



GRADUATE PROGRAMS
SOUTHERN METHODIST UNIVERSITY
2015-2016

NOTICE OF NONDISCRIMINATION

Shehri Mehdi Usmani, ~~shehri mehdi usmani~~ ~~shehri mehdi usmani~~,
educational background, ~~shehri mehdi usmani~~ ~~shehri mehdi usmani~~,
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~~Shepherd University
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~~a publication of The
Bulletin of the University~~

- ~~Undergraduate Catalog~~
- ~~College of Business Graduate Catalog~~
- ~~College of Health and Sciences Graduate Catalog~~
- ~~College of Law Graduate Catalog~~
- ~~Center for SMU Global Graduate Catalog~~
- ~~College of Engineering Graduate Catalog~~
- ~~Meade School of Art Graduate Catalog~~
- ~~Pepper School of Theology Graduate Catalog~~
- ~~School of Education and Human Development Graduate Catalog~~

~~Additional information is included~~

~~in Education SMU-irPhD~~

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OFFICIAL UNIVERSITY CALENDAR

ACADEMIC YEAR 2015–2016

www.smu.edu/registrar/academic_calendar.asp

This calendar is a preliminary calendar for the academic year 2015–2016. It is subject to change without notice. For more information, contact the Office of the Registrar, 1200 University Blvd., Box 7500, Dallas, TX 75275. Phone: 214-768-4560. Fax: 214-768-4561. Email: registrar@smu.edu. Website: www.smu.edu/registrar.

Fall Term 2015

April 6–24, Monday–Friday: Election Day 2015 (Federal Election Day) – No classes. Election Day is observed on Monday, April 6, and Tuesday, April 7. Classes resume on Wednesday, April 8.

May, July, August – TBA: Academic Advising Office (AAO) is available for New Student Programs (NSP) and Student Life Office, 214-768-4560, www.smu.edu/aaop.

August 22, Saturday: Reindeer Parade 9 a.m.

August 23, Sunday: Open Campus (McFarlin)

August 24, Monday: Fall Foliage

August 28, Friday: Last day of classes for the semester.

September 7, Monday: Labor Day (University closed).

September 9, Wednesday: Last day of classes for the semester. Classes resume on Thursday, September 10.

September 25–26, Friday–Saturday: Homecoming Week

September 29, Tuesday: Early registration for the semester.

October 7, Wednesday: Last day of classes for the semester.

Jan Term at SMU-in-Taos

Note: The fly dates are applicable to SMU-in-Taos. Please refer to the SMU-in-Taos calendar for details.

January 1, Friday: Welcome to SMU-in-Taos

January 3, Sunday: Registration

January 4, Monday: Fly class

January 13, Wednesday: Last day of class for the term. Final degrees.

January 14, Thursday: Departures

Spring Term 2016

November 2–January 22, Monday–Friday: Spring 2016 class dates. Registration dates: Dedman College, Lyman Meadows

January – TBA:

April 6, Wednesday: Last day of class

April 8, Friday: Last day of class

April 18, Monday: Last day of class

April 14, Thursday: Last day of class

April 22, Friday: Last day of class

April 27–May 2, Wednesday–Monday: No classes

April 28, Thursday: Last day of class

May 2, Monday: Last day of class

May 3, Tuesday: Reading day

May 4–10, Wednesday–Tuesday: Exams (No classes)

May 11, Wednesday: Reschedule official boardings

May 13, Friday: Baccalaureate.

May 14, Saturday: Commencement official boardings

May 15, Sunday: Reschedule official boardings

May Inte

Note: Some students may be required to attend the May 128. Each student may have a start date in the May 128 area at the time of the class.

Dallas May Term

Class meet 4 hours a day, Monday–Friday.

May 12, Thursday: First day of class

May 13, Friday: Last day of class

May 24, Tuesday: Last day of class

May 27, Friday: Last day of class

May 30, Monday: Memorial Day

May Term at SMU-in-Taos

Note: The fly dates are applicable to SMU-in-Taos. Please refer to the SMU-in-Taos calendar for details.

May 11, Wednesday: Travel day and arrival 26 pm

May 12, Thursday: Fly to class

May 27, Friday: Last day of class and exam in Albuquerque

May 28, Saturday: Depart

Summer Term 2016

Summer I Session at SMU-in-Taos

Note: The fly dates are applicable to SMU-in-Taos. Please refer to the SMU-in-Taos calendar for details.

June 1, Wednesday: Travel day. Arrive at 26 pm

June 2, Thursday: Fly to class

June 3, Friday: Last day of class. Please refer to the SMU-in-Taos calendar for details.

June 29, Wednesday: Last day of class. Please refer to the SMU-in-Taos calendar for details.

June 30, Thursday: Departure day

June Term at SMU-in-Taos

Note: Please refer to the SMU-in-Taos calendar for details.

GENERAL INFORMATION

SOUTHERN METHODIST UNIVERSITY

The Vision of Southern Methodist University

To create and integrate high quality teaching, research and service, to help individuals and societies reach their full potential and to advance the Christian faith in a global society

The Mission of Southern Methodist University

Southern Methodist University is a Christian university that is committed to creating and integrating high quality teaching, research and service, to help individuals and societies reach their full potential and to advance the Christian faith in a global society. The University is a member of the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC), which is fully accredited. The University is also a member of the Southern Baptist Convention. The University is located on campus in Dallas, Texas. The University's main office is at 1240 Main Street, Dallas, Texas 75275. The University's phone number is (214) 768-1155. The University's website is www.smu.edu. The University's email address is info@smu.edu. The University's fax number is (214) 768-1156. The University's postal address is 1240 Main Street, Dallas, Texas 75275.

Office of the Registrar
University of the South
Florida
Tallahassee, Florida 32310-1390
Phone: 904.644.2222
Fax: 904.644.2223
www.usf.edu

Of the 11,272 students who graduated in 2014, 3,391 were graduates
and 4,881 were graduates. The following table shows the number of
graduates and 3,490 graduates.
Near the SMUS

degree Bachelor of Science is accredited by the Commission on
ABET. The degree program is accredited by the degree
Bachelor of Science is accredited by the Commission on
accreditation of the discipline of engineering.

The Meadows School of the Arts is accredited by the National
Association of Schools and Degrees in Dance, the Middle States
Association of Schools and Colleges, the International Association of
Theatrical Stage Artists, and the National Association of Schools of
Theater.

The School of Theology is accredited by the Council for the
American Theological Schools in the United States and Canada (10
Div, P.O. Box 15275-1110 ; phone 412-788-6505) and M.Div
M.A.M., M.S.M., M.T.S., Th.M. and D.Min degrees
Accredited by the Society for Christian Higher Education

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The QUEST Archaeological Program ~~is~~ ~~not~~ ~~only~~ ~~an~~ ~~archeo-~~
~~logical~~ ~~program~~ ~~that~~ ~~is~~ ~~designed~~ ~~to~~ ~~study~~ ~~the~~ ~~ca-~~
~~uses~~ ~~and~~ ~~effects~~ ~~of~~ ~~the~~ ~~ca-~~

The Hydrothermal Laboratory can produce the gas
and temperature conditions for the synthesis of
epitaxial thin films of various materials. The
facilities include a 63 liter autoclave operating at
pressures up to 100 bar and temperatures up to 675 degrees Celsius. There
are also smaller autoclaves available for
research at lower pressures and temperatures up to 400 degrees Celsius.
The Stable Isotope Laboratory is a general research facility available to
both academic and industrial researchers at the University. The research cen-
ter is equipped with a variety of instruments for the study of isotopes in
the atmosphere and oceans, and for the study of
isotopes in various materials.

Degrees Offered

The degrees available through the graduate faculty of Dedman College are the M.A., M.S. and Ph.D., as well as the Master of Science in Applied Economics and Predictive Analytics in the Master of Science in Data Science.

- Anthropology M.A., Ph.D.
- Biological Sciences M.A.
- Chemistry M.A., M.S., Ph.D.
- Chemistry M.S., Ph.D.
- Data Science, M.S.D.S.
- Geography M.S., Ph.D.
- Geology M.S., Ph.D.
- Applied Geology M.S.
- Economics M.A., M.S., Ph.D.
- Applied Economics M.A.
- Applied Economics and Predictive Analytics M.S.A.E.P.A.
- English, M.A., Ph.D.
- History M.A., Ph.D.
- Classical and Modern Languages M.S., Ph.D.
- Medical Studies M.A.
- Physics M.S., Ph.D.
- Psychology Ph.D.
- Religious Studies M.A., Ph.D.
- Social Science, M.S., Ph.D.
- Applied Statistics and Data Analysis M.S.
- Biology Ph.D.
- World Gender Studies Certificate

Admission

Admission is based on:

1. Full, transfer credit
2. Provisional, when a student's college record is not acceptable. This is given when a deficiency has been noted after the student has completed a minimum of 12 semester hours of college credit. The student is advised by the Office of Research and Graduate Studies of the conditions of the admission.
3. Nondegree, when the student's background is considered acceptable. Graduate credit may be published by a degree-granting institution. Nondegree graduate credit earned from degree-granting institutions may be applied toward an advanced degree in Dedman College.

Notations on transcripts are provided by the Office of Research and Graduate Studies.

Admission Requirements

Applicants for the bachelor's degree must hold a baccalaureate degree from a regionally accredited college or university in the United States or a regionally accredited college or university in a foreign country. The applicant must have completed the equivalent of 120 semester hours of college credit, including the general education requirements. The applicant must have a minimum cumulative GPA of 3.000 (on a 4.000 scale) and a satisfactory score on the GRE graduate school test.

International Students

Applicants for the PhD program must have a minimum TOEFL English language proficiency score of 100. The minimum TOEFL score is 80. The Test of English as a Foreign Language (TOEFL) score is accepted.

Applicants who have completed a baccalaureate degree from a regionally accredited college or university in the United States or a regionally accredited college or university in a foreign country must have a minimum cumulative GPA of 3.000 (on a 4.000 scale) and a satisfactory score on the GRE graduate school test.

Applicants for the bachelor's degree must hold a baccalaureate degree from a regionally accredited college or university in the United States or a regionally accredited college or university in a foreign country. The applicant must have completed the equivalent of 120 semester hours of college credit, including the general education requirements. The applicant must have a minimum cumulative GPA of 3.000 (on a 4.000 scale) and a satisfactory score on the GRE graduate school test.

Application Procedure

The application can be accessed at www.grad@uvm.edu. Students should contact grad@uvm.edu for information on the application process. The application fee is \$75. The application fee has been received in the Graduate Office.

1. The application
2. Official transcripts
3. The application fee of \$75
4. Three letters of recommendation
5. GRE graduate school test scores
6. TOEFL English language proficiency test scores

Application Deadlines

Fall	December 1:	History M.A., Ph.D., Psychology Ph.D.
	December 31:	Religious Studies M.A., Ph.D.
	January 15:	Applied Behavior Analysis Ph.D.
	February 1:	Education Leadership and Administration Ph.D.
	May 1:	Final deadline
Spring	November 30:	Final deadline

Deadlines are non-negotiable. Applications received after the deadline will not be considered. Applications received on the deadline will be considered on a first-come, first-served basis. Applications received after the deadline will not be considered.

McNair Scholars Program

SMU recognizes McNair Scholars Program graduates as distinguished scholars. Graduates of the program are eligible for the McNair Scholars Award. In addition, graduates of the program are eligible for the McNair Scholars Award. The McNair Scholars Program is a program of the University of North Carolina at Charlotte. The program is designed to identify and support outstanding students who are interested in pursuing graduate study. The program provides a variety of opportunities for students, including research, internships, and travel. The program is a highly competitive program and only a limited number of students are accepted each year. The program is a great opportunity for students who are interested in pursuing graduate study. The program is a great opportunity for students who are interested in pursuing graduate study. The program is a great opportunity for students who are interested in pursuing graduate study.

Institute for Recruitment of Teachers Applicants

As the recruitment of teachers is a critical part of the Institute for Recruitment of Teachers (IRT) mission, we are seeking qualified applicants for the following positions. The IRT is a non-profit organization that is dedicated to improving the quality of education in North Carolina. The IRT is a great organization to work for and we are looking for qualified applicants to join our team. The IRT is a great organization to work for and we are looking for qualified applicants to join our team. The IRT is a great organization to work for and we are looking for qualified applicants to join our team.

Master's En Route to the Doctor of Philosophy

Field of Study	Degrees Offered	Language Requirement	Thesis/ Dissertation Requirement
Egla	Ph.D.	Pfificerjinhguge	Mandat
	M.A.	Tetadlind bydeputn	Mandat
Hjp	M.A.	Tetadlind bydeputn (pocialpna)	Phbitd
	Ph.D.	Cedifidndiat ccaim hguge, nttatpd bydeputn	Mandat
Cpulari Apd Mahemts	M.S.	Ne	Opl
	Ph.D.	Ne	Mandat
MedialSties	M.A.	Cpnce interdiat Laba d n h/ndieahhguge, detnd byeximn	Mandat
Phjs	M.S.	Ne	Opl
	Ph.D.	Ne	Mandat
Pshjy	Ph.D.	Ne	Mandat
RelgSties	M.A.	Cpnce ia hguge berhan nny gex detnd hgh eximn	Mandat
	Ph.D.	Cpnce intllhguges detnd byeximn	Mandat
StatlScienc	M.S.	Ne	Mandat
	M.S.	Ne	Phbitd
	Ph.D.	Ne	Mandat
Apd Stlks and Data Anlys	M.S.	Ne	Phbitd
Busis	Ph.D.	Ne	Mandat
Weml Gender Sties	Cerfrat	Ne	Ne

ANTHROPOLOGY

Professor Karen L. P. Department Chair

Professors: Eric G. Bickel, Catherine B. Kessler, David M. R. Weil
Associate Professors: Michael A. S. V. L. Lck
Dr. Mal McC. N. P. Chr. Dr. R. C. S. M. S.

Professors: Kacy H. N. M. S. N. S. C. M.
Assistant Professor: F. N. B.

Assistant
Research

MASTER OF ARTS IN MEDICAL ANTHROPOLOGY

The M.A. in Medical Anthropology is a two-year program leading to a Master of Arts degree. The program is designed to provide students with a strong foundation in the biological, behavioral, and cultural aspects of human health and disease. The program is housed in the Department of Anthropology, University of the South Florida, Tampa, Florida 33620. For more information, please contact the program director at (813) 974-3333. The program is accredited by the American Anthropological Association.

DOCTOR OF PHILOSOPHY IN ANTHROPOLOGY

The Ph.D. in Anthropology is a four-year program leading to a Doctor of Philosophy degree. The program is designed to provide students with a strong foundation in the biological, behavioral, and cultural aspects of human health and disease. The program is housed in the Department of Anthropology, University of the South Florida, Tampa, Florida 33620. For more information, please contact the program director at (813) 974-3333.

1. The student must complete a minimum of 54 credit hours of graduate coursework at the University of the South Florida. In addition to the required coursework, students must complete a thesis. The program is housed in the Department of Anthropology, University of the South Florida, Tampa, Florida 33620. For more information, please contact the program director at (813) 974-3333. The program is accredited by the American Anthropological Association.
2. The M.A. degree is required for admission to the Ph.D. program. The student must complete a minimum of 60 credit hours of graduate coursework at the University of the South Florida. In addition to the required coursework, students must complete a thesis. The program is housed in the Department of Anthropology, University of the South Florida, Tampa, Florida 33620. For more information, please contact the program director at (813) 974-3333.
3. The student must complete a minimum of 36 credit hours of graduate coursework at the University of the South Florida. In addition to the required coursework, students must complete a thesis. The program is housed in the Department of Anthropology, University of the South Florida, Tampa, Florida 33620. For more information, please contact the program director at (813) 974-3333.
4. The student must complete a minimum of 36 credit hours of graduate coursework at the University of the South Florida. In addition to the required coursework, students must complete a thesis. The program is housed in the Department of Anthropology, University of the South Florida, Tampa, Florida 33620. For more information, please contact the program director at (813) 974-3333.

5. Student must take a six-credit anthropology course (including ANTH 5310).
6. Student must have a Ph.D. in anthropology or a related field.
7. Student must have a successful defense of a dissertation.

THE COURSES (ANTH)

ANTH 5310 (3). HUMAN OSTEOLOGY: BIOLOGY OF THE HUMAN SKELETON. Anthropology and biology of the human skeleton, including the skull, teeth, and the axial and appendicular skeletons.

ANTH 5334 (3). HISTORY OF ANTHROPOLOGY, PART ONE. Anthropology in the United States and the 20th century.

ANTH 5335 (3). HISTORY OF ANTHROPOLOGY, PART TWO. The history of anthropology in the United States and the 20th century.

ANTH 5336 (3). HEALTH IN CROSS-CULTURAL PERSPECTIVE. Cross-cultural perspectives on health, illness, and medicine.

Prerequisite: ANTH 2301, 3301, 5310

ANTH 5344 (3). RESEARCH METHODS IN ETHNOLOGY. Ethnographic research methods.

ANTH 5381 (3). FIELD METHODS IN ARCHAEOLOGY. Methods and techniques in field archaeology.

ANTH 5382 (3). FIELD METHODS IN ARCHAEOLOGY. Methods and techniques in field archaeology.

ANTH 5681 (6). FIELD METHODS IN ARCHAEOLOGY. Participants engaged in field archaeology.

ANTH 5981 (9). FIELD METHODS IN ARCHAEOLOGY. Participants engaged in field archaeology.

ANTH 6033 (0). PROSEMINAR ON ETHICS IN ARCHAEOLOGY. Focus on ethical issues in archaeology.

ANTH 6034 (0). TEACHING SEMINAR. Research in archaeology.

ANTH 6049 (0). GRADUATE FULL-TIME STATUS. Full-time graduate student status.

ANTH 6156 (1). RESEARCH IN ANTHROPOLOGY. Independent research.

ANTH 6256 (2). RESEARCH IN ANTHROPOLOGY. Independent research.

ANTH 6300 (3). WORLD ARCHAEOLOGY. Archaeology in the world.

ANTH 6301 (3). PRINCIPLES OF ARCHAEOLOGY. Fundamentals of archaeology.

ANTH 6302 (3). STATISTICS IN ANTHROPOLOGY. This undergraduate-level course is designed to provide students with a solid foundation in the statistical methods used in anthropology. Prerequisites: ANTH 6301 and MATH 101.

ANTH 6303 (3). POLITICAL ECONOMY OF HEALTH. This course examines the relationship between health and economic development. It explores the role of health in economic growth and the impact of economic policies on health outcomes. Prerequisites: ANTH 6301 and ECON 101.

ANTH 6304 (3). MIGRATION, ETHNICITY, AND NATIONALISM. This course explores the historical and contemporary processes of migration, ethnic identity, and nationalism. It examines the role of these factors in the formation of modern states and the impact of migration on host societies. Prerequisites: ANTH 6301 and HIST 101.

ANTH 6305 (3). APPLIED ANTHROPOLOGY.

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and ymad exin bin hisalah csl/frel
ANTH 6346 (3). ENVIRONMENTAL ANTHROPOLOGY AND DEVELOPMENT. Angshe
pess gbalidne pacv be nmlahyan deep
en
ANTH 6347 (3). SEMINAR IN MESOAMERICAN ETHNOLOGY. Pdes n dng 6
cty/Messina by aighe la tan fell dat folpicalah
iris n ija
ANTH 6351 (3). RESEARCH IN ANTHROPOLOGY. Resarch ia hly
ANTH 6352 (3). RESEARCH IN ANTHROPOLOGY. Resarch ia hly
ANTH 6353 (3). RESEARCH IN ANTHROPOLOGY. Resarch ia hly
ANTH 6354 (3). RESEARCH IN ANTHROPOLOGY. Resarch ia hly
ANTH 6355 (3). RESEARCH IN ANTHROPOLOGY. Resarch ia hly
ANTH 6357 (3). STATISTICS IN ARCHEOLOGY. Arnc gdat belca

ANTH 7317 (3). ARCHAEOLOGICAL RESEARCH STRATEGIES. An archaeological field school in the field. Prerequisites: ANTH 7316 and ANTH 7318.

ANTH 7318 (3). LATE PLEISTOCENE PREHISTORY OF NORTH AMERICA. Seminar in the history of the late Pleistocene in North America. Prerequisites: ANTH 7316 and ANTH 7317.

ANTH 7321 (3). CERAMIC ANALYSIS FOR ARCHAEOLOGISTS. Examination of ceramic artifacts in the laboratory. Prerequisites: ANTH 7316 and ANTH 7318.

ANTH 7333 (3). DATA ANALYSIS. Introduction to the use of statistical methods in archaeology. Prerequisites: ANTH 5344, 6302 (STAT 6302).

ANTH 7341 (3). CURRENT ANTHROPOLOGICAL LITERATURE. Reading and discussion of current anthropological literature. Prerequisites: ANTH 7316 and ANTH 7318.

ANTH 7342 (3). SEMINAR IN SOCIAL ORGANIZATION. Introduction to the study of social organization. Prerequisites: ANTH 7316 and ANTH 7318.

ANTH 7351 (3). RESEARCH STRATEGIES IN ETHNOLOGY. Introduction to research strategies in ethnology. Prerequisites: ANTH 7316 and ANTH 7318.

BIOLOGICAL SCIENCES

Professor Sarah R. D'Mello

Department Chair

Professors: Sarah R. D'Mello, Richard Jesperson, William Orstein

Vikram Vogel Associate Professors: Robert Hart, John Wiseman Assistant

Professors: John Baer A. Philip West Senior Lecturers: E. Oberdorfer

Teresa Stecker Lecturer: Lam Caccia West Research Associate Professor:

Susan Radtke

ADMISSION REQUIREMENTS

Information is provided by the Office of

Research and Graduate Studies at www.smu.edu

has a minimum of 16 credits

has a minimum of 18 credits

has a minimum of 20 credits

has a minimum of 22 credits

and the GRE graduate

exam is required

and the candidate must complete

the application and graduate study before the candidate is

admitted to the program

GOOD STANDING

A. Minimum

B. Average (3.000 to 4.000) and receive an

honors degree

with a grade of

C. Failure to receive

the minimum of 16 credits

and the minimum of 18

credits will result in

dismissal. Candidates who are

dismissed

may reapply after a period of

one year and must be recommended

by the department chair.

MASTER OF ARTS IN MOLECULAR AND CELLULAR BIOLOGY

The M.A. in Molecular and Cellular Biology

is a two-year

program that requires a minimum of 30

credits, including the following:

education

Candidates must have a minimum of 2

years of research experience

in the field of

biology at SMU.

MASTER OF SCIENCE IN MOLECULAR AND CELLULAR BIOLOGY

DOCTOR OF PHILOSOPHY IN MOLECULAR AND CELLULAR BIOLOGY

Advised by the degree of Doctor of Philosophy
in Molecular and Cellular Biology

techniques and DNA technology
and C-terminus BIOL 3304.

Prerequisites: CHEM 3372

BIOL 5305 (3). GENOMICS AND BIOINFORMATICS. Introduction to
genomics and bioinformatics in clinical research. In
depth lecture and laboratory. Prerequisites: C-terminus BIOL
3304 and jindig.

BIOL 5310 (3). BIOLOGICAL CHEMISTRY: MACROMOLECULAR STRUCTURE AND FUNC-
TION. Introduction to the structure and function of
proteins, nucleic acids, and lipids. Prerequisites: BIOL 1401, 1402; CHEM 3371,
3372. The accompanying BIOL 5110 is
CHEM 5310 is a chemistry
biology course.

BIOL 5311 (3). BIOLOGICAL CHEMISTRY: METABOLISM. Introduction to the phy-
siology of metabolism. Prerequisites: CHEM 3371, 3372. If CHEM 5311 is
taken as a biology minor
biology course.

BIOL 5312 (3). PHYSICAL BIOCHEMISTRY. Physical chemistry of
biological systems. Prerequisites:
BIOL 1401, 1402; MATH 1338 or CHEM 3372; CHEM/Biol 5310. Prerequisites:
ed: CHEM 5381 or 5383. If CHEM 5312 is taken as a chemistry minor
the cell and a biology
also is a biology
Recommend-

BIOL 5325 (3). GENERAL AND MOLECULAR VIROLOGY. Epidemiology and
ecology of viruses in the human
and animal world. Prerequisites: C-terminus BIOL 3304 and
jindig.

BIOL 5358 (3). ECOLOGY OF PARASITISM. The biology of parasitism.

- BIOL 6211 (2). LITERATURE OF THE BIOLOGICAL SCIENCES.
- BIOL 6214 (2). CONCEPTS IN THE BIOLOGICAL SCIENCES. ~~Dis~~
~~and~~ ~~excep~~ ~~and~~ ~~are~~ ~~the~~ ~~bi~~ ~~scie~~ ~~nces~~
- BIOL 6222 (2). CONCEPTS IN MOLECULAR GENETIC INVESTIGATION. This ~~is~~
~~is~~ ~~the~~ ~~in~~ ~~the~~ ~~gen~~ ~~etic~~ ~~tech~~ ~~ni~~ ~~que~~ ~~of~~ ~~DNA~~ ~~in~~ ~~the~~ ~~stud~~ ~~ies~~
~~in~~ ~~cludes~~ ~~PCR~~, ~~bacte~~ ~~rial~~ ~~am~~ ~~pl~~ ~~ifi~~ ~~ca~~ ~~ti~~ ~~on~~ ~~of~~ ~~gen~~ ~~es~~
~~gen~~ ~~etic~~ ~~cl~~ ~~on~~ ~~ing~~ ~~into~~ ~~an~~ ~~d~~ ~~DNA~~ ~~seq~~ ~~u~~ ~~en~~ ~~ces~~
- BIOL 6270 (2). GRADUATE RESEARCH. Research ~~in~~ ~~the~~ ~~bi~~ ~~scie~~ ~~nces~~
- BIOL 6301 (3). BIOCHEMISTRY AND STRUCTURAL BIOLOGY. ~~It~~ ~~is~~ ~~the~~ ~~st~~
~~and~~ ~~fr~~ ~~om~~ ~~bi~~ ~~ological~~ ~~and~~ ~~m~~ ~~ole~~ ~~c~~ ~~u~~ ~~lar~~ ~~sp~~ ~~eci~~ ~~fic~~ ~~ep~~ ~~is~~ ~~io~~ ~~m~~ ~~e~~ ~~s~~
~~ca~~ ~~u~~ ~~sa~~ ~~l~~ ~~en~~ ~~zy~~ ~~m~~ ~~e~~ ~~s~~ ~~and~~ ~~en~~ ~~zy~~ ~~m~~ ~~e~~ ~~s~~
- BIOL 6303 (3). CONCEPTS OF EVOLUTION. A ~~study~~ ~~of~~ ~~the~~ ~~bi~~ ~~ological~~
~~in~~ ~~ter~~ ~~ac~~ ~~t~~ ~~ions~~ ~~of~~ ~~org~~ ~~an~~ ~~isms~~ ~~in~~ ~~ad~~ ~~ap~~ ~~t~~ ~~ing~~ ~~to~~ ~~the~~ ~~en~~ ~~vi~~ ~~ron~~ ~~me~~ ~~nt~~ ~~in~~ ~~the~~ ~~past~~
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- BIOL 6304 (3). CONCEPTS IN GENETIC ANALYSIS. A ~~study~~ ~~of~~ ~~the~~ ~~st~~ ~~at~~ ~~is~~ ~~t~~ ~~ic~~ ~~al~~
~~and~~ ~~fr~~ ~~om~~ ~~bi~~ ~~ological~~ ~~gen~~ ~~etic~~ ~~anal~~ ~~ysis~~
- BIOL 6306 (3). HUMAN PHYSIOLOGY. ~~How~~ ~~the~~ ~~human~~ ~~body~~ ~~works~~
~~for~~ ~~du~~ ~~ra~~ ~~ti~~ ~~o~~ ~~n~~ ~~of~~ ~~the~~ ~~h~~ ~~u~~ ~~m~~ ~~an~~ ~~body~~ ~~each~~ ~~week~~ ~~Prerequisite: Grad~~ ~~uat~~ ~~e~~ ~~scri~~ ~~pt~~
- BIOL 6307 (3). CELL REGULATORY MECHANISMS. ~~Mech~~ ~~an~~ ~~isms~~ ~~of~~ ~~cell~~ ~~reg~~ ~~u~~ ~~la~~ ~~ti~~ ~~o~~ ~~n~~
~~of~~ ~~the~~ ~~cell~~ ~~and~~ ~~dis~~ ~~cu~~ ~~ss~~ ~~ion~~ ~~each~~ ~~week~~
- BIOL 6310 (3). ADVANCED CELL BIOLOGY. ~~Un~~ ~~der~~ ~~st~~ ~~an~~ ~~d~~ ~~the~~ ~~bi~~ ~~ological~~ ~~and~~ ~~ph~~ ~~ys~~ ~~io~~ ~~l~~ ~~o~~ ~~g~~ ~~y~~
~~of~~ ~~the~~ ~~cell~~ ~~and~~ ~~dis~~ ~~cu~~ ~~ss~~ ~~ion~~ ~~each~~ ~~week~~ ~~Prerequisite: Biol~~ ~~6307~~
- BIOL 6311 (3). LITERATURE OF THE BIOLOGICAL SCIENCES.
- BIOL 6312 (3). PROTEINS: STRUCTURE AND FUNCTION. ~~Pr~~ ~~o~~ ~~tein~~ ~~str~~ ~~uc~~ ~~t~~ ~~ure~~ ~~and~~ ~~fun~~ ~~ct~~ ~~ion~~
~~of~~ ~~pro~~ ~~te~~ ~~in~~ ~~s~~ ~~and~~ ~~dis~~ ~~cu~~ ~~ss~~ ~~ion~~ ~~each~~ ~~week~~ ~~Prerequisite: Biol~~ ~~6307~~
- BIOL 6314 (3). CONCEPTS IN THE BIOLOGICAL SCIENCES. ~~Dis~~
~~and~~ ~~excep~~ ~~and~~ ~~are~~ ~~the~~ ~~bi~~ ~~scie~~ ~~nces~~
- BIOL 6315 (3). SELECTED TOPICS I.
- BIOL 6316 (3). SELECTED TOPICS II.
- BIOL 6319 (3). CONCEPTS IN IMMUNOLOGY. A ~~study~~ ~~of~~ ~~the~~ ~~bi~~ ~~ological~~
~~and~~ ~~ph~~ ~~ys~~ ~~io~~ ~~l~~ ~~o~~ ~~g~~ ~~y~~ ~~of~~ ~~the~~ ~~immune~~ ~~system~~ ~~and~~ ~~dis~~ ~~cu~~ ~~ss~~ ~~ion~~ ~~each~~ ~~week~~ ~~Prerequisite: Biol~~ ~~6307~~
- BIOL 6321 (3). MOLECULAR BIOLOGY OF PROKARYOTES. ~~Mech~~ ~~an~~ ~~isms~~ ~~of~~ ~~pro~~ ~~ka~~ ~~ry~~ ~~o~~ ~~te~~ ~~s~~
~~in~~ ~~bi~~ ~~ological~~ ~~and~~ ~~ph~~ ~~ys~~ ~~io~~ ~~l~~ ~~o~~ ~~g~~ ~~y~~ ~~and~~ ~~dis~~ ~~cu~~ ~~ss~~ ~~ion~~ ~~each~~ ~~week~~ ~~Prerequisite: Biol~~ ~~6307~~
- BIOL 6322 (3). MOLECULAR BIOLOGY OF EUKARYOTES. ~~Str~~ ~~uc~~ ~~t~~ ~~ure~~ ~~and~~ ~~fun~~ ~~ct~~ ~~ion~~
~~of~~ ~~pro~~ ~~te~~ ~~in~~ ~~s~~ ~~and~~ ~~dis~~ ~~cu~~ ~~ss~~ ~~ion~~ ~~each~~ ~~week~~ ~~Prerequisite: Biol~~ ~~6307~~
- BIOL 6325 (3). CELLULAR AGING. ~~Nat~~ ~~u~~ ~~r~~ ~~al~~ ~~age~~ ~~-~~ ~~re~~ ~~l~~ ~~at~~ ~~ed~~ ~~cell~~ ~~u~~ ~~lar~~ ~~ch~~ ~~an~~ ~~ge~~ ~~s~~ ~~and~~ ~~dis~~ ~~cu~~ ~~ss~~ ~~ion~~
~~each~~ ~~week~~ ~~Prerequisite: Biol~~ ~~6307~~
- BIOL 6331 (3). CONCEPTS IN DEVELOPMENTAL BIOLOGY. ~~The~~ ~~bi~~ ~~ological~~ ~~and~~ ~~ph~~ ~~ys~~ ~~io~~ ~~l~~ ~~o~~ ~~g~~ ~~y~~
~~of~~ ~~de~~ ~~vel~~ ~~op~~ ~~me~~ ~~nt~~ ~~and~~ ~~dis~~ ~~cu~~ ~~ss~~ ~~ion~~ ~~each~~ ~~week~~ ~~Prerequisite: Biol~~ ~~6307~~
- BIOL 6350 (3). ADVANCED TOPICS IN DEVELOPMENTAL GENETICS. ~~Gen~~ ~~etic~~ ~~and~~ ~~ph~~ ~~ys~~ ~~io~~ ~~l~~ ~~o~~ ~~g~~ ~~y~~
~~of~~ ~~de~~ ~~vel~~ ~~op~~ ~~me~~ ~~nt~~ ~~and~~ ~~dis~~ ~~cu~~ ~~ss~~ ~~ion~~ ~~each~~ ~~week~~ ~~Prerequisites: Biol~~ ~~6307~~ ~~and~~ ~~6308~~
- BIOL 6351 (3). CONCEPTS IN CELL BIOLOGY. ~~The~~ ~~st~~ ~~at~~ ~~is~~ ~~t~~ ~~ic~~ ~~al~~
~~and~~ ~~fr~~ ~~om~~ ~~bi~~ ~~ological~~ ~~cell~~ ~~biology~~ ~~and~~ ~~dis~~ ~~cu~~ ~~ss~~ ~~ion~~ ~~each~~ ~~week~~
- BIOL 6360 (3). ENVIRONMENTAL AND HUMAN TOXICOLOGY. ~~It~~ ~~is~~ ~~the~~ ~~st~~ ~~at~~ ~~is~~ ~~t~~ ~~ic~~ ~~al~~
~~and~~ ~~fr~~ ~~om~~ ~~bi~~ ~~ological~~ ~~and~~ ~~ph~~ ~~ys~~ ~~io~~ ~~l~~ ~~o~~ ~~g~~ ~~y~~ ~~of~~ ~~the~~ ~~environment~~ ~~and~~ ~~human~~ ~~toxicology~~ ~~and~~ ~~dis~~ ~~cu~~ ~~ss~~ ~~ion~~ ~~each~~ ~~week~~

BIOL 6365 (3). CANCER BIOLOGY. English honors program
 human cell carcinoma and breast cancer
 molecular biology.

BIOL 6370 (3). RESEARCH IN THE BIOLOGICAL SCIENCES. Research in the biological
 sciences. Contact the department.

BIOL 6371 (3). RESEARCH IN THE BIOLOGICAL SCIENCES. Research in the biological
 sciences. Contact the department.

BIOL 6372 (3). RESEARCH IN THE BIOLOGICAL SCIENCES. Research in the biological
 sciences.

BIOL 6373 (3). RESEARCH IN THE BIOLOGICAL SCIENCES. Research in the biological
 sciences.

BIOL 6375 (3). SCIENTIFIC ANALYSIS AND WRITING. Designed for
 the graduate program in biological sciences. The ec-
 tris/departmental research.

BIOL 6377 (3). CONCEPTS IN BIO/NANOTECHNOLOGY. Includes the at-
 approaches to the design of biomaterials and accre-
 biological and chemical. The research in the
 and research in the field of medicine.

BIOL 6380 (3). INTRODUCTION TO RESEARCH.

BIOL 6381 (3). INTRODUCTION TO RESEARCH.

BIOL 6398 (3). THESIS. Thesis in the biological sciences. Contact the department.
 form.

BIOL 6399 (3). THESIS. Thesis in the biological sciences. Contact the department.
 form.

BIOL 6403 (4). CONCEPTS IN MICROBIOLOGY. The biological and
 epidemiology, and the environment. The
 laboratory work.

BIOL 6460 (4). ENVIRONMENTAL AND HUMAN TOXICOLOGY WITH LAB. Includes
 environmental toxicology, biomarkers, and chemical
 biological and human health. The
 laboratory work.

BIOL 7000 (0). RESEARCH IN THE BIOLOGICAL SCIENCES. Research in the biological
 sciences. Contact the department.

BIOL 7315 (3). SELECTED TOPICS. Selected topics in the biological sciences. Contact the
 department.

BIOL 7316 (3). SELECTED TOPICS. Selected topics in the biological sciences. Contact the
 department.

BIOL 8049 (0). GRADUATE FULL-TIME STATUS. Graduate status.

BIOL 8398 (3). DISSERTATION. Dissertation. Ph.D. in the biological sciences. Contact
 the department.

BIOL 8399 (3). DISSERTATION. Dissertation. Ph.D. in the biological sciences. Contact
 the department.

BIOL 8698 (6). DISSERTATION. Dissertation. Ph.D. in the biological sciences. Contact
 the department.

BIOL 8699 (6). DISSERTATION. Dissertation. Ph.D. in the biological sciences. Contact
 the department.

BIOL 8998 (9). DISSERTATION. Dissertation. Ph.D. in the biological sciences. Contact
 the department.

BIOL 8999 (9). DISSERTATION. Dissertation. Ph.D. in the biological sciences. Contact
 the department.

CHEMISTRY

Professor Eli Kohn, Department Chair

Professors: Edward Bielecki, John Blyskal, Dieter Cismaru, Werner Heilmann, Eli Kohn, Michael Lamm, Michael Schejda, David Sponer, Pawel Wierzbicki, Assistant Professors: Isaac Garcia-Bach, Abdel-Latif Peng-Tao, Nicholas Tselis, Bin Zhu, Professor of Practice: Jeffrey O'Brien, Senior Lecturers: Andrea Adams, Hee-Babbi

ADMISSION REQUIREMENTS

In addition to the requirements listed by the Office of Research and Graduate Studies, applicants for a bachelor's degree in chemistry must pass the GRE general test. If English is the applicant's first language, he or she must take the TOEFL English proficiency test and achieve a score of 80 or higher based on the test's official scale. The test must be taken within one year of the applicant's admission to the program.

B

CHEM 5311 (3). BIOLOGICAL CHEMISTRY: METABOLISM. ~~Introduction to the physical and biological chemistry of the cell and its organelles.~~

Prerequisites: CHEM 3371, 3372.

CHEM 5312 (3). PHYSICAL BIOCHEMISTRY. ~~Physical chemistry of biological systems.~~

Prerequisites:

MATH 1338; CHEM 3372, 5310. (CHEM 5381, 5383 ~~replaced~~.)

CHEM 5317 (3). INTRODUCTION TO MOLECULAR MODELING AND COMPUTER-ASSISTED DRUG DESIGN. ~~Practical introduction to the use of computers in the design of drugs.~~

1304 ~~prerequisite~~ ~~for~~ ~~Chs~~

Prerequisites: CHEM 1303,

of facilities. The set of
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be expected to be higher research

CHEM 6110 (1). CHEMICAL COMMUNICATIONS: LITERATURE, WRITING, AND PRESENTATIONS. Focus on research, scientific writing, and research ethics.

CHEM 6111 (1). PRACTICAL LABORATORY METHODS. Describes the history and practice of laboratory methods used in chemical research.

CHEM 6112 (1). ADVANCED STEREOCHEMISTRY. Advanced stereochemistry and the relationship between structure and function.

CHEM 6113 (1). PRACTICAL ASPECTS OF SPECTROSCOPY. Basic practical aspects of spectroscopy.

CHEM 6114 (1). CHEMICAL KINETICS. Kinetics of gas-phase, condensed-phase, and surface reactions.

CHEM 6115 (1). THEORY OF THE CHEMICAL BONDS. Covalent, ionic, and metallic bonding and the relationship between structure and properties.

CHEM 6116 (1). INTRODUCTION TO BIOORGANIC AND MEDICINAL CHEMISTRY. Principles of bioorganic and medicinal chemistry, drug design, and drug metabolism.

CHEM 6117 (1). CHEMICAL PERIODICITY. Reaction trends and periodicity in the periodic table and chemical behavior.

CHEM 6118 (1). OVERVIEW OF MATERIALS CHEMISTRY.

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molecules by scale pairs

trigonal
methyl groups

technique of defined

CHEM 6341 (3). ADVANCED MODELS AND CONCEPTS IN CHEMISTRY. Advanced models and concepts in the study of chemical reactions.

CHEM 6342 (3). NANOTECHNOLOGY: FUNDAMENTALS AND APPLICATIONS. Nanotechnology in the fields of medicine, agriculture, and materials. The course includes a laboratory component.

CHEM 6343 (3). ADVANCED COMPUTATIONAL CHEMISTRY. Principles of computational chemistry and its applications in drug design, materials science, and environmental chemistry. The course includes a laboratory component.

CHEM 6344 (3). COMPUTER-ASSISTED DRUG DESIGN, FUNDAMENTALS, AND APPLICATION. The course covers the principles of computer-aided drug design (CADD) and its applications in the pharmaceutical industry.

CHEM 6351 (3). METHODS AND TECHNIQUES OF RESEARCH. The course covers the principles and techniques of research in chemistry, including laboratory safety, data analysis, and scientific writing.

CHEM 6352 (3). METHODS AND TECHNIQUES OF RESEARCH. The course covers the principles and techniques of research in chemistry, including laboratory safety, data analysis, and scientific writing.

CHEM 6397 (3). BIOTRANSFORMATION AND BIOCATALYSIS. This course covers the principles and techniques of biotransformation and biocatalysis in the pharmaceutical industry.

CHEM 6398 (3). THESIS. The student is required to complete a thesis project in chemistry, demonstrating independent research and critical thinking skills.

CHEM 6399 (3). THESIS. The student is required to complete a thesis project in chemistry, demonstrating independent research and critical thinking skills.

CHEM 7101 (1). INDEPENDENT STUDY. Reading and research in the area of chemistry.

CHEM 7108 (1). SPECIAL TOPICS. Presentation of current topics in chemistry.

CHEM 7111 (1). TEACHING PRACTICUM I. The student is required to complete a teaching practicum in chemistry, demonstrating communication and leadership skills.

CHEM 7112 (1). TEACHING PRACTICUM II. The student is required to complete a teaching practicum in chemistry, demonstrating communication and leadership skills.

Prerequisite: CHEM 7111.

CHEM 7121 (1). DEPARTMENTAL PRESENTATION. The departmental seminar is a required course for all graduate students in the department.

CHEM 7122 (1). MEETING PRESENTATION. The departmental seminar is a required course for all graduate students in the department. Prerequisites: CHEM 6110, 7121.

CHEM 7151 (1). RESEARCH. Laboratory research.

CHEM 7201 (2). ADVANCED INDEPENDENT STUDY. Reading in the chemical literature. Prerequisite: CHEM 7121.

CHEM 7208 (2). SPECIAL TOPICS. Presentation of research in the field of chemistry.

CHEM 7233 (2). RESEARCH SYNOPSIS AND OBJECTIVES. The departmental seminar is a required course for all graduate students in the department. Prerequisite: CHEM 6110/6119, CHEM 7191 or higher CHEM 7121.

CHEM 7251 (2). RESEARCH. Laboratory research.

CHEM 7301 (3). ADVANCED INDEPENDENT STUDY. Reading in the chemical literature. Prerequisite: CHEM 7121.

CHEM 7308 (3). SPECIAL TOPICS. Presentation of research in the field of chemistry.

CHEM 7334 (3). PROPOSAL METHODOLOGY. The departmental seminar is a required course for all graduate students in the department. Prerequisite: CHEM 6110/6119, CHEM 7121, CHEM 7233.

CHEM 7351 (3). RESEARCH. Laboratory research.

CHEM 8049 (0). GRADUATE FULL-TIME STATUS. Graduate students in the Ph.D. program.

CHEM 8698 (6). DISSERTATION.

CHEM 8699 (6). DISSERTATION.

EARTH SCIENCES

Roy M. Huffington Department of Earth Sciences

www.smu.edu/earthsciences

Professor Robert Gregg Department Chair

Professors: Robert Gregg, Bin Jacobs, Li Jacobs, Zhen Lu, Jim

Qin, Bin Spin, Neil Tabo, John Waher, Cao, Yap

Associate

Professors: Heather DeShazo, Mahew Hoch, Mañ Beake, Magain

Assistant Professor: Rita Egan

Research Assistant Professors: Alan

Lee, Lee Perrin, Bin Qin, Christopher Spin

GEOLOGY OR GEOPHYSICS ADMISSION REQUIREMENTS

The minimum grade in the Earth sciences
are **no** **less** **than** **C** in the graduate program at SMU. The candidate
must also pass a GRE graduate school exam
in the subject area of Earth Science. Minimum
grade on the TOEFL English proficiency
exam

MASTER OF SCIENCE IN GEOLOGY, GEOPHYSICS OR APPLIED GEOPHYSICS

Master of Science in Geology or Geophysics. To qualify for the M.S. degree in
geology or geophysics the student

1. Successfully complete a minimum of 30 hours of graduate study in
the department including graduate courses GEOL 5320,
6107, 6321 and either GEOL 6398, 6399.
2. Pass a general geology exam

GEOL 5386 (3). GEOCHEMISTRY. A study of geochemical processes, principles, and applications in the earth's crust and upper mantle. Includes field and laboratory work.

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Prerequisite: GEOL 3452

GEOL 5389 (3). THEORY OF DIGITAL DATA PROCESSING IN GEOPHYSICS. Covers the theory and application of digital data processing techniques in geophysics.

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- GEOL 7305 (3). RESEARCH IN PALEONTOLOGY. Research project selected area of study
- GEOL 7306 (3). RESEARCH IN PALEONTOLOGY. Research project selected area of study
- GEOL 7309 (3). RESEARCH IN MINERALOGY AND PETROLOGY. Research project selected area of study
- GEOL 7310 (3). RESEARCH IN MINERALOGY AND PETROLOGY. Research project selected area of study
- GEOL 7313 (3). RESEARCH IN GEOPHYSICS. Research project selected area of study
- GEOL 7314 (3). RESEARCH IN GEOPHYSICS. Research project selected area of study
- GEOL 7315 (3). RESEARCH IN GEOCHEMISTRY. Research project selected area of study
- GEOL 7316 (3). RESEARCH IN GEOCHEMISTRY. Research project selected area of study
- GEOL 7317 (3). RESEARCH IN GEOMORPHOLOGY. Research project selected area of study
- GEOL 7350 (3). SEMINAR IN PALEONTOLOGY. Seminar project selected area of study
- GEOL 7351 (3). SEMINAR IN STRATIGRAPHY. Seminar project selected area of study
- GEOL 7352 (3). SEMINAR IN SEDIMENTOLOGY. Seminar project selected area of study
- GEOL 7353 (3). SEMINAR IN PETROLOGY. Seminar project selected area of study
- GEOL 7354 (3). SEMINAR IN GEOCHEMISTRY. Seminar project selected area of study
- GEOL 7355 (3). SEMINAR IN GEOPHYSICS. Seminar project selected area of study
- GEOL 7357 (3). SEMINAR IN STRUCTURAL GEOLOGY. Seminar project selected area of study
- GEOL 7358 (3). SEMINAR IN SEDIMENTOLOGY. Seminar project selected area of study
- GEOL 7359 (3). SEMINAR IN STRUCTURAL GEOLOGY. Seminar project selected area of study
- GEOL 7360 (3). SEMINAR IN GEOPHYSICS. Seminar project selected area of study
- GEOL 7370 (3). SEMINAR IN PALEONTOLOGY. Seminar project selected area of study
- GEOL 7380 (3). RESEARCH PROJECT IN APPLIED GEOPHYSICS. Graduate research

GEOL 8699 (6). DISSERTATION RESEARCH. Research and the distrib
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GEOL 8998 (9). DISSERTATION RESEARCH. Research and the distrib
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GEOL 8999 (9). DISSERTATION RESEARCH. Research and the distrib
gular file den kistmlecb

ECONOMICS

Professor Sam Py

English 101 (3 credits) and English 102 (3 credits) are required for all students.
 Students must complete English 101 and English 102 with a grade of C (2.000) or better to receive credit.
 Students who receive a grade of C (2.000) or better in English 101 and English 102 are required to complete English 103 (3 credits) and English 104 (3 credits) to receive credit for the degree. Students who receive a grade of C (2.000) or better in English 101 and English 102 are required to complete English 103 (3 credits) and English 104 (3 credits) to receive credit for the degree.

Core courses
 ECO

Required courses

- ECO 5341 Strategic Behavior
- ECO 5350 International Trade
- ECO 5353 Labor Economics
- ECO 6352 Applied Econ Analysis
- ECO 6381 Econ Analysis I
- ECO 6383 New Approaches to Managerial Economics

Electives

- ECO 5337 Urban Economics
- ECO 5340 Decision Making Under Uncertainty
- ECO 5357 Economics of Human Resources
- ECO 5359 Microeconomic Development
- ECO 5360 Economic Development
- ECO 5361 Natural Resources and Energy Economics
- ECO 5362 Economic Growth
- ECO 5365 Public Policy and Business
- ECO 5370 Cost-Benefit Analysis
- ECO 5375 Economic Business Forecasting
- ECO 5380 Capital Economics
- ECO 6380 Predictive Analysis for Economic
- ECO 5390 Macroeconomic Finance
- ECO 6320 Applied Micro Theory and Policy
- ECO 6330 Exchange Rates and International Capital Markets
- ECO 6382 Econ Analysis II
- ECO 6390 Regional Economic Analysis

MASTER OF SCIENCE IN APPLIED ECONOMICS

AND 0 8.50018 Intermediate Applied Economics Capital Markets and Trade (E8 Track)

Required business intelligence courses (2 from the following)

- ECO 5340 Decision Making Under Uncertainty
- ECO 5341 Strategic Behavior
- ECO 5370 Cost-Benefit Analysis
- ECO 6383 Management Economics

Required global perspective courses (1 from the following)

- ECO 6320 Applied Microeconomics Policy
- ECO 6330 Exchange Rates and International Capital Markets
- ECO 6331 International Trade
- ECO 6333 Trade Policy and World Trade System

Elective courses (4 from the following)

Applicants should be prepared to take the following courses and global perspective

- ECO 5340 Decision Making Under Uncertainty
- ECO 5341 Strategic Behavior
- ECO 5370 Cost-Benefit Analysis
- ECO 5380 Corporate Finance
- ECO 6352 Applied Economic Analysis
- ECO 6383 Management Economics
- ECO 6303 International
- ECO 6330 Exchange Rates and International Capital Markets
- ECO 6331 International Trade
- ECO 6333 Trade Policy and World Trade System
- STAT 5304 SAS Programming
- STAT 5340 Probability and Statistical Inference
- STAT 5371 Empirical Statistics
- STAT 6308 SAS II and Databases

DOCTOR OF PHILOSOPHY IN ECONOMICS

Admission Requirements

The minimum admission requirements are:

1. Minimum GPA of 3.000 (on a 4.000 scale).
2. Each candidate must take the GRE general test at the discretion of the graduate school.
3. A bachelor's degree in a related field. The graduate program is designed for students who have completed a bachelor's degree in a field related to economics. Applicants with degrees in other fields may be considered on a case-by-case basis.
4. Mathematics proficiency in multivariate calculus, linear algebra, and probability.
5. TOEFL English proficiency test. TOEFL scores are required for all international students who have earned a degree from a U.S. degree-granting institution since 1989. The minimum TOEFL score is 100.

Degree Requirements

Qualifying Examinations. Every student must pass the qualifying examinations in the major and minor. Objectives:
GPA 63.000 in the major and minor. Also, the student must pass the exam in the field. The student must pass the exam in the field.
Field Requirements.

THE COURSES (ECO)

General	ECO 5301, 5337, 5340, 5341, 5350, 5353, 5355, 5357, 5359, 5360, 5361, 5362, 5365, 5370, 5375, 5380, 5385, 5390, 6352
Electives	ECO 6371, 6381, 6382, 6384, 6385, 6386, 6387, 6390, 6394, 6395, 6396, 7302
Advanced Electives	ECO 7305, 7306
International Electives	ECO 6330, 6331, 6333, 6339, 7332, 7333
International Development Electives	ECO 6337, 7334
Human Resources	ECO 7321, 7322
Emerging Markets	ECO 6372, 6374, 6375, 7075, 7275, 7377, 7378
Management Electives	ECO 6320, 7361, 7362
International Organization	ECO 7341, 7342
Public Finance	ECO 7351, 7352
Independent Studies and Work	ECO 6101, 6398, 7004, 7101, 7201, 7301, 7304, 8000, 8100, 8101, 8398, 8399, 8698, 8699, 8998, 8999

ECO 5101 (1). TOPICS. Topics vary. Prerequisites: C- or better in ECO 3301, 3302 and STAT 2301, 2331, and 2340.

ECO 5201 (2). TOPICS. Topics vary. Prerequisites: C- or better in ECO 3301, 3302 and STAT 2301, 2331, and 2340.

ECO 5301 (3). TOPICS. Topics vary. Prerequisites: C- or better in ECO 3301, 3302 and STAT 2301, 2331, and 2340.

ECO 5320 (3). HEALTH ECONOMICS. Analyze the economic impact of health care policies and how they have affected the health care industry in the United States. Prerequisite: C- or better in ECO 3301.

ECO 5340 (3). DECISION-MAKING UNDER UNCERTAINTY. Provides a basic understanding of decision-making under uncertainty. Prerequisites: C- or better in ECO 3301, 3302 and STAT 2301, 2331, and 2340.

ECO 5341 (3). STRATEGIC BEHAVIOR. Discusses the basic concepts of game theory and its applications. The topics are fixed by the instructor. Prerequisites: C- or better in ECO 3301 and STAT 2301, 2331, and 2340.

ECO 5342 (3). EXPERIMENTAL AND BEHAVIORAL ECONOMICS. Studies the behavioral economics which help explain the economic behavior of individuals. Prerequisite: C- or better in ECO 3301. Recommended: ECO 5341, 5350.

ECO 5350 (3). INTRODUCTORY ECONOMETRICS. The basic concepts and applications of regression analysis. Prerequisites: C- or better in MATH 1309 and 1337; ECO 3301; and ITOM 2305 and STAT 2301, 2331, and 2340.

ECO 5353 (3). LAW AND ECONOMICS.

Prerequisites: Grade 6 - determine for ECO 3301 and STAT 2301, 2331, 4340.

ECO 5357 (3). ECONOMICS OF HUMAN RESOURCES. Examines the role of human resources in the economy, and the impact of education, health, and income on economic growth.

Prerequisites:

Grade 6 - determine for ECO 3301 and STAT 2301, 2331, 4340.
ECO 4351 is needed.

ECO 5359 (3). ECONOMIC DEVELOPMENT: MICROECONOMIC PERSPECTIVES. A

describe the impact of the exchange rate on the balance of payments and the role of the central bank in maintaining external equilibrium. Prerequisite: 3.000 GPA in economics.

ECO 6320 (3). APPLIED MONETARY THEORY AND POLICY. Covers the balance of payments, the money market, and the role of the Federal Reserve in monetary policy. Prerequisite: ECO 6330 and 6332.

ECO 6330 (3). INTERNATIONAL ECONOMIC AND FINANCIAL ENVIRONMENT. Topics include foreign exchange markets, balance of payments, international trade, and international finance. Prerequisite: ECO 6330 and 6332.

ECO 6331 (3). INTERNATIONAL TRADE. Studies the effects of trade on the domestic economy and the role of international trade organizations. Prerequisite: ECO 6330 and 6332.

ECO 6333 (3). TRADE POLICY AND THE WORLD TRADING SYSTEM. Studies the role of trade agreements, the World Trade Organization (WTO), and the impact of trade on the world economy. Prerequisite: ECO 6330 and 6332.

ECO 6337 (3). EMERGING MARKETS. Analyzes the economic and financial conditions of emerging markets and the role of international organizations such as the World Bank and the International Monetary Fund (IMF). Prerequisite: ECO 6330 and 6332.

- ECO 6383 (3). NEW APPROACHES TO MANAGERIAL ECONOMICS. Prerequisite: ECO 6384.
- ECO 6384 (3). MICROECONOMIC THEORY I. Basic microeconomic theory and analysis. Prerequisite: ECO 6384.
- ECO 6385 (3). MICROECONOMIC THEORY II. Intermediate microeconomic theory. Prerequisite: ECO 6384.
- ECO 6386 (3). MICROECONOMIC THEORY III. The theory of the firm and the market. Prerequisite: ECO 6384, 6385.
- ECO 6387 (3). MICROECONOMIC THEORY IV. A survey of modern microeconomic theory. Prerequisite: ECO 6386.
- ECO 6390 (3). REGIONAL ECONOMICS. An introduction to regional economic theory and analysis. Prerequisite: ECO 6384.
- ECO 6394 (3). MACROECONOMIC THEORY I. Basic macroeconomic theory and analysis. Prerequisite: ECO 6384.
- ECO 6395 (3). MACROECONOMIC THEORY II.

ECO 7334 (3). DEVELOPMENT ECONOMICS. A part of the development economics course is devoted to the study of the role of the state in the development process.

ECO 7341 (3). MARKET STRUCTURE. The study of the relationship between market structure and performance.

ECO 7342 (3). IMPERFECT MARKETS. The study of imperfect markets.

ENGLISH

Professor David Car

Department Chair

Professors: Tracy David Car, Thomas Dierker

Ez Green, David Hays, R. M. Jan, Neel W. Spiegel

Stevn Weisberger

Associate Professors: Ageh Ads, Richard B.

Greg Bulez, Michael H. Har, Daniel M. Beh, Neel W. Spiegel

dab, Nim Schatz, Lisa

Singam Raj, and Dan B. Wheeler

Assistant

Professors: Tracy, Cassidy, James Sae-Sae, Maha Saz

Professors

of Practice: Jan, Abery, Car, Dierker, Patricia, P. Ageh, W.

Senior

Lecturers: Diana, G. B. C. M. C. Michael, J. C. A. V. H. P.

Lecturers: Stephen, Ash, Mat

er, Park, Lage, Bre, Ley, T. S.

Haw, Pal, Neel, K. B. P. O. M. Seary, Sar, R. S. H. Li, An

Sepe, Vik, T. G.

DOCTOR OF PHILOSOPHY IN ENGLISH

Admission Requirements

Apply for the Ph.D. program

at the Graduate School

with a minimum GPA of 3.0 and a GRE score of 300.

The GRE score should be in the 700-800 range.

For graduate study here, you should have a minimum

of 3.0 in your undergraduate work.

Apply to the English Department for admission to

the Ph.D. program.

For more information, contact

Degree Requirements

The Ph.D. in English requires 36 credit hours of

graduate work, including the following:

Advanced Literary Studies English 6311 Survey of

English Literature

English 6312 Teaching Practice in the English Classroom

English 6313 Research Methods in English Studies

English 6314 Graduate Seminar in English Studies

English 6315 Graduate Seminar in English Studies

English 6316 Graduate Seminar in English Studies

English 6317 Graduate Seminar in English Studies

English 6318 Graduate Seminar in English Studies

English 6319 Graduate Seminar in English Studies

English 6320 Graduate Seminar in English Studies

English 6321 Graduate Seminar in English Studies

English 6322 Graduate Seminar in English Studies

English 6323 Graduate Seminar in English Studies

English 6324 Graduate Seminar in English Studies

English 6325 Graduate Seminar in English Studies

English 6326 Graduate Seminar in English Studies

English 6327 Graduate Seminar in English Studies

English 6328 Graduate Seminar in English Studies

ENGL 6373 (3). HISPANIC-AMERICAN LITERATURE. Studies in Latin American literature and culture.

ENGL 6375 (3). SEX, GENDER, AND LITERATURE. Studies in the critical analysis of gender and sexuality in literature.

ENGL 6380 (3). HISTORY OF PRINT CULTURE. A historical survey of the development of the printed word in America.

ENGL 6391 (3). POETRY WRITING WORKSHOP. Graduate-level workshop in poetry writing.

ENGL 6392 (3). FICTION WRITING WORKSHOP. Graduate-level workshop in fiction writing.

ENGL 6394 (3). GRADUATE INDEPENDENT STUDY IN POETRY WRITING. Independent study in poetry writing.

ENGL 6395 (3). GRADUATE INDEPENDENT STUDY IN POETRY WRITING. Independent study in poetry writing.

ENGL 6396 (3). GRADUATE INDEPENDENT STUDY IN FICTION WRITING. Independent study in fiction writing.

ENGL 6397 (3). GRADUATE INDEPENDENT STUDY IN FICTION WRITING. Independent study in fiction writing.

ENGL 6398 (3). THESIS. Research in the M.A. thesis program.

ENGL 6399 (3). THESIS. Research in the M.A. thesis program.

ENGL 7311 (3). SEMINAR IN LITERARY THEORY. Advanced study in literary theory.

HISTORY

State and 30 credits in the 5000-6000 level
6000-level course in the program in the
area of the 3000-level general education
requirements. The 30 credits are listed below.

- 1.

high, he took the TOEFL English test
so 80 higher than a score of 100
he had failed Three times

ecologically sound and ethical. These are followed by
three courses that are foundational in the field of
Teaching and Learning in the 21st Century
and general education.

Ph.D. Research Paper Requirement. Students must
prepare a research paper based on a topic in the
field of Teaching and Learning in the 21st Century.

Qualifying Examination. An examination in the
field of Teaching and Learning in the 21st Century
must be taken before the dissertation is defended.

Teaching Practicum. (credit) HIST 7000, a
course that provides students with hands-on
teaching experience.

Dissertation. (three credits) Upon completion of
the dissertation, students must defend their work
before a committee of faculty members.

Teacher Preparation. Learning the art and science
of teaching is a complex process that requires
both theoretical and practical knowledge.

Ph.D. program. The certificate program in
Teaching and Learning in the 21st Century
is a two-year program that leads to a
Ph.D. degree. The program is designed to
prepare students for careers in teaching
and learning in the 21st century. The
program is offered by SMU's Center
for Teaching Excellence. For more information,
please contact the program coordinator.

THE COURSES (HIST)

HIST 5364 (3). THE CITY OF GOD IN ITS MILIEU. A study of St. Augustine's City of God, its development, and its influence on the Western world. Includes a study of the Hebrew Bible.

HIST 5367 (3). RUSSIA FROM THE KIEVAN ERA TO 1881. A study of the development of the Russian state from the Kievan Rus' to the Russian Empire. Includes a study of the Great Reforms.

HIST 5370 (3). SEMINAR IN FRENCH HISTORY. A study of French history from the Middle Ages to the present. Includes a study of the French Revolution and Napoleon.

HIST 5371 (3). THE FRENCH REVOLUTION AND NAPOLEON, 1789-1815. The French Revolution and Napoleon: causes, course, and consequences. Includes a study of the French Revolution and Napoleon.

HIST 5374 (3). RECENT EUROPEAN HISTORY: 1918 TO THE PRESENT. A study of the history of Europe from 1918 to the present. Includes a study of the First World War, the interwar period, and the Second World War.

HIST 5375 (3). EUROPE IN THE AGE OF LOUIS XIV. The reign of Louis XIV: the Sun King. Includes a study of the reign of Louis XIV, the Sun King, and the Treaty of Utrecht.

HIST 5376 (3). EUROPE AGE OF ENLIGHTENMENT, 1715-1789. A study of the Age of Enlightenment in Europe. Includes a study of the Age of Enlightenment, the French Revolution, and the French Revolution.

HIST 5377 (3). THE UNITED STATES AND THE COLD WAR. History of the U.S. and the Cold War. Includes a study of the U.S. and the Cold War.

HIST 5380 (3). AUGUSTUS AND THE ROMAN EMPIRE. A study of Augustus and the Roman Empire. Includes a study of Augustus and the Roman Empire.

HIST 6304 (3). MODERN AMERICA, 1929–PRESENT. A reading course in the history of the Great Depression and the New Deal.

HIST 6305 (3). COLLOQUIUM: THE HISPANIC SOUTHWEST. This reading course deals with the history of the Southwest from the Spanish-Mexican period to the present.

HIST 6308 (3). SEMINAR IN AMERICAN HISTORY. A reading course in American history.

HIST 6309 (3). SEMINAR IN NORTH AMERICAN BORDERLANDS. Study of the history of the borderlands between the United States and Mexico.

HIST 6310 (3). SEMINAR ON THE AMERICAN WEST. Includes the history of the American West and its development.

HIST 6312 (3). SEMINAR ON NATIVE AMERICAN HISTORY. Includes the history of Native Americans in the United States.

HIST 6315 (3). GLOBAL/COMPARATIVE HISTORY. A reading course in research and analysis by region.

HIST 6316 (3). COMPARISONS OF WORLD-HISTORICAL BORDERLANDS. A comparative study of borderlands in history.

HIST 6317 (3). FRONTIERS OF SPANISH HISTORY, 218 B.C.—A.D. 1492. Includes the social history of the frontier in Spain and the New World.

HIST 6321 (3). SEMINAR: GLOBAL/COMPARATIVE HISTORY. A reading course in global comparative history.

HIST 6322 (3). READINGS IN HISTORY. Directed reading of specific problems in history.

HIST 6323 (3). READINGS IN HISTORY. Directed reading of specific problems in history.

HIST 6325 (3). READINGS: NEW SPAIN AND MEXICO. A reading course in the history of New Spain and Mexico.

HIST 6353 (3). PROBLEMS IN THE HISTORY OF SPAIN AND PORTUGAL. Scial chj
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HIST 6354 (3). PROBLEMS IN THE HISTORY OF SPAIN AND PORTUGAL. Scial chj
and palherchactis the Iber in Pe in Rm the pst OBL8(q)92n6

The Courses (MSDS)

MSDS 6110 (1). IMMERSION. ~~Amipere SMU Dahsapa (p~~
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MSDS 6306 (3). INTRODUCTION TO DATA SCIENCE. ~~Anditahdsen~~
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MSDS 6370 (3). STATISTICAL SAMPLING.

MASTER OF ARTS IN MEDIEVAL STUDIES

Associate Professor Bill Wheeler Director

The Courses

Dedman College Courses

ENGL 6320 ~~Medical Literature (elective)~~ ~~Psychology (1500)~~
 ENGL 6321, 6322 ~~Reading in Medieval Literature~~
 FREN 5320 ~~Literary Periods (elective)~~
 FREN 5370 ~~Seminar French Literature (elective)~~
 HIST 5364 ~~Ch. of Gd. Upper Christian Tradition~~
 HIST 5370 ~~Seminar French History France I (Public 461)~~
 HIST 5378 ~~Medieval Resources~~
 HIST 6349, 6350 ~~Ph.D. in Medieval History~~
 HIST 6352 ~~Ph.D. in Medieval Spanish History~~
 HIST 6385 ~~Ph.D. in British History (elective)~~
 MDVL 5301, 5302, 5398, 5399 ~~Independent Studies~~
 MDVL 6398, 6399 ~~Thesis~~
 SPAN 5310 ~~Spanish Literature Before 1700~~

Meadows School of the Arts Courses

ARHS 5320 ~~Seminar Medieval Art (PTBA)~~
 ARHS 5322 ~~Seminar Carols~~
 ARHS 6320 ~~Medieval Art and Architecture~~
 ARHS 6324 ~~Art and Church Medieval Spain~~
 ARHS 6322 ~~Italian Art and Architecture~~
 ARHS 6323 ~~Renaissance Art and Architecture~~
 ARHS 6324 ~~Art and Church Medieval Spain~~
 ARHS 6325 ~~The Gothic Cathedral~~
 ARHS 6328 ~~Byzantine Art and Architecture~~
 ARHS 6399 ~~The Jews - Christian Dialogue and Texts~~
 MUHI 6309 ~~Seminar Medieval and Renaissance Music Systems~~
 MUHI 6331 ~~History of the Middle Ages~~
 MUHI 6362 ~~Anglo-Saxon Music~~
 MUHI 6392 ~~Directed Studies in Medieval History The Middle Ages~~

Perkins School of Theology Courses

HX 7342 ~~Painted Study~~
 HX 8308 ~~Values of Medieval Theology~~
 HX 8321 ~~History of Christian Doctrine~~
 HX 8357 ~~Medieval Music~~
 HX 8359 ~~Art and Devotion Medieval Spain~~
 HX 8387 ~~Reading in Spanish Music~~

Medieval Studies Courses (MDVL)

MDVL 5301 (3). INDEPENDENT STUDIES. Research and critical analysis of medieval literature, art, and culture.
 MDVL 5302 (3). INDEPENDENT STUDIES. Research and critical analysis of medieval literature, art, and culture.
 MDVL 5398 (3). INDEPENDENT STUDIES. Research and critical analysis of medieval literature, art, and culture.
 MDVL 5399 (3). INDEPENDENT STUDIES. Research and critical analysis of medieval literature, art, and culture.

MDVL 6049 (0). GRADUATE FULL-TIME STATUS. A ~~credit~~ ~~dep~~

MATHEMATICS

Professor ~~Alj and~~ ~~Access~~

Department Chair

Professors:

THE COURSES (MATH)

MATH 5331 (3). FUNCTIONS OF A COMPLEX VARIABLE. Complex functions, conformal mappings, Cauchy's Theorem, Laurent series and residues, applications. Prerequisite: C- higher in MATH 3337.

MATH 5334 (3). INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS. Elementary partial differential equations, heat conduction, wave motion, Laplace's equation, separation of variables, Fourier series, Sturm-Liouville problems, Bessel functions. Prerequisite: C- higher in MATH 3337.

MATH 5353 (3). LINEAR ALGEBRA. Spectral theory, Hermitian forms, Jordan form, bilinear and quadratic forms, applications in geometry and physics. Prerequisite: C- better in MATH 3353.

MATH 6110 (1). MATHEMATICS RESEARCH. Independent research project in the field of mathematics.

MATH 6210 (2). MATHEMATICS RESEARCH. Independent research project in the field of mathematics.

MATH 6310 (3). MATHEMATICS RESEARCH. Independent research project in the field of mathematics.

MATH 6311 (3). PERTURBATION METHODS. Singular perturbation problems, asymptotic expansions, boundary layer theory, the WKBJ method. Prerequisite: MATH 2343. Recommended: MATH 5334.

MATH 6312 (3). ADVANCED ASYMPTOTIC AND PERTURBATION METHODS. Topics include the method of steepest descent, the method of matched asymptotic expansions, the method of multiple scales, the method of averaging, the method of homogenization, the method of asymptotic expansion of integrals, the method of asymptotic expansion of series, the method of asymptotic expansion of products, the method of asymptotic expansion of determinants, the method of asymptotic expansion of traces, the method of asymptotic expansion of eigenvalues, the method of asymptotic expansion of eigenfunctions, the method of asymptotic expansion of eigenvalues and eigenfunctions, the method of asymptotic expansion of eigenvalues and eigenfunctions, the method of asymptotic expansion of eigenvalues and eigenfunctions. Prerequisites: MATH 5334, 6311.

MATH 6313 (3). ASYMPTOTIC EXPANSIONS AND INTEGRAL TRANSFORMS. Fourier integral, Laplace transform, asymptotic expansion of integrals, asymptotic expansion of series, asymptotic expansion of products, asymptotic expansion of determinants, asymptotic expansion of traces, asymptotic expansion of eigenvalues, asymptotic expansion of eigenfunctions, asymptotic expansion of eigenvalues and eigenfunctions. Prerequisite: MATH 5331.

MATH 6315 (3). NUMERICAL METHODS I. (C) -5.36(6) 1aJ20.98(3) 1y -5.36(6) (d)-11

MATH 2343, 5315.

MATLAB.

Prerequisites:

MATH 6324 (3). INTRODUCTION TO DYNAMICAL SYSTEMS. Nonlinear differential

equations, bifurcation theory, and chaos.

Prerequisites: MATH 2343, 3353.

MATH 6325 (3). DYNAMICAL SYSTEMS AND CHAOS. Nonlinear differential

equations, bifurcation theory, and chaos.

Prerequisite: MATH 5325.

MATH 6333 (3). PARTIAL DIFFERENTIAL EQUATIONS. Methods of separation of variables, Laplace transforms, and Fourier series.

Prerequisite: MATH 5334.

MATH 6336 (3). FLUID DYNAMICS. Principles of fluid mechanics, including the Navier-Stokes equations.

Prerequisite: MATH 5334.

MATH 6336 (3). FLUID DYNAMICS. Principles of fluid mechanics, including the Navier-Stokes equations.

Prerequisite: MATH 5334.

MATH 6336 (3). FLUID DYNAMICS. Principles of fluid mechanics, including the Navier-Stokes equations.

Prerequisite: MATH 5334.

Prerequisite: MATH 5334.

partial differential equations

based on pre-recorded ODEs

Prerequisites: MATH 5334, 6324.

MATH 6360 (3). COMPUTATIONAL ELECTROMAGNETICS. Neutral subject

applied to spectral analysis

is neutral subject

he and finite

differences in electro

days and fall

periods

Prerequisites: EE 7330 MATH 5334 and programming

(e.g., FORTRAN) in the lab

MATH 6361 (3). FUNDAMENTALS OF MULTIPHASE FLOWS IN POROUS MEDIA. Fluid

transport in porous media

basic principles

media. It is

course

and ergodic Darcy law

Prerequisite: MATH 5334.

MA 6362 (3). NUMERICAL RESERVOIR SIMULATION. Neutral subject

transport in porous media

is, transport, basic principles

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PHYSICS

Associate Professor ~~Thad~~ W. Car

Department Chair

Professors: ~~Thad~~ Car, ~~Rob~~ Kehe, ~~Fred~~ Oleson, ~~Paul~~ Spigo
Ye.

PHYS 5395 (3). INTRODUCTION TO ELEMENTARY PARTICLES. Modern concepts in high energy physics. Feynman diagrams and group theory. Prerequisite: PHYS 5383.

PHYS 5398 (3). APPLICATIONS OF QUANTUM MECHANICS. The harmonic oscillator, the hydrogen atom, and scattering. Prerequisite: PHYS 5382 or 5383.

PHYS 6049 (0). GRADUATE FULL-TIME STATUS. Graduate fellows.

PHYS 6321 (3). CLASSICAL MECHANICS. Topics include Lagrangian and Hamiltonian mechanics, rigid bodies, and celestial mechanics. Prerequisite: PHYS 5382 or 5383.

PHYS 6335 (3). QUANTUM MECHANICS. Fundamentals of quantum mechanics. Prerequisite: PHYS 5382 or 5383.

PHYS 6336 (3). QUANTUM MECHANICS. Fundamentals of quantum mechanics. Prerequisite: PHYS 5382 or 5383.

PHYS 6338 (3). CONDENSED MATTER PHYSICS. Properties of solids. Prerequisite: PHYS 5337 or 5338.

PHYS 6341 (3). NUCLEAR PHYSICS. General properties of nuclei, nuclear decay, nuclear reactions, and nuclear energy. Prerequisite: PHYS 6335 or 6336.

PHYS 6351 (3). STATISTICAL MECHANICS. Derivation of thermodynamic relations. Prerequisite: PHYS 3374 or 3375.

PHYS 6361 (3). SELECTED TOPICS. Selected topics in physics.

PHYS 6398 (3). THESIS. Research and writing in physics.

PHYS 6399 (3). THESIS. Research and writing in physics.

PHYS 7170 (1). CURRENT TOPICS IN PHYSICS. Seminars in physics.

PHYS 7305 (3). METHODS OF THEORETICAL PHYSICS. Mathematical methods in physics. Prerequisites: W101 and 7301.

PHYS 7311 (3). ELECTROMAGNETIC THEORY. Radiation and wave phenomena. Prerequisite: PHYS 7305.

4. Review Article (Third Research Benchmark)

The first article in this series is a review article by Bem (1975), Psychological Bulletin, 118, 172-177 (Wiley-Interscience). The second article is a review article by Bem (1995), Psychological Bulletin, 118, 193-198 (Wiley-Interscience). The third article is a review article by Bem (1995), Psychological Bulletin, 118, 193-198 (Wiley-Interscience).

5. Dissertation (Fourth Research Benchmark)

The first article in this series is a review article by Bem (1975), Psychological Bulletin, 118, 172-177 (Wiley-Interscience). The second article is a review article by Bem (1995), Psychological Bulletin, 118, 193-198 (Wiley-Interscience). The third article is a review article by Bem (1995), Psychological Bulletin, 118, 193-198 (Wiley-Interscience).

Required Courses. The first (45 hours) are:

PSYC 6091–6098 Integrated Practicum

PSYC 6305, 6307 Quant Methods, II

PSYC 6311 Organizational Psychology (3) ~~PSYC 6312 (3) PSYC 6313 (3) PSYC 6314 (3) PSYC 6315 (3) PSYC 6316 (3) PSYC 6317 (3) PSYC 6318 (3) PSYC 6319 (3) PSYC 6320 (3) PSYC 6321 (3) PSYC 6322 (3) PSYC 6323 (3) PSYC 6324 (3) PSYC 6325 (3) PSYC 6326 (3) PSYC 6327 (3) PSYC 6328 (3) PSYC 6329 (3) PSYC 6330 (3) PSYC 6331 (3) PSYC 6332 (3) PSYC 6333 (3) PSYC 6334 (3) PSYC 6335 (3) PSYC 6336 (3) PSYC 6337 (3) PSYC 6338 (3) PSYC 6339 (3) PSYC 6340 (3) PSYC 6341 (3) PSYC 6342 (3) PSYC 6343 (3) PSYC 6344 (3) PSYC 6345 (3) PSYC 6346 (3) PSYC 6347 (3) PSYC 6348 (3) PSYC 6349 (3) PSYC 6350 (3) PSYC 6351 (3) PSYC 6352 (3) PSYC 6353 (3) PSYC 6354 (3) PSYC 6355 (3) PSYC 6356 (3) PSYC 6357 (3) PSYC 6358 (3) PSYC 6359 (3) PSYC 6360 (3) PSYC 6361 (3) PSYC 6362 (3) PSYC 6363 (3) PSYC 6364 (3) PSYC 6365 (3) PSYC 6366 (3) PSYC 6367 (3) PSYC 6368 (3) PSYC 6369 (3) PSYC 6370 (3) PSYC 6371 (3) PSYC 6372 (3) PSYC 6373 (3) PSYC 6374 (3) PSYC 6375 (3) PSYC 6376 (3) PSYC 6377 (3) PSYC 6378 (3) PSYC 6379 (3) PSYC 6380 (3) PSYC 6381 (3) PSYC 6382 (3) PSYC 6383 (3) PSYC 6384 (3) PSYC 6385 (3) PSYC 6386 (3) PSYC 6387 (3) PSYC 6388 (3) PSYC 6389 (3) PSYC 6390 (3) PSYC 6391 (3) PSYC 6392 (3) PSYC 6393 (3) PSYC 6394 (3) PSYC 6395 (3) PSYC 6396 (3) PSYC 6397 (3) PSYC 6398 (3) PSYC 6399 (3) PSYC 6400 (3)~~

PSYC 6094 (0). INTEGRATED PRACTICUM SEMINAR. Student in off-campus
 research or teaching assistant position. Ph.D. program
 required.

PSYC 6095 (0). INTEGRATED PRACTICUM SEMINAR. Student in off-campus
 research or teaching assistant position. Ph.D. program
 required.

PSYC 6096 (0). INTEGRATED PRACTICUM SEMINAR. Student in off-campus
 research or teaching assistant position. Ph.D. program
 required.

PSYC 6097 (0). INTEGRATED PRACTICUM SEMINAR. Student in off-campus
 research or teaching assistant position. Ph.D. program
 required.

PSYC 6098 (0). INTEGRATED PRACTICUM SEMINAR. Student in off-campus
 research or teaching assistant position. Ph.D. program
 required.

PSYC 6305 (3). QUANTITATIVE METHODS I. Theoretical basis of
 research design and data analysis. Prerequisite: PSYC 6000
 or equivalent.

PSYC 6307 (3). QUANTITATIVE METHODS II. Theoretical basis of
 research design and data analysis. Prerequisite: PSYC 6305
 or equivalent.

Prerequisite: PSYC 6000 or equivalent.

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PSYC 6330 (3). SEMINAR IN PSYCHOPHARMACOLOGY. Itce p h d g a d
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PSYC 6331 (3). PSYCHOTHERAPY PRACTICUM I. Chind didact/lecti an h m p
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PSYC 6332 (3). PSYCHOTHERAPY PRACTICUM II. Chit h e s c r i t e f i n a
chind didact/lecti an h m p a c t u p i e f o s e d - y a r g a d a t
desE p a i p c e d a s e t o

RELIGIOUS STUDIES

Professor Catherine E. Johnson

Department Chair

Professors: William D. Inge, Malcolm Charles

John E. Sege, Fred

Associate Professors: Richard C. G. Johnson, J. DeTenn, Kat C. Engel, John

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THE COURSES

Perkins School of Theology Courses

Course descriptions can be found in the Perkins School of Theology catalog.

BB 8345 Script and Christian Ethics

GR 7301 Greek Exegesis

HB 7302 Hebrew Exegesis

HR 8331 Westminster Register

HR 8341

OT 8351 Major Missions of the Church
ST 8311 Church History
ST 8318 The Pentecost of the Holy Spirit
ST

- RELI 7306 (3). PHILOSOPHY OF RELIGION VII. Special by religion
- RELI 7307 (3). PHILOSOPHY OF RELIGION VIII. Special by religion
- RELI 7308 (3). PHILOSOPHY OF RELIGION IX. Special by religion
- RELI 7309 (3). PHILOSOPHY OF RELIGION X. Special by religion
- RELI 7310 (3). PHILOSOPHICAL THEOLOGY I. Special by religion
- RELI 7311 (3). PHILOSOPHICAL THEOLOGY II.

RELI 7353 (3). SYSTEMATIC THEOLOGY IV. ~~Specialty~~ ~~by~~

RELI 7354 (3). SYSTEMATIC THEOLOGY V. ~~Specialty~~ ~~by~~

RELI 7355 (3). SYSTEMATIC THEOLOGY VI. ~~Specialty~~ ~~by~~

RELI 7356 (3). SYSTEMATIC THEOLOGY VII. ~~Specialty~~ ~~by~~

RELI 7357 (3). SYSTEMATIC THEOLOGY VIII. ~~Specialty~~ ~~by~~

RELI 7358 (3). SYSTEMATIC THEOLOGY IX. ~~Specialty~~ ~~by~~

RELI 7359 (3). SYSTEMATIC THEOLOGY X. ~~Specialty~~ ~~by~~

RELI 7360 (3). SYSTEMATIC THEOLOGY XI. ~~Specialty~~ ~~by~~

RELI 7361 (3). SYSTEMATIC THEOLOGY XII. ~~Specialty~~ ~~by~~

RELI 7362 (3). SYSTEMATIC THEOLOGY XIII. ~~Specialty~~ ~~by~~

RELI 7363 (3). SYSTEMATIC THEOLOGY XIV. ~~Specialty~~ ~~by~~

RELI 7364 (3). SYSTEMATIC THEOLOGY XV. ~~Specialty~~ ~~by~~

RELI 7365 (3). RELIGIOUS ETHICS I. ~~Specialty~~ ~~by~~

RELI 7366 (3). RELIGIOUS ETHICS II. ~~Specialty~~ ~~by~~

RELI 7367 (3). RELIGIOUS ETHICS III. ~~Specialty~~ ~~by~~

RELI 7368 (3). RELIGIOUS ETHICS IV. ~~Specialty~~ ~~by~~

RELI 7369 (3). RELIGIOUS ETHICS V. ~~Specialty~~ ~~by~~

RELI 7370 (3). RELIGIOUS ETHICS VI. ~~Specialty~~ ~~by~~

RELI 7371 (3). RELIGIOUS ETHICS VII. ~~Specialty~~ ~~by~~

RELI 7372 (3). RELIGIOUS ETHICS VIII. ~~Specialty~~ ~~by~~

RELI 7373 (3). RELIGIOUS ETHICS IX. ~~Specialty~~ ~~by~~

RELI 7374 (3). RELIGIOUS ETHICS X. ~~Specialty~~ ~~by~~

RELI 7375 (3). RELIGIOUS ETHICS XI. ~~Specialty~~ ~~by~~

RELI 7376 (3). RELIGIOUS ETHICS XII. ~~Specialty~~ ~~by~~

RELI 7377 (3). RELIGIOUS ETHICS XIII. ~~Specialty~~ ~~by~~

RELI 7378 (3). RELIGIOUS ETHICS XIV. ~~Specialty~~ ~~by~~

RELI 7379 (3). RELIGIOUS ETHICS XV. ~~Specialty~~ ~~by~~

RELI 7380 (3). OLD TESTAMENT I. ~~Specialty~~ ~~by~~

RELI 7381 (3). OLD TESTAMENT II. ~~Specialty~~ ~~by~~

RELI 7382 (3). OLD TESTAMENT III. ~~Specialty~~ ~~by~~

RELI 7383 (3). OLD TESTAMENT IV. ~~Specialty~~ ~~by~~

RELI 7384 (3). OLD TESTAMENT V. ~~Specialty~~ ~~by~~

RELI 7385 (3). OLD TESTAMENT VI. ~~Specialty~~ ~~by~~

RELI 7386 (3). OLD TESTAMENT VII. ~~Specialty~~ ~~by~~

RELI 7387 (3). OLD TESTAMENT VIII. ~~Specialty~~ ~~by~~

RELI 7388 (3). OLD TESTAMENT IX. ~~Specialty~~ ~~by~~

RELI 7389 (3). OLD TESTAMENT X. ~~Specialty~~ ~~by~~

RELI 7390 (3). NEW TESTAMENT I. ~~Specialty~~ ~~by~~

RELI 7391 (3). NEW TESTAMENT II. ~~Specialty~~ ~~by~~

RELI 7392 (3). NEW TESTAMENT III. ~~Specialty~~ ~~by~~

RELI 7393 (3). NEW TESTAMENT IV. ~~Specialty~~ ~~by~~

RELI 7394 (3). NEW TESTAMENT V. ~~Specialty~~ ~~by~~

RELI 7395 (3). NEW TESTAMENT VI. ~~Specialty~~ ~~by~~

RELI 7396 (3). NEW TESTAMENT VII. ~~Specialty~~ ~~by~~

RELI 7397 (3). NEW TESTAMENT VIII. ~~Specialty~~ ~~by~~

RELI 7398 (3). NEW TESTAMENT IX. ~~Specialty~~ ~~by~~

RELI 7399 (3). NEW TESTAMENT X. ~~Specialty~~ ~~by~~

RELI 8049 (0). GRADUATE FULL-TIME STATUS. Indicates that the student is a full-time graduate student.

RELI 8100 (1). RESEARCH. Distinction in research.

RELI 8105 (1). RESEARCH.

RELI 8300 (3). STUDIES ON THE HISTORY OF DOCTRINE. A study examining the basic doctrinal positions of the early church fathers, including the Apostles, the Councils, and the early church fathers. Includes the history of the doctrine of the Trinity, the Incarnation, and the Atonement. Includes the history of the doctrine of the Holy Spirit, the Church, and the Kingdom of God. Includes the history of the doctrine of the Last Things.

RELI 8301 (3). STUDIES ON THE HISTORY OF DOCTRINE. A study examining the basic doctrinal positions of the early church fathers, including the Apostles, the Councils, and the early church fathers. Includes the history of the doctrine of the Trinity, the Incarnation, and the Atonement. Includes the history of the doctrine of the Holy Spirit, the Church, and the Kingdom of God. Includes the history of the doctrine of the Last Things.

RELI 8320 (3). ADVANCED SYSTEMATIC THEOLOGY. An advanced systematic theology course covering the major branches of systematic theology, including the doctrine of God, the doctrine of Christ, the doctrine of the Holy Spirit, the doctrine of the Church, and the doctrine of the Kingdom of God.

RELI 8321 (3). ADVANCED SYSTEMATIC THEOLOGY. An advanced systematic theology course covering the major branches of systematic theology, including the doctrine of God, the doctrine of Christ, the doctrine of the Holy Spirit, the doctrine of the Church, and the doctrine of the Kingdom of God.

RELI 8340 (3). PENTATEUCH. Introduction to the study of the Pentateuch, including the historical and literary background, the structure and content, and the theological themes. Includes the study of the Pentateuch in its original Hebrew and in English translation.

RELI 8341 (3). PENTATEUCH. Introduction to the study of the Pentateuch, including the historical and literary background, the structure and content, and the theological themes. Includes the study of the Pentateuch in its original Hebrew and in English translation.

RELI 8342 (3). THE PROPHETS. Introduction to the study of the prophetic books of the Old Testament, including the historical and literary background, the structure and content, and the theological themes. Includes the study of the prophets in their original Hebrew and in English translation.

RELI 8350 (3). SEMINAR ON THE NEW TESTAMENT. A seminar course in the New Testament, including the historical and literary background, the structure and content, and the theological themes. Includes the study of the New Testament in its original Greek and in English translation.

RELI 8351 (3). SEMINAR ON THE NEW TESTAMENT. A seminar course in the New Testament, including the historical and literary background, the structure and content, and the theological themes. Includes the study of the New Testament in its original Greek and in English translation.

RELI 8352 (3). NEW TESTAMENT GOSPELS. Introduction to the study of the four Gospels of the New Testament, including the historical and literary background, the structure and content, and the theological themes. Includes the study of the Gospels in their original Greek and in English translation.

RELI 8352 (3) NEW TESTAMENT GOSPELS. Introduction to the study of the four Gospels of the New Testament, including the historical and literary background, the structure and content, and the theological themes. Includes the study of the Gospels in their original Greek and in English translation. (0 TD-.0013-.0-3.8(8)(TJ/TT Tc-.0938 T2B-.0-3.85S1(g) and 3.2b3)

STATISTICAL SCIENCE

Professor Wang W. Daniel,

Department Chair

Professors: Ronald B. Berkey, Richard G. Casella,

John H. J. van der Vaart, Li Peng,

Shouwu Wang, Wang W. Daniel,

Associate Professors: Jiguo Cao, Jianhua

Min, McGee,

Assistant Professor: Cheng Peng,

Senior Lecturers: Ahn

El-Sherpieny, Robert

Lecturer: Bin Sander

The Department of Statistical Science offers the following degree p

grams: the Ph.D. in Statistics, the Ph.D. in Biostatistics and the M.S. in

Applied Statistics and Analytics. The course Ph.D. in Biostatistics

is a joint program with the

Department of Biostatistics

and is a joint program with the Department of Biostatistics

M.S. in ~~data analysis~~ ~~in~~ ~~the~~ ~~B.S.~~
degree. The ~~title~~

STAT 5373.

Prerequisite:

STAT 5375 (3). ECONOMIC AND BUSINESS FORECASTING. This course covers the theory and practice of forecasting. Topics include time series analysis, regression, and econometric models. Prerequisites: STAT 2301, 2331, 4340; MATH 2305.

STAT 5377 (3). STATISTICAL DESIGN AND ANALYSIS OF EXPERIMENTS. This course covers the theory and practice of experimental design and analysis. Topics include factorial designs, randomized controlled trials, and regression analysis. Prerequisite: STAT 4340, 5371.

STAT 5380 (3). DATA MINING TECHNIQUES FOR ECONOMISTS. A course covering the theory and practice of data mining techniques for economists. Topics include regression analysis, classification, and clustering. Prerequisite: STAT 5371.

STAT 6342 (3). ADVANCED STATISTICAL QUALITY CONTROL. This course covers advanced statistical quality control techniques, including process control, acceptance sampling, and reliability analysis. Prerequisite: STAT 4340/CSE 4340, STAT 5340/CSE 5370, STAT 5371; corequisite: STAT 6327, 6336.

STAT 6345 (3). LINEAR REGRESSION. This course covers linear regression analysis, including least squares estimation, hypothesis testing, and confidence intervals. Prerequisites: STAT 6320, 6337.

STAT 6346 (3). ADVANCED REGRESSION ANALYSIS. This course covers advanced regression techniques, including generalized linear models, logistic regression, and survival analysis. Prerequisite: STAT 6345.

STAT 6347 (3). SPLINE APPROXIMATION IN STATISTICS.

STAT 6350 (3). ANALYSIS OF LIFETIME DATA. This course covers survival analysis techniques, including hazard functions, survival curves, and regression models for lifetime data. Prerequisite: STAT 6304, 6327, 6328, 6336, 6337, 6338.

STAT 6355 (3). APPLIED MULTIVARIATE ANALYSIS. This course covers multivariate statistical analysis techniques, including principal component analysis, discriminant analysis, and cluster analysis. Prerequisites: STAT 6337, 6320.

STAT 6358 (3). TOPICS IN BIOSTATISTICS. This course covers advanced topics in biostatistics, including epidemiology, clinical trials, and genetic epidemiology. Prerequisite: STAT 6337, 6320.

- STAT 6370 (3). STOCHASTIC PROCESS. Random Markov Processes. Prerequisite: Analysis (e.g., STAT 6370/CSE 6370, STAT 6376, 6379, EE 5306).
- STAT 6375 (3). SEQUENTIAL ANALYSIS. Statistical Inference. Prerequisite: STAT 6328.
- STAT 6376 (3). STOCHASTIC PROCESS. Random Markov Processes. Prerequisite: STAT 6327.
- STAT 6377 (3). MULTIVARIATE CATEGORICAL DATA. Statistical Data. Prerequisites: STAT 6328, 6337.
- STAT 6378 (3). MULTIVARIATE ANALYSIS. Theoretical and Applied. Prerequisites: STAT 6320, and 6328 or 6381.
- STAT 6379 (3). INTRODUCTION TO MARKOV PROCESSES. Background. Prerequisite: STAT 6327 or 6370/CSE 6370.
- STAT 6380 (3). MATHEMATICAL THEORY OF SAMPLING. Theoretical and Applied. Prerequisite: STAT 6328.
- STAT 6381 (3). THEORY OF LINEAR MODELS I. Theoretical and Applied. Prerequisites: STAT 6328, 6337, and 6320.
- STAT 6382 (3). THEORY OF LINEAR MODELS II. Variance-Covariance. Prerequisite: STAT 6381.
- STAT 6385 (3). SURVEY OF NONPARAMETRIC STATISTICS. Topics in Statistics.

STAT 7011 (0). SUPERVISED INTERNSHIP. Spise epiere inis alch
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STAT 7013 (0). SUPERVISED INTERNSHIP. Spise epiere inis alch
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STAT 7110 (1). SUPERVISED INTERNSHIP. Spise epiere inis alch
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STAT 7111 (1). SEMINAR IN STATISTICAL LITERATURE. Reppissal
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STAT 7112 (1). SEMINAR IN STATISTICAL LITERATURE. Reppissal
jmsbbjgipalpsat.

STAT 7300 (3). SEMINAR. Onlpsitibalsalbrta

STAT 7327 (3). ADVANCED STATISTICAL INFERENCE. Geonltsalferre; es
mipariereln esBayarimet.); tchpessman
hsad, ipret.). Prerequisite: STAT 6371.

STAT 7328 (3). ADVANCED STATISTICAL INFERENCE. Addlpsissal
ferre. Prerequisite: STAT 7327.

STAT 7362 (3). TOPICS IN STATISTICS. Lectandradgnt-fbe-ntal
isipregitst talhepndrds

STAT 7363 (3). TIME SERIES ANALYSIS II. Fadred gadat de hant b
de each ipclandndae a njarines Prerequisites: STAT
6363, 6376 ipitst

STAT 8049 (0). GRADUATE FULL-TIME STATUS. Elnisncefshate
deha flrgadate s deing academrig

STAT 8105 (1). RESEARCH.

STAT 8196 (1). DISSERTATION. Dnlsrch nls calhepndrdbg

STAT 8197 (1). DISSERTATION. Dnlsrch nls calhepndrdbg

STAT 8198 (1). DISSERTATION. Dnlsrch nls calhepndrdbg

STAT 8199 (1). DISSERTATION. Dnlsrch nls calhepndrdbg

STAT 8313 (3). RESEARCH IN STATISTICAL INFERENCE. Resrch nlsalhep
adndrdbg

STAT 8396 (3). DISSERTATION. Dnlsrch nls calhepndrdbg

STAT 8397 (3). DISSERTATION. Dnlsrch nls calhepndrdbg

STAT 8398 (3). DISSERTATION. Dnlsrch nls calhepndrdbg

STAT 8399cal theory and methodology.

FINANCIAL INFORMATION

TUITION, FEES AND LIVING EXPENSES

A copy of the Financial Information Bulletin, issued each academic year, is available for reference from SMU Finance and is also available in Chinese. The Bulletin can be accessed at [www.tcu.edu](#) (Financial Bulletin)

As a result of the University of the IV federal
deducted from the credit balance of the account. All the balance will be
paid directly to the student.

A student who is a member of the University
and financial aid office will be required to sign and
certify to the Office of the Registrar that the information
submitted will be used for financial aid purposes only.
The Director of the Registrar's Office will be
contacted if a student has delinquent tax or any
assessments on their account. (50 percent)
charges are assessed to the student's account.
The University agrees to the terms of the
Financial Aid Agreement.

Approved by the Financial Aid Office and the Registrar's
Office. The Director of the Registrar's Office will be
contacted if a student has delinquent tax or any
assessments on their account. (50 percent)
charges are assessed to the student's account.

The Registrar's Office will be required to sign and
certify to the Office of the Registrar that the information
submitted will be used for financial aid purposes only.
The Director of the Registrar's Office will be
contacted if a student has delinquent tax or any
assessments on their account. (50 percent)
charges are assessed to the student's account.

The Registrar's Office will be required to sign and
certify to the Office of the Registrar that the information
submitted will be used for financial aid purposes only.
The Director of the Registrar's Office will be
contacted if a student has delinquent tax or any
assessments on their account. (50 percent)
charges are assessed to the student's account.

REFUNDS FOR WITHDRAWAL FROM THE UNIVERSITY

Note: Refunds are not official until they are officially

PAYMENT PLAN OPTIONS
SMU Monthly Payment Plan

The SMU Tuition Payment Plan is managed by Higher Education
es the paid in the State of Texas
[www.smu.edu](#)

RESIDENCE ACCOMMODATIONS

The University of Regina offers a variety of housing options for students. The Department of Residence Life and Student Affairs is the central office for all residence-related matters. For more information, please contact the Residence Life and Student Affairs office at (306) 768-2407 or visit our website at www.uoregon.edu/residence. The Residence Life and Student Affairs office is located on the second floor of the Student Union Building. For more information, please contact the Residence Life and Student Affairs office at (306) 768-2407 or visit our website at www.uoregon.edu/residence. The Residence Life and Student Affairs office is located on the second floor of the Student Union Building. For more information, please contact the Residence Life and Student Affairs office at (306) 768-2407 or visit our website at www.uoregon.edu/residence.

Department of Residence Life and Student Affairs, Student Union Building
PO Box 50215, Davis, TX 75275-0215; phone 214-768-2407; fax 214-768-4005;
reslife@uoregon.edu.

HOUSING POLIO grHousing, Sout5ltk-4.9 (FG)5.R A9.5(ousingL

GRADUATE RESIDENCE ACCOMMODATIONS

The Department of Graduate Life and Studies presents

ACADEMIC RECORDS AND GENERAL AND ENROLLMENT STANDARDS

The standards are applicable to the University and
the basis of reference from the University
regarding enrollment. The University's
faculty are for University rights. A
Manual is available at www.uvm.edu. Additional
information can be found in the Undergraduate
catalog. The University's academic
standards are for SMU. The applicable provisions
are in the academic code 8(c)(e) 2(e) 8(d) 043 e..0054 0 T(043 2)-1.98) 1.9(A2)(18.6

University Policy

Email and Mailing Addresses, Telephone, and Emergency Contact

Each student in the University Registrar's Office is a member of the University community and is responsible for providing accurate contact information. This information is used for emergency contact purposes and for other university-related matters. It is the student's responsibility to keep this information current and accurate. If a student's contact information changes, they should notify the Registrar's Office as soon as possible. Failure to provide accurate contact information may result in the student being unable to receive important university communications.

Students are expected to provide their address and telephone number in the emergency contact section of the SMU, the University Web-based self-service system. This information is used for emergency contact purposes and for other university-related matters. Charges for this service may be applied to the student's account. For more information, contact ecdb@smu.edu, and the email is the best way to contact SMU. The ID card

Transcript Service

A transcript is a copy of the official record of the student's academic record maintained by the University Registrar's Office. The transcript is a legal document and is not to be used for any other purpose. Official transcripts are required for admission to other institutions of higher learning. Transcripts are available for students who are currently enrolled in classes at the University of North Carolina at Charlotte.

Transcripts are \$12.25 per transcript. Additional transcripts sent to other addresses are \$3.50. Additional transcripts sent to other addresses are \$16.00 per transcript. Transcripts are available for students who are currently enrolled in classes at the University of North Carolina at Charlotte.

Final Examinations

Final examinations shall be given at such time and place as the Board of Regents may determine. The Board of Regents may, however, determine that examinations should be given at other times and places. The Board of Regents may also determine that examinations should be given at other times and places. The Board of Regents may also determine that examinations should be given at other times and places.

cc: date: by: title: in: the Office

the President

Academic Grievance and Appeals Procedures for Students With Disabilities

final return has been filed with the IRS.

Each fall is an annual deadline for filing the federal income tax return. If you are required to file a return, you must file it by the deadline.

Each year, the IRS issues a new set of instructions for filing your return. These instructions are available on the IRS website at www.irs.gov. You should refer to these instructions when you file your return. The IRS also provides a free tax preparation service for low-income taxpayers. For more information, visit www.irs.gov/efile.

Schedule Changes

The deadline for filing your return has been extended to October 15, 2019. For more information, visit www.irs.gov/efile.

Withdrawal From the University

Please refer to the University of the Financial

Information Bulletin, which

can be accessed at [www/bsr](#) (Financial Bulletin)

On/ direct to the Office of the SMU Right to

Web page to obtain specific information and

to the financial aid

There are two different types of

drop and a withdrawal and

each has different deadlines and financial policies

The deadlines are listed in the Official University Catalog at

[www/register](#)

. A drop occurs when a student

is not present in class for a certain number of days

and a withdrawal occurs when a student

is present in class for a certain number of days

and then drops out of the university

before the first day of the term.

prior to the first day of

If a student is notified of a

cancellation and a financial

aid award, the student must

accept the award

A student who is notified of a

financial aid award

before the first day of

the term must accept the award

or withdraw from the university

before the first day of

the term. The student must

notify the Office of the University Registrar

of the withdrawal

by the date which is listed in the Official University Catalog

at [www/register](#)

for the withdrawal deadline

to the Office of the University Registrar

to the Office of the University Registrar

The student must withdraw before the first day of the

term. The student must withdraw before the first day of the

term. The student must withdraw before the first day of the

term. The student must withdraw before the first day of the

Financial

Information Bulletin, which can be accessed at

[www/bsr](#)

(Financial Bulletin A)

by the fifth day of the

term. The student must withdraw before the first day of the

term. The student must withdraw before the first day of the

term. The student must withdraw before the first day of the

term. The student must withdraw before the first day of the

Interpretation of Course Numbers

Each SMU course number has four digits. The first two digits indicate the general area of the course.

1000	1999	Fall	year
2000	2999	Spring	
3000	3999	Junior	
4000	4999	Senior	

Grade of F, D or W

Fully graded F. If the decision is made, the grade is
acceptable, a grade of F is given. If a grade, credit is
by the grade
The grade of D is given to students whose
Standard is D in each of the subjects
of the course
The grade of C is given to students who
are able to do
D+ is given to students who are able to do
The grade of W

Grade Changes

Changes in grade level are determined by the academic achievement test scores. A student who scores in the 75th percentile or higher on the test is eligible for a grade change. A student who scores in the 25th percentile or lower on the test is eligible for a grade change. A student who scores between the 25th and 75th percentiles on the test is not eligible for a grade change.

ACADEMIC ADVISING AND SATISFACTORY PROGRESS POLICIES

Academic Advising

From effective advising relationships, the student and advisor both benefit. The advisor sets the agenda, and the student follows it. The advisor sets the agenda, and the student follows it.

Definitions: Academic Probation, Academic Suspension, Academic Reinstatement and Academic Dismissal

Academic Probation. A student who has been placed on probation for the first time is given a one-semester period to improve his or her academic standing. If the student fails to meet the minimum requirements for probation during this period, he or she will be placed on suspension.

Academic Suspension. A student who is placed on suspension for the first time is given a one-semester period to improve his or her academic standing. If the student fails to meet the minimum requirements for suspension during this period, he or she will be placed on dismissal.

The student who is placed on probation or suspension for the first time is given a one-semester period to improve his or her academic standing. If the student fails to meet the minimum requirements for probation or suspension during this period, he or she will be placed on dismissal.

Grade and Transfer Credit. A grade of "F" or "I" is not eligible for transfer credit. A grade of "F" or "I" is not eligible for transfer credit.

Academic Reinstatement. A student who has been placed on probation, suspension, or dismissal for the first time may apply for reinstatement. If approved, the student will be placed on probation, suspension, or dismissal for the first time.

Academic Dismissal. A student who is placed on dismissal for the first time is given a one-semester period to improve his or her academic standing. If the student fails to meet the minimum requirements for dismissal during this period, he or she will be placed on dismissal.

Academic Petitions and Waivers

Petitions and Waivers. A student who is placed on probation, suspension, or dismissal for the first time may apply for a petition or waiver. If approved, the student will be placed on probation, suspension, or dismissal for the first time.

Transfer Coursework

Transfer Credit. A student who is placed on probation, suspension, or dismissal for the first time may apply for transfer credit. If approved, the student will be placed on probation, suspension, or dismissal for the first time.

GRADUATION POLICIES

Apply to Graduate

Student Application. A student who is placed on probation, suspension, or dismissal for the first time may apply for graduation. If approved, the student will be placed on probation, suspension, or dismissal for the first time.

Student Application. A student who is placed on probation, suspension, or dismissal for the first time may apply for graduation. If approved, the student will be placed on probation, suspension, or dismissal for the first time.

for data. The only way to be able to find the
on back SMU are the files in the University
Office receive their official status for
he about graduation

he degree the card for

OFFICE OF INFORMATION TECHNOLOGY

The Office of Information

Technology

UNIVERSITY ACADEMIC PROGRAMS

ENGLISH AS A SECOND LANGUAGE PROGRAM

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Acshie facshy ppsash ashe Ralph E. Pezjo
Facshy hacedawshie VgIrdaSci fgradais
size shief resach fices

For ifinabto ORAU an ignasie shd ctact
DrJanE. Qink ORAU cdfSMU (214-768-4345), MinE. Chajm
n ORAU cdf scry(423-576-3306), cthe ORAU vbi at
[www](#).

CONTINUING AND PROFESSIONAL EDUCATION

The Office of Continuing and Professional Education
addresses all subject areas for the cm

Education

credits

the Office of Student Services
a fee for a transcript

cash or check

To request a transcript, contact the Registrar's Office at (973) 398-2200. A fee of \$10.00 applies per transcript. The Registrar's Office is located in the Student Center, Room 100.

the cost of the transcript is \$10.00 per transcript.

High school students who are currently attending SMU may request a transcript for their high school. The Registrar's Office will provide a transcript for the high school. The transcript will be sent to the high school. The transcript will be sent to the high school.

SMU Student Handbook, which is available at www.smu.edu/StudentAffairs/StudentLife/StudentHandbook.

Housing

The Department of Residence Life and Student Housing provides on-campus housing for students. The department offers a variety of housing options, including single rooms, double rooms, and suites. The department also provides information on off-campus housing. The department is located in the Student Center, Room 100.

Hegi Family Career Development Center

www.smu.edu/career

The Hegi Family Career Development Center provides a variety of career development services for students. The center offers career counseling, resume writing, and job search assistance. The center is located in the Student Center, Room 100.

Career Counseling. SMU offers a variety of career counseling services. The center offers individual and group counseling. The center is located in the Student Center, Room 100.

On-Demand Advising. The Career Center offers on-demand advising. The center offers one-on-one advising. The center is located in the Student Center, Room 100.

MustangTrak. The Career Center offers MustangTrak, a career development tool. The center offers MustangTrak to all students. The center is located in the Student Center, Room 100.

Career Fair. The Career Center offers a career fair. The center offers a career fair for all students. The center is located in the Student Center, Room 100.

Student Media

The Student Media Office is a SMU initiative that provides a platform for students to express their opinions and concerns. The office is responsible for the production and distribution of the Daily Campus, SMU's student newspaper, and SMU-TV, the student television station. The office also manages the SMU website and the student radio station, WYAM. SMU Student Media is located in the Rotunda (1000 W. 15th St., Suite 1000), which has been the office since 1915.

Veterans Services

The Director of Veterans Affairs is responsible for providing support and assistance to students who are veterans or the dependents of veterans. The office provides information on campus resources, financial aid, and other services available to veterans. The office also provides support and assistance to students who are currently serving in the military.

admitted to the hospital. The clinic is staffed by physicians, registered nurses, and medical assistants. The clinic is open from 8:30 a.m. to 5:00 p.m. Monday through Friday. For an appointment, call the Health Center at 214-768-2141.

Patient Observation. When needed by a physician, the patient may be held in observation from 8:30 a.m. to 5 p.m. Monday through Friday. Observation is available for patients with medical conditions. When necessary, patients are referred to the medical clinic. The patient will be billed for the observation.

Acute/After Hours Care. For emergency care after clinic hours, contact the Health Center at 911 or a physician. The Health Center is located at the Health Center (www.healthcenter) in the Health Center building.

Costs. Undergraduate and graduate students may be charged for health care services. The Health Center offers a sliding scale of charges based on financial need. All patients are charged a reasonable fee for laboratory and medical services.

Mandatory Health Insurance Policy. To maintain health insurance coverage, SMU requires all students to purchase health insurance. The University of Texas System provides health insurance for all students. The University of Texas System provides health insurance for all students. The University of Texas System provides health insurance for all students.

SMU students are required to purchase health insurance. The Student Health Insurance Plan (SHIP) provides health insurance for all students. The SHIP is administered by the Student Health Insurance Plan. The SHIP provides health insurance for all students. The SHIP provides health insurance for all students. The SHIP provides health insurance for all students.

The SHIP provides health insurance for all students. The SHIP provides health insurance for all students. The SHIP provides health insurance for all students. The SHIP provides health insurance for all students. The SHIP provides health insurance for all students.

Pharmacy. A pharmacy is located on the Health Center campus. The pharmacy is open from 8:30 a.m. to 5:00 p.m. Monday through Friday. The pharmacy provides a variety of pharmaceuticals. The pharmacy provides a variety of pharmaceuticals. The pharmacy provides a variety of pharmaceuticals.

Laboratory Services. Laboratory services are available for students. Laboratory services are available for students. Laboratory services are available for students. Laboratory services are available for students. Laboratory services are available for students.

Immunizations. All students are required to receive immunizations. The Health Center provides immunizations for all students. The Health Center provides immunizations for all students. The Health Center provides immunizations for all students. The Health Center provides immunizations for all students. The Health Center provides immunizations for all students.

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8. Student Appeals and Complaints

Shen Mehdi University is dedicated to providing a high quality education for its students. We are committed to ensuring that all students have the opportunity to succeed and to providing a safe and supportive learning environment. If you have any concerns or complaints regarding your academic performance, conduct, or the University's policies, procedures, or services, please contact the appropriate office. We will investigate all complaints and take appropriate action to resolve the issue. Your feedback is important to us, and we will work to improve our services and policies based on your input.

ADMINISTRATION AND FACULTY

ADMINISTRATION

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Jeff M. Cla	Judge James Noel Dean of Dedman School of Law
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William B. Lawrence	Dean of Joe and Lois Perkins School of Theology
Glen M. McClos	

Office of the Vice President for Business and Finance

DEDMAN COLLEGE OF HUMANITIES AND SCIENCES

Office of the Academic Dean

Thomas DiPiero,

Oga L.V. Cbet

Dedman College Faculty (continued)

Victor Farris Lecturer of Political Science, Ph.D., SUNY (Albany)
Sam Fernandez Senior Lecturer of Spanish, Ph.D., Complutense de Madrid
Keith Fetscher Senior Lecturer of Japanese, M.A.T., Schulich School of Business (York)
Daryl Fisher Lecturer of ESL, M.A., Texas A&M (Albany)
John Fisher Associate Professor of Philosophy, Ph.D., Auburn
Marie-Francoise Fournier Assistant Professor of French, Ph.D., Michigan
Nel Foy Robert H. and Nancy Dedman Professor of History, Ph.D., Michigan
Thomas B. Foy Professor of Economics, Ph.D., Michigan
Debra A. Fox

Dedman College Faculty (continued)

Jared Lak, Assistant Professor of Economics, Ph.D., **Johanna**
John C. Lamm, Associate Professor of Religious Studies, Ph.D., **Dia**
Shirley Lader, Professor of Practice of Jewish Studies, Jewish Studies Director, Ph.D.,
Pelja
Paul Lage, Senior Lecturer of English, M.A., SMU
Michael Lamm, Professor of Chemistry, Ph.D., **Cynthia New**
Barry Lee, Associate Professor of Mathematics, Ph.D., **Chado**
Verónica León, Senior Lecturer of Spanish, Ph.D., **Texas**
Ahmed Lester, Research Assistant Professor of Earth Sciences, M.A., **Virginia Tech**
Bruce Ley, Senior Lecturer of English, Ph.D., **Bruce**
Ann E. Linn, Associate Professor of Sociology, Ph.D., **Washington State**
Steven Linn, Associate Professor of Religious Studies, Ph.D., **Texas**
Abraham Lipt, Assistant Professor of Chemistry, Ph.D., **Pelja**
Chenghan Liu, Research Assistant Professor of Physics, M.S., **Texas A&M**

Dedman College Faculty (continued)

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Daniel Miller Professor of Economics, Ph.D., **Baylor**
Luis Molina Professor of Practice of Spanish, Ph.D., **Texas Tech**
Peter Moore Professor of Mathematics, Ph.D., **Reiner Po** **John**
Farid Mouton Professor of Spanish, Ph.D., **Georgetown**
Agne M. Nolasca Lecturer of Spanish, M.A., **Madison**
Sheila

Dedman College Faculty (continued)

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Bin Qin Research Assistant Professor of Earth Sciences, B.S., Harbin Institute of Technology
Shan Radtke Research Associate Professor of Biological Sciences, Ph.D., Michigan State University
Patia Rahn Professor of Practice of Latin, M.A., Texas A&M University
Doris A. Rein Professor of Mathematics, Ph.D., California Institute of Technology
Dan Reiss Associate Professor of Mathematics, Ph.D., Rice University
Heidi Reiss Senior Lecturer of Economics, Ph.D., SMU
Robert Righer Research Professor of History, Ph.D., California State University, San Bernardino
Thomas Ritz Professor of Psychology, Ph.D., Harvard University
Stephen Roberts Senior Lecturer of Statistical Science, Ph.D., SMU
Linda Rubin Associate Professor of Philosophy, Ph.D., California State University, San Diego
Cheryl Rose Associate Professor of Anthropology, Ph.D., Arizona State University
Theresa Roubal Associate Professor of English, Ph.D., Northern Illinois University

Dedman College Faculty (continued)

- Cher P. Sign** Research Assistant Professor of Earth Sciences, B.S., Texas (Dah)
- Li Singan** Associate Professor of English, Ph.D., Jordan
- Sara Sign** Lecturer of English, M.A., SMU
- Sheyl. Sign** University Distinguished Professor of History, Ph.D., Washington
- Carl Sign** Associate Professor of Anthropology, Health and Society Program Director, Ph.D., Arizona
- Dail Y. Sign** Professor of Chemistry, Ph.D., Massachusetts Tech
- Whid Lee Spgeh** Professor of English, Duwain E. Hughes, Jr. Distinguished Chair for English, Ph.D., Hawaii
- Hab Saly** Professor of Political Science, Garin-Pettus Distinguished Chair in American Politics and Political Economy, Ph.D., Yale
- Lia Sapa** Lecturer of English, Ph.D., Texas (Dah)
- Nich Sapa** Assistant Professor of Anthropology, Ph.D., Hawaii
- Bard Siger** Associate Professor of Mathematics, Ph.D., Virginia Tech
- S. Lyn Sigs** Professor of Statistical Science, Ph.D., North Carolina (Chapel Hill)
- Tim Sign** Senior Lecturer of English, Ph.D., Denver
- Tera Stecker** Senior Lecturer of Biological Sciences, Ph.D., California (Los Angeles)
- Rud Sign** Professor of Physics, Ph.D., Geneva (Switzerland)
- Brian W. Sign** Professor of Earth Sciences, Claude C. Albritton, Jr. Chair in Earth Sciences, Ph.D., California (Berkeley)
- Rajai Sign** Associate Professor of English, Ph.D., Cornell
- Steven D. Sign** Professor of Philosophy, Ph.D., China
- Nell J. Sign** Professor of Earth Sciences, Ph.D., California (Dah)
- Hil Takchi** Associate Professor of Political Science, Ph.D., California (Los Angeles)
- Peg Tao** Assistant Professor of Chemistry, Ph.D., Ohio State
- Juan Tash** Professor of Mathematics, Ph.D., Colorado
- Heidi Thann** Assistant Professor of French, Ph.D., Pennsylvania
- Brad Thann**

Dedman College Faculty (continued)

- Shelley Weber** Professor of Economics, Robert H. and Nancy Dedman Trustee
Professor in Economics, Ph.D., Hebrew University
- Stephen K. Wegren** Professor of Political Science, International and Area Studies
Director, Ph.D., China
- Steven Weisberger** Professor of English, Professor of Humanities, Jacob and
Frances Sanger Mossiker Endowed Chair, Ph.D., Washington
- Katherine A. Wehm** Professor of History, Ph.D., Chicago
- A. Philip Wesley** Assistant Professor of Biological Sciences, Ph.D., Yale
- Laura Caccia Wesley** Lecturer of Biological Sciences, Ph.D., Yale
- Ruth K. Weheing** Professor of Anthropology, Ph.D., Michigan
- Elizabeth Wheat** Senior Lecturer of Economics, Ph.D., Texas
- Alan Brian Wheeler** Associate Professor of English, Medieval Studies Director,
Ph.D., Brown
- J. Maheshwari** Associate Professor of Political Science, Ph.D., Delhi
- Laura H. White** Senior Lecturer of History, Ph.D., Michigan
- John White** Associate Professor of Biological Sciences, Ph.D., Rochester
- Paul Wiarne** Professor of Chemistry, Ph.D., Texas
- Agnes Wood** Professor of Practice of English, M.A., SMU
- Walter A. Wood** Professor of Statistical Science, Department of Statistical
Science Chair, Ph.D., Texas Tech
- Yan Xia**

Dedman College Emeritus Faculty (continued)

- Rh Mgan** Professor Emerita of Political Science, Ph.D., **LiamStae**
- Dahl L. Nieky** Professor Emeritus of History, Ph.D., **Tha**
- LadkyP. Nok** Professor Emeritus of Anthropology, Ph.D., **Miro**
- BejainbyPey** Professor Emeritus of Philosophy, Ph.D., **Ba**
- Bre Pige,** Professor Emeritus of Sociology
- ChapB. Read,** Professor Emeritus of Statistical Science, Ph.D., **Nb Cal**
(ChapH)
- Gege W. ReddienJr;** Professor Emeritus of Mathematics, Ph.D., **Gega Tech**
- Lawre S. Rben** Professor Emeritus of Biological Sciences, Ph.D., **Miro**
- WahR. Resl** Professor Emeritus of Economics, Ph.D., **Wahigh**
- C. Gah Sagn** Professor Emeritus of Anthropology, D.Phil, **Ofo**
- WahR. Schcap** Professor Emeritus of Statistical Science, Ph.D., **SMU**
- Lawre F. Shajn** Professor Emeritus of Mathematics, Ph.D., **Calia**
In6Techy
- Kerh Dal Shields** Professor Emeritus of English, Ph.D., **Edingh**
- DWytSin** Professor Emerita of Mathematics, M.A., **SMU**
- DahlJ. Spe,** Professor Emeritus of Economics, Ph.D., **Texas&M**
- C.W. Sin** Professor Emeritus of English, M.A., **Nberls**
- FahSgandersBem** Professor Emeritus of Biological Sciences, Ph.D.,
Nebra
- Lila BenStean** Professor Emerita of Sociology, Ph.D., **NewVhSta**
Bb
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