cultural identity in the Southwest, the course includes readings from selected contemporary authors as well as from the early recorded contacts between Native Americans and their European conquerors. Meets Perspectives requirement for Literature and Human Diversity corequirement.

T Through a series of lectures, readings and visits, the course will present an in-depth study of society, culture, art and literature in Paris and in the provinces. (Offered at SMU-in-Paris.)

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produced and communicated. This course explores semiotic approaches to the interpretation of the most complex of all human communications: literary texts. Meets Perspectives requirement for literature.

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• . A minimum of 17 hours in Geology, selected from the following:

- 1. One course chosen from GEOL 1301 (Earth Systems), 1305 (Oceanography), 1307 (Solar System), 1308 (Evolution and Life History), 1313 (Earthquakes and Volcanoes), or 1315 (Introduction to Environmental Sciences) – 3 hours
- 2. Four geology electives at the 3000 level or above 12 hours minimum

Environmental problems today are being addressed by a growing number of disciplines, including the sciences, engineering, the legal profession, eco-

vide an excellent and substantive background for students heading into the environmental field from other disciplines. The minor is not suitable for a student majoring in the Geological Sciences. The Department of Geological Sciences is responsible for administration of this minor.

A minimum of 18 hours, to be selected from the following, with at least nine of the 18 term hours taken at the 3000 level or above:

1. One course chosen from GEOL 1301 (Earth Systems), 1305 (Oceanogra-

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

Fundamental principles of ecology, hydrology, geology, population dynamics, land-use management, and related fields will be 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 requisite: Permission of instructor.

Analysis of geological processes and other factors that influence or control the origin and development of landforms of the earth. Laboratory exercises and field trips are included. Prerequisite: One 1300-level course in Geological Sciences or permission of instructor.

Focuses on timely geoscience-based environmental problems and addresses scientific, environmental, political, economic, legal and social aspects of potential "solutions" through selected readings, seminars, guest speakers and research projects. Prerequisites: companies, law firms, nonprofit organizations, educational institutions, and municipal, state, or federal agencies. Prerequisite: Junior or senior standing in a geoscience major, overall G.P.A. of at least 3.0 and completion of GEOL 3452; sponsorship of a professor and approved organization, agency or company.

Introduction to geophysical exploration techniques. Lecture and laborato-ry. Prerequisite: MATH 1338 or permission of i n s t r u c t o r . Field camp which provides intensive, hands-on experiences with physical geology and observational planetary geology. Prerequisites: GEOL 3451, 3452 and permission of instructor.

Geologic mapping and field trips in a summer field-camp setting.

at SMU. Can be co-taught together with faculty of the department. Prerequisites: GEOL 3340 or permission of instructor.

the Director of Undergraduate Studies.

A survey of world cultures from the

earliest times to the present. The development of individual civilization will be studied within a comparative framework emphasizing the themes common to all human history.

A survey of the cultural phenomenon often called *Western Civilization*, from its prehistoric roots in western Asia as well as Europe, through ancient Mesopotamian and Egyptian civilization to the Greeks, the Romans, and the medieval experience up to the "Renaissance." Lecture course, with much reference to literature and visual arts.

An introductory survey of Western civilization from about the time of the Reformation to the present.

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readings on research methods and writing and a relatively small core of required readings that will be different in each section and organized around a topic chosen by the instructor. Closely supervised writing assignments, based upon the required readings, will grow

Consists of a common body of

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

modern America.

Examines certain violations of human rights within their historical context and explores America's commission and prevention of human rights violations.

African Americans and the Civil Rights Movement with a focus on post-World War II migration, changing conceptions of race, increasing black prosperity, integration and black nationalism, and the lives of significant black leaders of the Civil Rights Movement.

T History of the Mexican-American subculture of New Mexico. Field trips to historical sites. SMU-in-Taos. Summer only.

Examines major events in American foreign policy from the Early National period to Pearl Harbor, emphasizing 19th-century continental expansion, early 20th-century imperialism, and American involvement in the World Wars.

**T** An examination of major events in American foreign policy since World War II, emphasizing policy toward Western Europe, the Soviet Union, Asia and Latin America.

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sion and two world wars on black life, the quest for equality in the 1950s and the Civil

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ethnic identity and the Southwest. (Also listed under Latin American History.)

Intensive examination of major topics in American history.

Considers the histories of cultural institutions, objects, ideas and practices. Explores an array of representative cultural conflicts and obsessions that have marked American history.

An investigation of life in Gilded Age and Progressive-period America, including industrialization, urbanization and social conflict.

T L Intensive examination of major developments in recent American history.

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 social and cultural emphasis; traces the changes in outlook and Empire to the present day. Survey of the development of the European economy from 1000 A.D. to the present. Sources of growth and institutional changes will be explored. A study of the influence of women in European society and intellectual movements from the Renaissance through the E n l i g h t e n m e n t .

strategy and military organization in the western world from the Renaissance to the present, with special attention to the fundamental nature and causes of armed conflict as well as the interrelationships between warfare and society as a whole.

### Reforms.

- An examination of key historians and of the several modes of history-writing that shape our vision of pre-modern France.
- **T L** The nature and causes of revolution, the French Revolution, and the career of Napoleon Bonaparte.

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

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.

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 last 30 years.

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.

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

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

This advanced seminar covers in depth selected topics in late Imperial and Soviet history. *Prerequisite:* HIST 3340 or 3341, or permission of instructor.

This seminar examines the development of democratic government in Athens and studies the functioning of that government in peace and in war. Intensive examination of major topics in European history. *Prerequisite:* Junior standing or permission of instructor.

Students planning a concentration in Latin American History are urged to take HIST 2384 and 2385, followed by HIST 4380 and 4381.

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

An introductory survey

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majors, fulfills United States or Latin American requirement.)

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.

Examines the Arab-Israeli conflict, other regional conflicts and the U.S.-U.S.S.R. Cold War in the Middle East.

Examines a particular topic in the history of Africa. Potential topics include the trans-Saharan caravan system, the arrival and spread of Islam, the rise of African-European cultures, the slave trade, the abolition of slavery, imperialism and colonial transformations, nationalism, liberation movements, independence and underdevelopment, and democratization.

Goods, ideas, religions, artistic styles, technologies, soldiers and diseases have long traveled between East and West. Scholarship, primary sources, literature and film illuminate the material and ideological effects of the exchanges.

A contemporary topic is treated in historical perspective. Sample topics include the Arab-Israeli conflict, oil and the politics of energy, and Islamic fundamentalism.

T History of the Middle East since the 19th century focusing on the decline of the Ottoman Empire, the Western challenge, the rise of national states, the Arab-Israeli dilemma, and the politics of energy.

Examines the role of Black literature in bringing on the collapse of European colonial order and as a major force in the struggle against neocolonialism today. Explores links between literature and politics, literature and history, and thought and action in 20th-century Africa and the Caribbean.

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Examines the "century of revolution" in China, from the mid-19th century to the present, beginning with the unique political and social structure of "Old China," and analyzing the impact of Western Imperialism and the creative responses of intellectuals, warlords and revolutionaries.

Explores historical issues, trends or special topics in Asian history using a thematic or comparative format.

Examines economic patterns in Middle Eastern history, politics and social life from the 18th century until the present.

Examines changes and continuities from Neolithic times to today in women's roles in politics and the state, religions and ideologies, the family and its alternatives, and production and consumption.

A survey of the history of South Africa from the 17th century to the present. Emphasis on the historical development of the patterns of economic, social and political interaction among the peoples that led to the emergence of a majority-ruled, "new" South Africa.

#### ک ک Cal Jillson,

The Individualized Studies major in the Liberal Arts provides students an opportunity to design an interdisciplinary program of study that brings fields of inquiry together in unique combinations not currently offered as a program in the curriculum.

Interested and academically qualified students are invited to explore this possibility with the Director of the Program, Dr. Cal Jillson, Associate Dean of Dedman College, 214-768-2168. If the Plan of Study appears to have merit, Dr. Jillson 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 Fac-

3. The Plan is transmitted to the office of the Associate Dean for Student Academic Affairs and to the Dedman College Dean's office.

clude one course from Introduction to World Cultures; one course from Interna-

Current Issues in International Politics International Organizations: Global and Regional The American Foreign Policy Process Political Geography International Political Economy (also SMU-in-Oxford) Negotiating International Trade Why Nations Revolt The Third World and North-South Relations Special Studies in International Relations From Marx to Market (SMU-in-Paris) National Security Policy The Politics of Military Force NAFTA and Free Trade in the Americas Nuclear Weapons and World Politics Magic, Myth and Religion Across Cultures т Global Society

# Area t ie C rric l

The Area Studies Curriculum requires International Studies majors to specialize in a particular geographical region, defined by a common historical and cultural experience. Students may choose to specialize in Asian, Latin American and Iberian, European, or African and Middle Eastern Studies. A total of 15 hours must be taken in one of the Area Studies programs listed below. Three courses (nine hours) must be taken from Group I (Social Sciences), and two courses (six hours) must be taken from er T "Ľ

T Post-War Japanese Culture and Society

- T History of Spain, 1469 to the Present
- **T** Georgian and Victorian England, 1714-1867 (SMU-in-Oxford)
- T Russia From the Kievan Era to 1881
- T The French Revolution and Napoleon, 1789-1815
- T Europe from Bismarck to WWI, 1870-1918
- T Recent European History, 1918 to the Present
- T Europe in the Age of Enlightenment, 1715-1789
- T Seminar in Russian History
- T Seminar in European History
  - Business Relations With Russia and Central Europe (SMU-in-Copenhagen)

T Russian Culture
 Survey of Russian Literature in Translation
 Special Topics: French Literature in Translation
 Perspectives on Modern Germany
 Italian Cinema
 Italian Literature in Translation
 French Civilization (also SMU-in-Paris)
 French Civilization (also SMU-in-Paris)
 European Thought: From Modernism to Postmodernism
 ( S M U - i n - C o p e n h a g e n )
 History of Western Philosophy (Modern)

ology, Art History and Foreign Languages (Group II). 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 Latin American and Iberian Studies. Courses taken in the first and second sequence once taken do not double count for the group requirement.

L. Students develop and execute independent reading or research projects under the guidance of a Latin American and Iberian Studies faculty member, culminating in a written report. Prerequisites: Written approval of the instructor and the program director or a designate, at least sophomore standing, and appropriate introductory and advanced course preparation.

Undergraduate students who arrange for part- or full-time jobs in Latin American and Iberian Studies related fields relate these experiences to their academic curriculum through research and writing, under the guidance of an International Studies faculty member. Prerequisites: Written approval of the instructor and the program director or a designate, at least sophomore standing, and appropriate introductory and advanced preparation.

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#### Dennis Cordell,

This course of study is offered as an area specialization for International Studies majors only.

#### Gro p I: ocial cience

- Peoples of Africa т
- т History of the Ancient Near East and Egypt
- т Africa to the 19th Century
- т Modern Africa
- The Venture of Islam т
- Problems in African History т
- т History of the Caribbean
- т Problems in Middle Eastern History
- т The Modern Middle East: From the Ottoman Empire to OPEC
- History of South Africa: Background to Conflict т Government and Politics of the Middle East Government and Politics of Africa

## Gro p II: H anitie an Art

Mummies, Myths and Monuments of Ancient Egypt: Art and Expression of

Eternal Egypt

Byzantine Art

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- Traditional Arts of Africa
- Islamic Art and Architecture: The Creation of a New Art
- The African Diaspora: Literature and History of Black Liberation т Introduction to Islam

Biblical Interpretation and the State of Israel

#### L. L.

#### Linda Brewster Stearns.

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 foreign languages, students will gain an understanding

of the multiple institutions and cultures that shape the world's markets.

► The Markets and Culture major requires 36 total hours, consisting of 24 hours of core classes and 12 hours of electives. The core classes provide the student with the appropriate tools to understand the social basis of economic behavior as well as basic business concepts and practices. A grade of *C*- or better must be earned in all courses fulfilling the major requirements, and Markets and Culture majors must attain a minimum G.P.A. of 2.00 among all courses attempted for the major.

A co-curricular requirement for a degree in Markets and Culture is one year of college-level study of a foreign language or equivalent. Majors are strongly encouraged to take advantage of opportunities for study abroad and internships to broaden their classroom experience.

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Markets and Culture

Organizations and Their Environment. *Prerequisite:* SOCI 2377. Contemporary Markets and Culture *Prerequisites:* SOCI 2377 and SOCI

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Money and Banking *Prerequisites:* ECO 1311 and ECO 1312. Introduction to Data Management (ITOM 2308 Information Systems for Management may substitute.) *Prerequisite:* EMIS 1305, *Prerequisite or Corequisite:* 

SOCI 2377. T Accounting for Markets and Culture (ACCT 2311 Fundamentals of Accounting I may substitute.) *Prerequisite or Corequisite:* SOCI 2377.

Business Writing Prerequisite: SOCI 2377.

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T Language in Culture and Society

T Magic, Myth and Religion Across Cultures

T Urban Life: A Cross-Cultural Perspective

T Cultures and Environments of the Southwest

**T** Political Economy of Health *Prerequisites:* ANTH 2301, ANTH 3301 or permission of instructor.

**T** Migration and Ethnicity *Prerequisites:* Eighteen hours of anthropology or permission of instructor.

■ Applied Anthropology *Prerequisites:* Advanced standing and ANTH 2301, or permission of instructor.

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Perspectives on Modern Germany *Prerequisites:* Sophomore standing or permission of instructor. Italian Cinema Special Topics: Italian Literature in Translation Special Topics: Italian Literature in Translation Advanced French II *Prerequisite:* FREN 3455. Advanced French II *Prerequisite:* FREN 2401. Introduction to French Cinema *Prerequisites:* FREN 3356 and 4370, or permission of instructor and chair. Introduction to French History and Culture *Prerequisites:* FREN 3455, 3356 and 4370. Introduction to Francophone Cultures *Prerequisites:* FREN 3455, 3356 and 4370.

Commercial French for International Trade Prerequisites: FREN 3455 and 3356.

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History of Spain, 1469 to Present Seminar in Russian History *Prerequisites:* HIST 3340 or 3341, or permisт sion of instructor.

т Seminar in European History Prerequisite: Junior standing or permission of instructor.

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The B.S. degree in mathematics reflects contemporary trends in mathematics by incorporating computer science, mathematical and computational modeling, natural science, and statistics courses. This degree is particularly appropriate for students who wish to proceed toward careers in industry concentrating on analytical problem solving, or toward graduate schools in any mathematical science area. Computer science, economics, electrical engineering, mechanical engineering, management science, physics and chemistry provide attractive opportunities as areas for a double major with mathematics. With a minimum of 21 approved advanced hours in the major, the following courses are required:

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Term Hours

Fundamental Mathematics: MATH 1337, 1338, 2339, 2343 12 )-24.8(ie).22757-r-r-r-r)-N)-17.9(a) א کوکدیتر(al Booise (at booise (at booise)) کردار کوکریکی کوکری (at booise)) کردار از کوکریکی کوکری ک MATH 3315/CSE 3365 (mandatory), MATH 3337 (mandatory) MATH 6336/ME 5336 (mandatory) One from Group I: MATH 5315, 5331, 5332, 5334 One from Group II: ENCE 5331, 5332, 5334

IV. Operations Research

MATH 3315/CSE 3365 (mandatory) EMIS 3360 (mandatory) Two from Group I: MATH 3353, 5315, 5316, 5332, 5353 One from Group II: EMIS 5361, 5362, 5369, STAT 5344/EMIS 5364 V. Pure Mathematics

Five from MATH 3308, 3337, 3353, 4338, 4351, 4355, 4381, 5331, 5332, 5353

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The B.A. degree in Mathematics is designed for students who need a traditional mathematics degree leading to careers in teaching, industry, b \_ b b \_ Derivatives

tems. Population dynamics, infectious diseases, population genetics, molecular and cellular biology. *Prerequisites:* MATH 2343 and MATH 3353.

Sequences and series of real numbers and functions, properties of continuous functions, differentiation and integration with some attention paid to higher dimensions. *Prerequisite:* MATH 2339.

**T L** Classical number theory, including divisibility, congruencies, quadratic reciprocity, Diophantine equations and number theoretic functions. *Prerequisite:* MATH 3308 or 3353.

Basic properties of groups, rings and fields, homomorphisms, normal subgroups, integral domains, ideals, algebraic extension fields, geometric constructions. *Prerequisite:* MATH 3308 or 3353.

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concepts of God, society, self, love, individualism and success.

The Medieval Studies Program affords the student an opportunity for a "classically" liberal education within a broad subset of "Western" (Celtic, Franconic, Italic, Germanic, Visigothic) and "non-Western" (Byzantine,

	The World of King Arthur*
т	Life in the Medieval World, A.D. 1095-1350*
т	Second-Year Latin
enior year	,
Fall ter :	
т	Islam to A.D. 1453*
	Islamic Art and Architecture: The Creation of a New Art *
т	Advanced Latin Grammar and Composition*
pring ter	;
	Art of the Crusades*

to the  $20^{th}$  century. Primary focus is on medieval and Arthurian texts and their influence on the British and European literary imagination.

**T** Investigates Britain's greatest native hero and one of the world's most compelling story stocks: the legend of King Arthur and the Round Table, and the early Arthurian materials and the later romance, epic and artistic traditions.

**T** An exploration of the medieval world through one of its own literal and metaphorical images, moving from Jerusalem to the empire of New Rome, to Rome itself and across Europe on the pilgrimage roads of the Middle Ages.

concerning mind, machines and persons.

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A survey of leading theories of value and right conduct and exploration of some of their applications.

Special topics to be selected by the student in consultation with the department. *Prerequisites:* Senior standing and departmental approval.

An explication of the main features, concepts and methods of phenomenology, and its relation to the history and problems of philosophy and other disciplines. *Prerequisite:* PHIL 3352 or permission of instructor.

- Independent work on special topics.

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Ryszard Stroynowski,

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Fred Olness, Vigdor Teplitz;	Thomas Coan, Kent	
Hornbostel, Roberto Vega;	Robert Kehoe, Jingbo Ye;	
Randall Scalise;	Simon Dalley;	
<ul> <li>John Cotton;</li> </ul>	Jeff Chalk, George Crawford	
Marc Christensen,	Gary Evans, Peggy Gui, Cas Milner, Shane	

mental permission. Additionally, a candidate for the B.A. degree must complete 15 term hours of courses in mathematics, including MATH 1337, 1338, 2339, 2343 and one advanced mathematics course.

A minor in physics is particularly appropriate for majors in the natural sciences, including pre-med, mathematics and engineering. The departmental requirement for a minor in physics is 17 term hours in physics, including PHYS 1105, 1106, 1303<sup>+</sup>, 1304<sup>+</sup> (or 1307 and 1308), and nine hours of advanced course work.

**T** A physics major achieving a B.S. degree may graduate "with departmental distinction" by successfully completing a special program of study in addition to the requirements stated above, while maintaining a minimum G.P.A. of 3.50. The special program consists of independent reading, research and senior thesis under the direction of a departmental faculty member. The student must apply to the department for this designation during his or her junior year. The student will enroll in either PHYS 4375 or 4390 during the program, and a senior thesis is to be written and presented to the faculty.

Lt is also possible to earn simultaneously a B.S. degree in physics from Dedman College and a degree in engineer-

	EMIS 3309 or CSE 4360	6
Core Electrical		
Engineering:	EE 1382, 2122, 2170, 2181, 2322,	
	2350, 2370, 238	1 and 3360
21		
Junior Electrical:	EE 3122, 3181, 3322, 3381, either	
	3330 or PHYS 4392; and two of	
	EE 3311, or 3372	17
College Requirements:	ENGL 1301, 1302, Perspectives	
	including ECO 1311 Cultural	
	Formations, and Wellness	23
Advanced Electrical		
Engineering Electives		12
Senior Design Sequence:	EE 4311 and 4312	6

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petition submitted by the student to the appropriate faculty prior to the beginning of the term during which the student expects to complete the requirements for graduation.

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One three-hour laboratory period per week. Taken with PHYS 1303, 1304 if eight hours of credit, including laboratory, are needed. One three-hour laboratory period per week. time dilation, length contraction, equivalence principle and black holes. Prerequisites: PHYS 3305 (can be taken concurrently), MATH 2339, MATH 2343 (can be taken con-

Crystal lattices and the reciprocal lattice. The free-electron model of metals. Crystal binding. Lattice vibrations phonons. Thermal properties of solids. Energy bands in solids.

Principles of elementary parti-

Political Theory60-79International Relations80-99LThe B.A. degree in political sciencerequires a total of 33 term hours with two introductory courses (six hours) of

counting toward the major or minor.

No course may be counted more than once toward meeting departmental major or minor requirements. In unusual circumstances, a student may petition, through his or her adviser, to the department chair for exceptions to the above requirements. Only the department chair may grant such a written waiver.

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resolve them, to the ways judges are selected and make decisions, and to the impact of those decisions on society and government.

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obstacles to, political, economic and social reform in post-communist Russia.

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.

- -

munist systems, and possible futures of communism.

An analysis and critique of women's role in politics, theo-

litical rivalries within the nation-state system. Major emphasis will be given to the adaptations within that system since 1850 for spatial distributions of physical terrain, populations, economic resources and activities, and political and social divisions.

Introduces students to the study of international political economy. The expansion of trade and foreign direct investment, and the increase in international migration, are indicators of a new interdependence and globalization. How do nation-states respond to globalization and manage international economic relations?

**T** Examines the means by which countries

major or minor requirements.

Students develop and execute independent reading or research projects under the guidance of a departmental faculty member, culminating in a written report.

The following 9 hours must be completed with a combined average of 2.0 or better prior to declaring the major:

A study of the origin and development of supposed sex differences and their psychological consequences. Emphasis on which sex differences are supported by research and which are not. Also covers the social and personal conflicts encountered by women today, particularly in the business world.

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. Prerequisite: PSYC 3382.

An overview of psychological factors affecting the body. Topics include emotion, stress, disease of the immune and cardiovascular systems, eating disorders and aging.

Design and evaluation of psychological research with emphasis on scientific method, data collection, experimentation, control procedures, validity, reliability and report-writing skills.

Characteristics of external stimuli, physiology of receptor mechanisms, and information processing. Emphasis on vision and hearing with some coverage of other sensory modalities. ۴.,

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Psychological principles applied to organizations, both business and volunteer, emphasizing a systems approach and including selection and

A study of current theories of motivation, with attention to the methods used in studying motivation and the effects of motivation on selected behaviors in human beings and animals. *Prerequisites:* PSYC 1300, 3382 and STAT 2331 or 2301.

A study of how information is encoded, stored and retrieved in adults. Topics may include attentional processes, verbal learning, memory, comprehension and problem solving. *Prerequisites:* 

Economics of the Public Sector Theory of Industrial Structure Economics of Regulated Industries Macroeconomics: Theory and Policy (*Prerequisite:* ECO 3302) Natural Resources and Energy Economics (*Prerequisite:* ECO 3302) Public Finance Bureaucracy and Regulatory Politics The Political Economy of the Welfare State International Political Economy Negotiating International Trade Policy, Politics and the Budget

## La an ocial olicy

Labor Economics Urban Economics Law and Economics Economics of Human Resources Congress and the Legislative Process Law, Politics and the Supreme Court Judicial Process Women and Politics Basic Issues in American Democracy Civil Rights Criminal Process Rights Women and the Law Comparative Rights and Representation Environmental Policy

## International olitic an olicy

International Economic Policy International Trade 312



Israel, with special attention to the nature of traditional narrative and to the relationship between the hero, society and the self.

An introduction to the Old Testament and to the religion and history of ancient Israel. Special emphasis will be given to the ancient Near Eastern roots of biblical religion and to the modern interpretation of biblical myth, epic and prophecy.

An introduction to the study of religion through examination of Judaism. The course will look at central Jewish religious ideas and how they developed within the rabbinic and medieval periods. Special attention will be given to conflicts and controversies, such as Judaism's rejection of early Christianity; heretical movements within medieval Judaism; and Jewish attitudes toward other religions.

A study of responses to the Holocaust by Jews and Christians. The course will begin with an overview of the history of the Holocaust as it affected the Jewish communities of Central and Eastern Europe. Students will then read personal memoirs of survivors of ghettos, concentration camps and Nazi Germany. Post-war responses will include questions of faith after the Holocaust; Christian Course objectives are: 1) to acquaint students with some recent criticisms of the dangers of individualism permeating American understanding and life; 2) to propose the communitarian dimensions of human existence from the Christian perspective; and 3) to help students enter more critically into the dialogue about the role of religion in pluralistic contemporary American society.

An exploration of the impact of Jesus on the history of Western culture, not only in religion and philosophy, but also in the fine arts, literature and politics.

**T L T** An examination of the religious, political, scientific, economic, and literary dimensions of the Puritan movement in Tudor-Stuart England and in colonial America.

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.

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

A survey of the interpretive approaches to

healing. Analysis of the interface between medical and religious models of health through a wide range of ethnographic examples and theoretical perspectives. Special attention is also given to different religious healing modalities.

A comparative study of the life and thought of outstanding representatives of diverse religious traditions, with special attention to founders and revitalizers of the world religions.

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may be counted as one of the courses within the sociology major. Twelve term hours of foreign language are recommended.

**T** Students wishing to work for distinction in sociology should consult the Director of Undergraduate Studies as soon as possible in the junior year. Students will be expected to engage in original research (based on a topic covered in a 3000 or 4000-level course) and write a journal-length article under the supervision of a faculty member while enrolled in SOCI 4396. At the end of the semester, the supervising faculty will

pressures to conform and for achieving personal autonomy.

Provides students with a sociological orientation to the contemporary world viewed as an evolving network of nation-states. Focusing on the global interdependence of countries, the position of societies in the world system will be related to their internal patterns of social stratification.

Provides a broad historical and contemporary background to the study of media, ethics, and gender images - both in the U.S. and abroad.

\_ Husband-wife and parent-child relations in the United States; traditions and alternatives.

Domestic violence, conflict over child custody in divorce, incest and child abuse, neglect and failure to support are topics in the changing family in America. Intergenerational issues and problems are also discussed.

Designed to give students a broad overview of the history and functions of our major legal institutions and their relationship to American culture and social structure.

L. Extent of the problem, causal theories, prevention and public policy.

T An introduction to urban life and culture around the world, including how we study cities, who inhabits cities, An introduction to and the special features of city places and spaces. Meets Human Diversity corequirement. The nature, origins, and consequences of rela-

tionships between unequal groups: U.S. and other societies compared.

Roles of men and women in American Society: analysis of the acquisition, content and consequences of sex roles; social movements and implications for social change.

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

Explores the theories and relationships between organizations and environment. Applies these theories to the analysis of real world organization activities. Prerequisite: SOCI 2377.

ا \_ ا This interdisciplinary seminar introduces students to conceptualizing social problems. Focus is on the distinctive conditions defined and treated as social problems in the American Southwest.

Prerequisites: Either SOCI 2300 or SOCI 2310 and either SOCI 3311 or 3312, and one 3000-level course.

-Т Introduction to ideas and theories of 19th- and early 20th- century sociologists. Prerequisites: Either SOCI 2300 or 2310, and either SOCI 3 3 1 1 0 r 3 3 1 2 т т Т т Т т т

3311 or 3312.

Political movements, the impact of politics on other institu-tions in America, and issues of power and control are discussed. Global issues of econom-ics and political power are included. *Prerequisites:* Either SOCI 2300 or 2310, and either SOCI 3311 or 3312.

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Statistics is the science of collecting, analyzing and interpreting data. The science of statistics is applicable in every setting where decisions are to be made or knowledge is to be advanced based on the analysis of data. Application fields include almost every academic discipline, including business, engineering and the natural and social sciences. Selecting the best medical treatment for a particular form of cancer, determining whether to use sampling methods to augment a census, and evaluating temperature trends for evidence of greenhouse-induced climate change are diverse examples of settings in which statistical science has made important contributions. Because of its

described by categories or classes. Discusses classical chi-square tests and modern loglinear models. Emphasizes practical applications using computer calculations and graphics. *Prerequisite:* STAT 2301 or 2331, or equivalent.

Simple random sampling; stratified, systematic, subsampling; means, variances, confidence limits; finite population correction; sampling from binomial populations; margin of error and sample-size determination. *Prerequisite:* STAT 2301 or 2331, or equivalent.

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Introduction to statistical principles in the design and analysis of industrial experiments. Completely randomized,

singularly hospitable to women's culture.

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- т Women in American History
- т Women in Latin American Societies
- т Women in Early Modern Europe
- т
- Women in Modern European History American Families: Changing Experiences and Expectations т
- т Class and Gender in Ancient Society т
  - Joan of Arc: Her story, in History, Literature and Film
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