



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

THE UNIVERSITY OF TEXAS AT EL PASO 2010-2011 GRADUATE CATALOG



Whats Inside

- General Information
 - Our History
 - Our Vision
 - Our Mission
 - Our Goals
 - Our Colleges
 - Our Student Body
 - Accreditation
- Board of Regents
 - Officers
 - Members
 - Office of the Chancellor
- Administrative Officers
- Academic Calendar

STATEMENT OF EQUAL EDUCATIONAL OPPORTUNITY

To the extent provided by applicable law, no person shall be excluded from participation in, denied the benefits of, or be subjected to discrimination under, any program or activity sponsored or conducted by The University of Texas System, or any of its institutions on the basis of race, color, national origin, religion, sex, age, genetic information, veteran status, sexual orientation, or disability.

DISCLAIMER

This catalog is a general information publication only. It is not intended to nor does it contain all regulations that relate to students. The provisions of this catalog do not constitute a contract, expressed or implied, between any applicant, student, or faculty member and The University of Texas at El Paso or The University of Texas System. The University of Texas at El Paso reserves the right to withdraw courses at any time, and to change fees or tuition, calendar, curriculum, degree requirements, graduation procedures, and any other information or requirements affecting students. Changes will become effective whenever the proper authorities so determine and will apply to both prospective students and to those already enrolled.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

The Graduate School

Whats Inside

- [Graduate School Administration](#)
 - Graduate Council
- [Graduate Programs](#)
 - Doctoral Programs
 - Master's Programs
 - Combined Programs
 - On-Line Programs
 - Certificates and Non-Degree Programs
 - Cooperative Programs
- [General Degree Requirements](#)
 - Preliminary Degree Plans
 - Time Limits and Catalog Changes
 - Course Work Requirements
 - Thesis Requirements
 - Dissertation Requirements
 - Final Examination
 - Graduation Requirements







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Graduate School Administration

Since the awarding of the first masters degree in History in 1942, the graduate program at UTEP has experienced significant growth. In 1967, a Graduate School was organized, and in 1974, the first doctoral-level degree program, the Doctor of Geological Sciences, was approved by the Coordinating Board of the Texas College and University System, with the first degree awarded in 1979. Today, the Graduate School offers Doctor of Philosophy degrees in Biological Sciences, Chemistry, Civil Engineering, Computational Science, Computer Science, Electrical and Computer Engineering, Environmental Science and Engineering, Geological Sciences, History, Interdisciplinary Health Sciences, International Business, Materials Science and Engineering, Psychology, Rhetoric and Composition, Teaching, Learning and Culture and the Doctor of Education in Educational Leadership and Administration, and masters degrees in over 80 areas.

The Graduate School is comprised of professors and scholars designated as Members of the Graduate Faculty and of students duly admitted to pursue their studies beyond the baccalaureate degree. The Graduate School faculty and administration award all graduate degrees conferred by the University under authority delegated by the Board of Regents of The University of Texas System.

PATRICIA D. WITHERSPOON, Dean of the Graduate School
B.S., University of Texas at Austin; M.A., University of Wisconsin; Ph.D., University of Texas at Austin

BENJAMIN C. FLORES, Associate Dean of the Graduate School
B.S., The University of Texas at El Paso; M.S., The University of Texas at El Paso; Ph.D., Arizona State University

YVONNE LOPEZ, Assistant Dean for Graduate Student Services
B.A., The University of Texas at Pan-American; M.Ed., The University of Texas at El Paso

THE GRADUATE COUNCIL

The Graduate Faculty of The University of Texas at El Paso exercises its legislative functions through a Graduate Assembly. The Graduate Assembly is the final faculty authority for recommending policies concerned with academic standards for admission and retention of students, for furthering the development of the graduate program, and other matters affecting graduate study. The Assembly accomplishes most of its responsibilities through its elected representatives to the Graduate Council. Terms expire on August 31 of the year indicated in parentheses.

PATRICIA D. WITHERSPOON
Dean of the Graduate School
Ex-Officio Member

ARTURO BRONSON (2011)
Professor of Mechanical Engineering
College of Engineering
Member-At-Large

MARION L. ELLZEY (2010)
Professor of Chemistry

ELLEN H. COURTNEY (2012)
Associate Professor of Languages & Linguistics
College of Liberal Arts Member -At-Large

HELEN FOSTER (2010)
Associate Professor of Rhetoric & Writing Studies
College of Liberal Arts
Member-At-Large

JAMES HOLCOMB (2011)
Associate Professor of Economics & Finance

Professor of Chemistry
College of Science
Chair of the Graduate Council

JOSE HURTADO (2011)
Associate Professor of Geological Sciences
College of Science Representative

ELENA IZQUIERDO (2010)
Associate Professor of Teacher Education
College of Education Representative

CAROL KELLEY (Permanent Observer)
Associate University Librarian
Library

GEORGE A. KING (2010)
Associate Professor of Kinesiology
College of Health Sciences Representative

MARK LUSK (2011)
Professor of Social Work
College of Health Sciences Representative

CHARLES BOEHMER (2012)
Assistant Professor of Political Science
College of Liberal Arts Representative

CHERYL MARTIN (2010)
Professor of History
College of Liberal Arts Representative

GLORIA MCKEE-LOPEZ (2011)
Associate Professor of Nursing
School of Nursing Representative

KRISTYNA ROBINSON (2011)
Associate Professor of Nursing
School of Nursing Representative

JOHN WIEBE (Voting)
Associate Professor of Psychology
College of Liberal Arts
President of the Faculty Senate

College of Business Administration Representative

LUIS RENE CONTRERAS-SAPIEN (2012)
Associate Professor of Industrial Engineering
College of Engineering Representative

AUROLYN LUYKX (2012)
Associate Professor of Teacher Education
College of Education Representative

LAURA SERPA (2011)
Professor of Geological Sciences
College of Science
Member-at-Large

BRYAN USEVITCH (2011)
Associate Professor of Electrical and
Computer Engineering
College of Engineering Representative

EDDIE WEI (2010)
Associate Professor of economics and Finance
College of Business Administration Representative

JOAO R. FARIA (2011)
Professor
Institute for Policy and Economic Development
University College Representative

LUIS VALDEZ-SANCHEZ (2012)
Associate Professor of Mathematical Sciences
College of Science Representative



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Graduate Programs

DOCTORAL PROGRAMS

Doctor of Education (Ed.D.)

Educational Leadership and Administration

Doctor of Philosophy (Ph.D.)

Biological Sciences	Computational Science
Chemistry	Computer Science
Civil Engineering	Electrical and Computer Engineering
Environmental Science and Engineering	Materials Science and Engineering
Geological Sciences	Psychology
History	Rhetoric and Composition
Interdisciplinary Health Sciences	Teaching, Learning and Culture
International Business	

MASTERS PROGRAMS

Master of Accountancy (MACY)

Master of Arts (MA)

Art	Latin American and Border Studies
Art Education	Leadership Studies
Studio Art	Linguistics
Communication	Political Science
Education	Philosophy
English	Psychology
English and American Literature	Clinical
Rhetoric and Writing Studies	General Experimental
History	Sociology
History	Spanish
U.S.-Mexico Border	

Master of Arts in Interdisciplinary Studies (MAIS)

Master of Arts in Teaching English (MAT)

Master of Arts in Teaching Mathematics (MATM)

Master of Arts in Teaching Science (MATS)

Master of Business Administration (MBA)

Master of Education (MED)

Educational Administration	Instructional Specialist
Educational Diagnostician	Reading Education
Guidance and Counseling	Special Education

Master of Engineering in Environmental Engineering (MEENE)

Master of Fine Arts (MFA)

Creative Writing

Master of Music (MM)

Music Education
Performance

Master of Occupational Therapy (MOT)

Master in Public Administration (MPA)

Master of Public Health (MPH)

Master of Rehabilitation Counseling (MRC)

Master of Science (MS)

Bioinformatics	Computer Science
Biological Sciences	Economics
Chemistry	Electrical Engineering
Civil Engineering	Engineering
Computational Science	Environmental Science
Computer Engineering	Geological Sciences
Geophysics	Mechanical Engineering
Health Promotion	Metallurgical and Materials Engineering
Industrial Engineering	Physics
Intelligence and National Security	Spanish Language Pathway

Kinesiology
Manufacturing Engineering
Mathematics

Speech-Language Pathology
Statistics
Systems Engineering

Master of Science in Environmental Engineering (MSENE)
Master of Science in Information Technology (MSIT)
Master of Science in Interdisciplinary Studies (MSIS)

Master of Science in Nursing (MSN)
Nurse Practitioner
Nursing Systems Management
Nurse Clinical Specialist

Master of Social Work (MSW)

Additional doctoral and masters degree programs are pending final approval. For information, students should contact the graduate advisor for a specific academic area or the Graduate School, (915) 747-5491.

COMBINED PROGRAMS

MBA/MPA Master of Business Administration/Master of Public Administration

ON-LINE PROGRAMS

Master of Education - Instructional Specialist
Master of Fine Arts – Creative Writing
Master of Science in Kinesiology/UT Telecampus

CERTIFICATES AND NON-DEGREE PROGRAMS

College of Business Administration
MBA Plus Program

College of Engineering
Construction Management Engineering
International Manufacturing
Systems Engineering

College of Education
Alternative Certification
Mid Management Professional Certification
Principal Certification
Superintendent Certification
Texas Initial Teaching Certificate

College of Health Sciences
Bilingual Speech Language Pathology
Health Systems

School of Nursing
Evidence-Based Practice
Health Care Leadership and Management
Nursing Educator
Post-Master's Nurse

College of Liberal Arts
Bilingual Professional Writing
Latin American and Border Studies
Teaching English to Speakers of Other Languages
Teaching History
Women's and Gender Studies

University College
Border Administration
Economic Development
Homeland Security
Intelligence and National Security
Leadership Studies
Urban and Regional Planning

Non-Degree Option

Students selecting the non-degree option are placed in an unclassified status, indicating no particular major or program of study has been selected. Students often select the non-degree option to complete prerequisite work or to demonstrate their ability to do graduate level coursework. Students may enroll in graduate-level course work only with the permission of the graduate advisor of the department in which the courses belong. Should a non-degree student subsequently be admitted into a degree program, the departmental graduate advisor may recommend to the Graduate School that up to nine (9) hours completed prior to formal admission to the program be used toward graduate degree requirements.

Admission as a non-degree student does not constitute admission into a graduate degree program of the Graduate School. Non-degree admission is not available to international students who need a visa (I-20) to attend school in the United States unless approved by the Graduate School. Non-degree students are ineligible to receive any type of federal or institutional financial aid, including VA benefits.

All non-degree students are required to maintain a minimum cumulative grade point average of 2.5. If the cumulative GPA drops below 2.5 the non-degree student will be placed on academic probation and must return the CGPA to 2.5 within one semester. Failure to do so will result in dismissal from the Graduate School. Non-degree students must declare a major and pursue admission to a graduate program after the completion of 9 semester hours.

COOPERATIVE PROGRAMS

UTEP enthusiastically participates in cooperative degree programs with the University of Texas at Austin and the UT Health Sciences Center in Houston. Applicants to such programs are required to submit separate applications to the degree-granting institution and are classified as on-degree students for any UTEP enrollment. Students are asked to be aware that admission to UTEP as a non-degree student neither offers nor implies admission to the degree-granting institution.

Doctor of Pharmacy/UT Austin

The University of Texas at Austin (UT Austin) in cooperation with the University of Texas at El Paso grants the degree of Doctor of Pharmacy. The first two years of the pre-pharmacy curriculum is available on the UTEP campus. Students then apply for admission to the College of Pharmacy at UT Austin. At least the first two years, of the approximate four years, of course work in pharmacy school must be taken on the UT Austin campus. It is anticipated that about 1.5-2.0 of the final years of the professional curriculum should be available at UTEP.

Ph.D. in Nursing (Formerly Doctor of Science in Nursing)/UT Health Science Center, Houston

Students should contact the School of Nursing for information about this cooperative program.

Master of Public Health/UT Health Science Center, Houston

The University of Texas Health Science Center at Houston offers the Master of Public Health degree (MPH) at UTEP. This program was developed to provide students with a basic foundation in public health and an understanding of the unique health problems of the US-Mexico border through course work and applied research. Courses are provided by the University of Texas - Houston School of Public Health faculty in residence at the El Paso campus, as well as through interactive television courses taught by faculty at both the Houston and San Antonio campuses. In addition, some upper-division and graduate courses offered by UTEP academic departments may be taken concurrently and be considered in fulfillment of degree requirements. The program is fully accredited by the Council on Education for Public Health.

This El Paso satellite program provides students with the opportunity to study and conduct research in a binational and multicultural region. Students are expected to gain a competency in the five basic disciplines of public health (administration, behavioral sciences, biometry, environmental health, and epidemiology) with a focus on border health. Degree requirements include the completion of a minimum of 36 credit hours, including a master's thesis in which students examine a specific health issue in depth. The University of Texas - Houston Health Science Center School of Public Health is the degree-granting institution. For additional information, students can call (915) 747-8500.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

General Degree Requirements

PRELIMINARY DEGREE PLAN

Each master's student must submit to the Graduate School a graduate advisor and college dean approved Preliminary Degree Plan. The Preliminary Degree Plan should list the courses required by the department that the student must complete prior to graduation. The degree plan must be approved by the Graduate School.

Nine semester hours of upper-division undergraduate courses approved for graduate credit are the maximum allowable in any individual's program.

Undergraduate courses taken for graduate credit require additional work, the amount and nature of which to be determined by the instructor.

Undergraduate courses approved for graduate credit are listed in the Graduate Catalog under the respective program. The Graduate School discourages students from working toward more than one graduate degree at the same time.

For doctoral students, the Preliminary Degree Plan must be submitted during the first year of graduate study. For composition of the supervising committee, the student should refer to the section in this catalog that describes his/her respective doctoral program.

TIME LIMITS AND CATALOG CHANGES

All requirements for a masters degree must be completed within one six-year period, including any transfer work or work completed prior to admission to the program. Work over six years old is lost and can be reinstated only by special permission of the Dean of the Graduate School upon the recommendation of the committee on graduate studies. Doctoral students should consult the specific program for the policy on time limits for completing doctoral degree requirements.

General and specific requirements for degrees in the Graduate School may be altered in successive catalogs. Provided the requisite courses continue to be offered, the student is bound only by the course requirements of the catalog in force at the time of admission or re-admission within a six-year limit, unless, with the approval of the Dean of the Graduate School, the student elects to be bound by the course requirements of a subsequent catalog. This regulation applies to course requirements only.

COURSE WORK REQUIREMENTS

Course Load

Registration in excess of 15 semester hours during a long semester, or 6 semester hours in a summer term requires the approval of the departmental graduate advisor, college dean and the Graduate School.

At least 30 semester hours of upper-division and/or graduate instruction are required for any masters degree. Nine semester hours of upper-division undergraduate courses approved for graduate credit are the maximum allowable in any program of study. Undergraduate courses taken for graduate credit will require additional work, the amount and nature of which to be determined by the instructor. Every proposed program of study needs the approval of the Graduate School. The Graduate School discourages students from working toward more than one graduate degree at the same time.

Fall and Spring	Full-time	= 9 or more hours per semester
	Part-time	= 8 or less hours
	Maximum course load is 15 semester hours.	
Maymester and Wintermester	Full-time	= 3 or more hours per term
	Part-time	= 2 or less hours
	Maximum course load is 6 hours.	
Summer and 10 weeks	Full-time	= 3 hours or more per term
	Part-time	= 2 or less hours
	Maximum course load is 6 hours.	

For enrollment verification to financial aid, loan agencies, insurance companies, scholarships, etc., the following categories will be followed.

Fall and Spring Semester/Term	Hours Per	= 9 or more hours per semester
Full-time		= 6-8 hours
Part time		= 4-5 hours
Half time		= fewer than 4 hours
Less than Half		
Maymester and Wintermester		= 3 or more
Full-time		= 2 hours
Part time		= 1 hour
Less than Part		
Summer Sessions		= 3 or more
Full-time		= 2 hours
Part time		= 1 hour
Less than		

Students are encouraged to enroll in the appropriate number of credit hours as required by financial aid, loan agencies, insurance companies, scholarships, etc. Veterans Affairs (VA) students are recommended to consult with the campus VA Office.

Students who participate in the **Career and Professional Development Services Cooperative Education Program** and who are only enrolled in a CO-OP course will be classified as full-time for the semester/term. International students with assistantships seeking to enroll in CO-OP must obtain approval from the Graduate School before enrolling in CO-OP. Enrollment in CO-OP beyond two semesters requires Graduate School approval.

This full-time classification is a criterion for employment as teaching and research assistants and for receipt of stipends and scholarships. It represents a minimum standard and individual programs may require students to enroll in more hours to qualify for support.

Summer Enrollment Students continuously enrolled on a full-time basis the immediate preceding fall and spring semesters are not required to enroll during the summer term if course offerings directly applicable toward degree completion are not available during the summer term. Students eligible to pursue this alternative must obtain permission from the Graduate School.

Enrollment Verification for Thesis and Dissertation Students

Master's degree students, who have completed all requirements for the degree, including 5398, are classified by the Graduate School as full time if only enrolled in 5399 (which is a 3 credit-hours course). This full-time classification applies to **three** final semesters of continual enrollment in 5399.

The same consideration will be given to non-thesis students who have completed all requirements for the degree except the final six hours of coursework as

determined by the Graduate Catalog and the approved degree plan. Students eligible for this consideration must obtain permission from the Graduate School to enroll in six or less hours of approved coursework. If approved, full-time classification will be granted for **one** final semester only. Doctoral degree students who have completed all requirements for the degree including 6320 or 6398 are classified by the Graduate School as full-time if only enrolled in 6399 or 6321 (which is a 3 hour course). This full-time classification applies to four final terms of continual enrollment in 6322 or 6399. Graduate students enrolled in 3 hours during one of the summer semesters are classified by the Graduate School as full time for the entire summer. This full-time classification is a criterion for employment as teaching and research assistants and for receipt of stipends and scholarships. It represents a minimum standard and individual programs may require students to enroll in more hours to qualify for support. **Graduate students receiving financial aid must register for a minimum of four hours every semester to retain their financial aid eligibility even if they are in the final semester of thesis, dissertation or coursework.**

Prerequisites

Every master's degree program is based on the assumption that the student participating in it already possesses a general college education through the baccalaureate level. Accordingly, the first prerequisite for the entering student is a baccalaureate degree from an accredited institution. A second prerequisite is that the entering student must have taken at least 12 semester hours of advanced undergraduate courses in the area of study in which he or she proposes to pursue a graduate major. Some areas may require more semester hours of undergraduate preparation. Students must earn at least a 3.0 grade point average in any deficiency or leveling work required. If a student without adequate preparation is admitted to a given graduate program, admission will be conditional until such time as the student has completed the courses of preparatory work designated by the graduate advisor. These courses will be in addition to the 30 hours (or more) required for the master's degree itself.

THESIS REQUIREMENTS

The candidate must be accepted into a graduate program prior to pursuing the thesis. The candidate for the master's degree writes a thesis under the direction of a supervising committee, consisting of at least two departmental representatives and one member from outside the department. All members of the supervising committee must be members of the Graduate Faculty. The thesis is subject to the approval of the committee and ultimately to the approval of the Dean of the Graduate School. The researching and writing of the thesis involves 6 semester hours of credit. To earn the 6 hours of thesis credit, the student must register in course 5398 when work on the thesis is begun. Thereafter, the student must register for 5399 during each semester or term in which work on the thesis is conducted. Students may not enroll in 5398 and 5399 simultaneously, nor may they enroll in more than three hours of thesis at any one time, and must be enrolled during the semester of graduation.

A copy of the thesis, using any publication style appropriate to the given discipline, must be submitted to the Graduate School for format check prior to the scheduled defense date. The thesis must be prepared according to the Graduate School's thesis and dissertation manuscript guidelines available at the Graduate School website. The student will receive email confirmation from the Graduate School upon approval of the format.

The candidate must submit a copy of the final Graduate School approved thesis in PDF electronic format on a CD in a hard case by the deadline as published in the Class Schedule of the intended semester of graduation. A hard copy of the signature page and defense form with original signatures of the members of the thesis committee must also be submitted to the Graduate School. The signature page must be included in the PDF file but should not be signed. The Graduate School approved thesis must also be submitted at the University Microfilms International website for on-line publication (<http://dissertations.umi.com/utep>). These are regarded as publications and will be made public once they are approved and submitted to the Graduate School.

If a student has not completed thesis work at the end of two years after the subject has been approved and recorded, the supervisor may require the choice of another subject. Credit in thesis courses will not be granted until the thesis is completed and approved.

Non-Thesis

Some programs require internship reports, professional reports or formal papers prepared in certain graduate seminar or conference-type courses in lieu of a thesis. Non-theses should be comparable to a thesis in every respect except for the evidence of original research and are normally completed just as theses; they must be reviewed and accepted by the supervising committee and if required submitted to the academic graduate department rather than to the Graduate School. The Graduate School does not require the submission of non-theses but requires the submission of a Completion/Defense form for all non-theses. Students are responsible for adhering to the policies and procedures of their departments.

DISSERTATION REQUIREMENTS

A doctoral candidate must be accepted into a doctoral program prior to pursuing the dissertation. The candidate for the doctoral degree writes a dissertation under the direction of a supervising committee. All members of the supervising committee must be members of the Graduate Faculty. For composition of the supervising committee, the student should refer to the section in this catalog that describes their respective doctoral program. The dissertation is subject to the approval of the committee and ultimately to the approval of the Dean of the Graduate School. The student must register for dissertation course 6320 or 6398 when work on the dissertation is begun. Thereafter, the student must register for course 6321 or 6399 during each semester or term in which work on the dissertation is conducted. Students may not enroll in 6320 and 6321, or in 6398 and 6399 simultaneously nor may they enroll in more than three hours of dissertation at any one time, and must be enrolled during the semester of graduation.

A copy of the dissertation, using any publication style appropriate to the given discipline, must be submitted to the Graduate School for format check prior to the scheduled defense date. The dissertation must be prepared according to the Graduate School's thesis and dissertation manuscript guidelines available at the Graduate School website. The student will receive email confirmation from the Graduate School upon approval of the format. The defense date must be scheduled on or before Dead Day of the intended term of graduation if the doctoral candidate plans to participate in commencement activities. Summer candidates wishing to participate in spring commencement must defend by Dead Day of the spring semester. The Defense form with original signatures must be submitted to the Graduate School after the scheduled defense date or by Dead Day if the doctoral candidate is participating in commencement.

The candidate must submit a copy of the final Graduate School approved dissertation in PDF electronic format on a CD in a hard case by the deadline as published in the Class Schedule of the intended semester of graduation. A hard copy of the signature page with original signatures of the members of the dissertation committee must also be submitted to the Graduate School. The signature page must be included in the PDF file but it should not be signed. The Graduate School approved dissertation must also be submitted at the University Microfilms International website for on-line publication (<http://dissertations.umi.com/utep>). Dissertations are regarded as publications and will be made public once they are approved and submitted to the Graduate School.

FINAL EXAMINATION

All graduate degree candidates are required to satisfactorily complete an oral or written examination or both. The examining committee, composed of at least three members of the graduate faculty, will usually serve as the student's supervising committee. One member of the committee must be from outside the major area of study or from another department. Individual departments may elect to drop a student after a first or second failure of the examination upon the recommendation of the examining committee, but under no circumstances will a student be permitted to take the examination more than three times. A student failing such an examination for the third time will be dropped from the program.

GRADUATION REQUIREMENTS

Degrees are conferred at the end of each semester and at the end of the summer session. For summer graduates, regardless of the summer session of enrollment, the degree is conferred at the end of the last summer session. Formal commencement ceremonies are held in May for all candidates who complete degree requirements during the spring semester and in December for fall candidates and graduates of the previous summer.

Summer candidates may participate in the May commencement ceremony if no more than 6 hours are needed to complete the degree during the summer session. Summer candidates participating in May commencement must complete the application process by the published deadline for May graduation.

Summer candidates' names will not appear in the May program but in the December program.

Graduation requirements are as follows:

1. Completion of all required course work as listed on the approved Degree Plan.
2. Acceptance of the thesis or dissertation by the Graduate School.
3. Satisfactory completion of an oral or written exam or both.
4. Filing of a departmental graduate advisor and college dean approved Application for Graduate Degree with the Graduate School.
5. Payment of all applicable fees

Degree Application Procedures

Graduate degree candidates must submit an Application for Graduate Degree during the semester they expect to graduate and by the deadline stated in the on-line Class Schedule at www.utep.edu/center. This form must be completed by the student and approved by the graduate advisor and college dean. The

online class schedule at www.utep.edu/ceyble. This form must be completed by the student and approved by the graduate advisor and college dean. The student must bring the approved form to the Graduate School before the published deadline to allow a complete review of the academic record. The diploma fee and if applicable, the thesis/dissertation University Microfilms on-line publishing fee is billed to the student's Goldmine account upon approval of the Application for Graduate Degree.

The Application for Graduate Degree is only valid for one semester. If the student does not graduate on the date specified in the application the student must resubmit an Application for Graduate Degree. Graduation fees are non-refundable.

Posthumous Degree

A posthumous degree may be awarded only if the student was enrolled in courses that would have allowed the student to complete all work for the degree, and if the student had the appropriate grade point average (GPA) in the required areas. For further details, students should contact the Graduate School at (915) 747-5491.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Academic Regulations

Whats Inside

- [Admission](#)
 - General Admission Requirements
 - Acceptance into a Graduate Program
 - Re-Admission into Graduate School
 - Non-degree Admission
- [Registration and Records](#)
 - Registration
 - Late Registration
 - Audit Registration
 - Dropping Courses
 - Withdrawal from University
- [Admission](#)
 - General Admission Requirements
 - Acceptance into a Graduate Program
 - Re-Admission into Graduate School
 - Non-degree Admission
- [Registration and Records](#)
 - Registration
 - Late Registration
 - Audit Registration
 - Dropping Courses
 - Withdrawal from University
- [Curriculum and Classroom Policies](#)
 - Course Information
 - Grades and Grade Point Averages
 - Textbook Policy
- [Student Educational Records](#)
 - Family Educational Rights and Privacy Act (FERPA)
 - Disclosure for Directory Information
- [Curriculum and Classroom Policies](#)
 - Course Information
 - Grades and Grade Point Averages
 - Textbook Policy
- [Student Educational Records](#)
 - Family Educational Rights and Privacy Act (FERPA)
 - Disclosure for Directory Information







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Admission

Qualified graduate applicants may apply for admission to The University of Texas at El Paso as either degree-seeking (master's or doctoral degree) or for non-degree study (certification or endorsement, completing prerequisite course work for later graduate study, or taking courses for personal or educational enrichment). All applications of students, who hold a four year baccalaureate degree, or its equivalent, must be submitted through the Graduate School except for applicants pursuing a second or subsequent undergraduate degree. Degree programs differ in the specific requirements and guidelines for admission. The Graduate School makes determinations regarding admissions on the basis of recommendations from the relevant master's or doctoral program.

GENERAL ADMISSION REQUIREMENTS

The following documents must be submitted to the Graduate School for consideration for admission into a graduate degree program:

1. Completed application for admission.
2. Application/processing fee (\$45 US citizens or Permanent residents/Mexican nationals, \$80 International applicants).
Note: Application fees are subject to change due to legislative and/or institution action and become effective when enacted.
3. An official transcript, with the four year baccalaureate degree posted, from the degree-granting institution and copies of transcripts for all other relevant upper-division and graduate work at accredited U.S. institutions or equivalent work and degrees at foreign institutions. The application process can begin with copies of transcripts. Individual programs may have additional requirements. Students who apply to receive educational benefits through the Department of Veterans Affairs should, in addition to the above requirements, submit copies of transcripts from all other colleges and universities previously attended.
4. For graduates of institutions outside of the United States where English is not the first language, a minimum score of 213 (550 paper based exam) on the Test of English as a Foreign Language (TOEFL). Particular programs may have different minimum score requirements and in some cases alternative assessments of English language competency may be considered. Applicants should note that appointment to a graduate assistant ship usually requires a score of 250 (600 paper based). Official test scores must be sent directly from the testing agency to the Graduate School.
5. Evidence of satisfactory academic achievement and potential. This will usually be assessed by review of performance in upper division (junior and senior level) courses as well as any graduate-level courses completed. In addition, many programs consider results on standardized tests, including the GRE, GMAT, and Miller Analogies Test, in making recommendations for admission. Official test scores must be sent directly from the testing agency to the Graduate School. Specific programs may require other evidence of academic performance and promise including interviews, personal statements, and letters of recommendation. Programs that consider results on standardized tests will also consider other information regarding the applicant's background where that is available.
6. Evidence of adequate subject preparation for the proposed graduate major.
7. Certain programs require students to submit to and satisfactorily complete a background check review as a condition of admission and/or participation in education experiences. Students who refuse to submit to a background check or who do not pass the background check may be dismissed from the program.

The Graduate Studies Committee of the proposed graduate major will recommend to the Graduate School acceptance, conditional acceptance, or rejection of the application after all required documents have been received and reviewed by the Graduate School. The Graduate School approves these recommendations and notifies the applicant of the final decision.

Graduate Entrance Examinations

As part of graduate admission requirements, students may be required to take one or more standardized tests:

Graduate Record Examination General Test

The General Test of the Graduate Record Examination (GRE) is designed to test preparation and aptitude for graduate study. Many degree programs require the GRE for admission. The GRE is taken at the applicant's expense at licensed sites. The exam is not offered on campus.

Graduate Management Admission Test

The Graduate Management Admissions Test (GMAT) is an aptitude test designed to measure certain mental abilities important in the study of management at the graduate level. The GMAT is taken at the applicants expense at licensed sites. The exam is not offered on campus.

Miller Analogies Test

The Miller Analogies Test (MAT) is a high-level mental ability test designed to reflect analytical thinking skills, an ability that is critical for success in graduate school. The MAT is taken at the applicant's expense at licensed sites. The exam is offered on campus.

Test of English as a Foreign Language

The TOEFL is designed to measure proficiency in understanding the English language. For graduates of institutions outside of the United States where English is not the first language, a minimum score of 213 is required (550 paper based exam) on the TOEFL. Particular programs may have higher minimum score requirements and in some cases alternative assessments of English language competency may be considered. Applicants should note that appointment to a graduate assistant ship usually requires a score of 250 (600 paper based). Official test scores must be sent directly from the testing agency to the Graduate School.

Student Assessment and Testing Office

The Student Assessment and Testing Office provides a wide array of testing services for admissions, professional certification, course placement, and credit by examination purposes. Institutional administrations of the TOEFL are offered throughout the year; TOEFL tests taken at UTEP are only valid at UTEP.

Transfer of Credit

Except for shared/co-operative programs, most work done for a graduate degree must be done at the University. For a masters degree, usually 6 semester hours of graduate work may be transferred from another accredited institution. Doctoral students are advised to consult their respective doctoral program for information on transfer of credit. All course work transferred from other accredited institutions requires both the approval of the committee on graduate studies in the student's major area and the Dean of the Graduate School. In cases where such transfer is approved, the student must still meet the residence requirements of two full semesters or the equivalent and coursework must fall within the six-year time period.

- Only graduate level courses may be transferred for credit.
- Courses used to fulfill other degree requirements may not be transferred.
- Courses for which a grade of "C" or lower was earned may not be transferred.
- Correspondence courses are not accepted for graduate credit.

All documents submitted to the University for Transfer Work purposes become part of the official files of the University and cannot be released or returned to the student or another institution.

Academic Fresh Start Program

Undergraduate Programs

An applicant for undergraduate admission who is a Texas resident may elect to enter this institution pursuant to the Academic Fresh Start statute, Texas

Education Code, §51.931. When the applicant informs the Admissions Office in writing of the election, the institution will not consider in the admissions decision any academic course credits or grades earned by the applicant 10 or more years prior to the starting date of the semester in which the applicant seeks to enroll. An applicant who elects to apply under this statute may not receive any course credit for courses taken 10 or more years prior to enrollment under Academic Fresh Start.

Non-degree/Professional Programs

An applicant who has earned a baccalaureate degree under the Academic Fresh Start statute, Texas Education Code, §51.931, and applies for admission to a non-degree or professional program, will be evaluated on only the grade point average of the course work completed for that baccalaureate degree and the other criteria stated herein for admission to the non-degree or professional program.

ACCEPTANCE INTO A GRADUATE PROGRAM

Acceptance

Applicants who are judged to meet the requirements for admission into a graduate degree program may be accepted into the program without conditions.

Conditional Acceptance

Conditional acceptance is offered to students who do not meet all of the specific criteria for admission but who show promise of success in graduate study. Applicants who lack sufficient foundation in the proposed area of study may be required to successfully complete designated courses before qualifying for unconditional admission. Other applicants may be required, on the recommendation of the graduate advisor, to meet particular conditions during the first semester of study. Among the factors that programs may take into account in recommending conditional admission to the Graduate School are the applicant's academic record, the socio-economic background of the applicant, the native language of the applicant, the applicant's involvement in relevant community or extracurricular activities, a personal interview, and other material that the candidate may submit that provides evidence that the candidate would make an important contribution to the program or university's objectives and mission. An applicant, who is accepted conditionally, must remove conditions within one semester.

Rejection

An applicant who fails to meet the minimum requirements for admission to a degree program will usually be denied admission into that program. An applicant meeting the requirements for admission may be denied by the Graduate Studies Committee of the proposed major if the number of qualified applicants exceeds the number of students that can be accommodated in the available facilities or that can be adequately instructed by the available faculty. A student who has been rejected may reapply at a later time, may apply to another program, or may apply as a non-degree student.

RE-ADMISSION INTO GRADUATE SCHOOL

An application for readmission is required for a student who

- has not enrolled for one year or more,
- was not accepted at an earlier date and wants to pursue admission into the same or a different field based on revised criteria or more current documentation, or
- was eligible to enroll, and failed to do so.

A student already accepted into a program and interested in changing the major field of study must reapply for admission. Accepted students must be enrolled for one full semester in their current program before they can reapply for admission to a new program. Application fees are assessed. If extenuating circumstances exist, a student may request a Leave of Absence. Requests are made by the graduate advisor to the Graduate School for final approval.

READMISSION OF STUDENT WHO WITHDRAWS TO PERFORM ACTIVE MILITARY SERVICE

(a) This section applies only to a student who withdraws from an institution of higher education to perform active military service as a member of the United States armed forces or the Texas National Guard. This section does not apply to a student who withdraws from an institution solely to perform one or more training exercises as a member of the Texas National Guard.

(b) For any academic term that begins after the date a student described by Subsection (a) is released from active military service but not later than the first anniversary of that date, the institution of higher education from which the student withdrew shall readmit the student, without requiring reapplication or charging a fee for readmission, if the student is otherwise eligible to register for classes at the institution. On readmission of the student under this subsection, the institution shall:

- (1) provide to the student any financial assistance previously provided by the institution to the student before the student's withdrawal if the student meets current eligibility requirements for the assistance, other than any requirement directly affected by the student's service, such as continuous enrollment or another similar timing requirement; and
- (2) allow the student the same academic status that the student had before the student's withdrawal, including any course credit awarded to the student by the institution.

(c) An institution of higher education may adopt rules requiring reasonable proof from a student of the fact and duration of the student's active military service.

NON-DEGREE ADMISSION

An individual who has received a baccalaureate degree but who does not wish to apply for admission into a graduate degree program may apply for admission as a non-degree student. This type of admission is available to individuals who wish to obtain teacher certification or endorsement, graduate certificates, post-master's endorsement or to complete prerequisite work to demonstrate their ability to do graduate level coursework.

Interested individuals must complete an application for admission and must submit to the Graduate School an official transcript with the baccalaureate degree posted. If several institutions were attended, copies of those transcripts are required from each institution from which relevant junior/senior level credit and any graduate level credit were earned. UTEP transcripts are not required of students who received their baccalaureate degree from UTEP.

Initial teacher certification and professional certification for classroom teachers can also be earned. Eligibility for these programs includes a minimum 2.5 cumulative grade point average from an accredited college or university, successful completion of THEA (Texas Higher Education Assessment), and development of an approved plan of study. Eligible applicants for certification and endorsement programs will be notified that they may enroll but will need to contact the Certification Office in the College of Education immediately for eligibility into one of several certification or endorsement programs. The Certification Office and the College of Education are responsible for course scheduling and may require a minimum enrollment per term for admitted students. This Office additionally will develop a plan of study for each student in keeping with the requirements set forth by the Texas Education Agency (TEA). The certification or endorsement will be earned upon successful completion of all requirements.

Graduate-level course work completed during the certification or endorsement program that has not been used to meet other degree requirements may be recommended by the departmental graduate advisor to the Graduate School to count toward an advanced degree under certain circumstances. These courses are limited to a maximum of nine (9) semester hours in which the grade of "B" or higher has been earned within the time limits and other restrictions detailed in this catalog. Additional information on certification and endorsement programs is available from the Certification Office within the College of Education and the Graduate School.

Non-degree admission is not available to international students who need a visa (I-20) to attend school in the United States unless approved by the Office of International Programs. Non-degree students are ineligible to receive any type of federal or institutional financial aid, including VA benefits. Non-degree students are not eligible to be teaching assistants, assistant instructors, graduate research assistants, academic assistants or graduate assistants. Enrollment as a non-degree student is limited to nine hours.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Registration and Records

123 Academic Services Building
Phone: (915) 747-5544
Fax: (915) 747-8764
registrar@utep.edu
www.utep.edu/register

REGISTRAR: Miguel Sifuentes

The Registration and Records Office houses several functions: 1) **Scheduling** coordinates faculty and classroom assignments; 2) the **Registration and Records Office** is responsible for the maintenance of student records and all registration transactions. Including enrollment verifications, transcript requests, graduation applications, and diplomas

REGISTRATION

Registration is a process every student must successfully complete each semester. Although every effort is made to advise students academically, final responsibility for registration rests with the student. Students can attend only those classes for which they are officially enrolled. A student is not enrolled in a course and will not receive a grade for it unless the proper tuition and fees are paid by the deadlines published in the on-line Class Schedule at www.utep.edu/register or unless arrangements have been made for deferral of payment with the Student Business Services Office. If after census day, a student continues to attend classes even after their class schedule was canceled due to no payment of tuition and fees, or a student attends a course(s) that they are not officially registered in, the student must obtain approval from the instructor(s) to enroll in the course(s). After the semester is closed the student must obtain approval from the instructor(s) and department chair(s) to enroll in the course(s) no later than 90 days after the end of the term for which the approval is being requested. All approvals must be forwarded to the Registration and Records Office. The student will be responsible to pay the proper tuition and fees, and any late fees associated to the late enrollment. After registration, enrollment can be verified by the Registration and Records Office. After registration, class enrollments can be verified by the Registration and Records Office

LATE REGISTRATION

Any student who, with proper permission, registers after the scheduled days for regular registration will be required to pay a special charge of \$20.00 for the late Web registration process, \$30.00 for in-person late registration, and \$50.00 on or after the first official school day of class. A new student will have the late registration fee waived as long as registration is made prior to the first official school day of class. Late registrants are subject to the same regulations and course requirements as students who enroll on time. Classes missed because of late registration will be counted as an absence, and class or laboratory work missed will be counted as a zero unless the instructor grants permission to make up the work. Any student who has been withdrawn and has his schedule reinstated after census day will be assessed a \$200 reinstatement fee.

AUDIT REGISTRATION

Courses may be audited under the following provisions:

1. Students should complete an Audit Registration form for each course to be audited after classes have begun and prior to the 'Census Day' of the long semester. This form must be signed by the instructor teaching the course and by the department chair and then taken to Student Business Services in the Academic Services Building for payment.
2. No grades will be assigned, and no credit will be awarded for audited courses. The extent of class participation is at the discretion of the instructor.
3. Credit by examination for audited courses will not be permitted unless tuition and all appropriate fees are paid before the exam is taken.
4. The following courses cannot be audited: clinical, laboratory, studio activity, any physical activity class (such as PE or Dance), individual instruction, private lessons, or courses specified in the degree plan. It is the student's responsibility to verify that the course being audited is not within the excluded categories. Audit Registration fees will not be refunded for a class in an excluded category.
5. Audit-only students must purchase a Library community user card and a parking decal to park on UTEP property. Other student benefits such as tickets to events, student health services, access to the Swimming and Fitness Center, or a student ID are not available to audit-only students. Existing student IDs will not be activated for any semester in which a student is in an audit-only status.
6. Audit fees:
 - a. \$10.00 per course for students concurrently enrolled at UTEP.
 - b. \$30.00 per course for students not concurrently enrolled at UTEP.
 - c. No charge for students over 65 years of age.
7. Students should not register for courses they plan to audit. Course registration does not guarantee a seat as an auditor. Registering for the course will result in assessment of regular tuition and fees, in addition to the audit fees noted above.

DROPPING COURSES AND COMPLETE WITHDRAWALS

Students may drop individual courses or completely withdraw from the University as described below. Refer to the on-line Academic Calendar at www.utep.edu/Calendar or to the on-line Class Schedule at www.utep.edu/register to identify the dates during which adds, drops, withdrawals, and pass/fail registration changes may occur.

DROPPING COURSES

Student-initiated Drops

It is the student's responsibility to officially drop a course that s/he no longer wishes to take. Failure to do so may result in a grade of "F" on the student's academic record. Athletes must receive permission from the Miner Athletic Advising Center before dropping a course. International students with F or J visas must receive permission from the Office of International Programs before dropping a course.

Administrative Drops

During registration periods for upcoming semesters, students will be dropped from registered courses for failure to meet prerequisites or co-requisites after final grades have been posted for the current semester and before the beginning of late registration for next semester. A student may petition the department chair of the course in question for a pre-requisite or co-requisite waiver.

At the discretion of the instructor, a student may be dropped from a course because of excessive absences or lack of effort. A grade of "W" will be assigned before the course drop deadline and a grade of "F" after the course drop deadline. A grade of "F" received due to disciplinary action imposed by the University overrides a grade of "W" received through a student-initiated or faculty drop. Students will be notified of their drop through their UTEP e-mail account.

Students may also be administratively withdrawn from a course during the semester for other reasons, with the concurrence of the instructor and department chair, or dean. Approved requests will be forwarded to the Registration and Records Office for processing.

Students are responsible for checking their class schedules in Goldmine and for checking their official UTEP preferred e-mail accounts to determine if they have been dropped from a class.

Complete Withdrawal from All Courses for the Semester

Students who withdraw from all courses for the semester must do so in person through the Registration and Records Office. Students who cannot drop in person may submit a fax with signature and picture ID to (915) 747-8764 or an e-mail using their UTEP e-mail account to registrar@utep.edu. Athletes must receive permission from the Miner Athletic Advising Center before dropping all classes. International students with F or J visas must receive permission from the Office of International Programs before dropping all classes. Students receiving financial aid or student loans must clear through the Financial Aid Office. Students who drops all courses for the semester and re-enroll the following semester, are allowed to re-enroll based on their last academic standing as described in the Standards of Academic Performance section of this catalog. Students who were enrolled in professional programs such as Social Work, Clinical Laboratory Science, Nursing, Occupational Therapy, Physical Therapy, and Speech-Language Pathology should check with their major department to determine their eligibility for re-enrollment in the program. A student who withdraws from all classes for the semester immediately loses access to services and privileges available to enrolled students. Financial information concerning drops and withdrawals can be found in the **Refund of Tuition and Fees** section of this catalog

Complete Withdrawal Due to Academic Performance

After final grades have been posted for the current semester, and before late registration begins for the next semester, students whose academic standing makes them ineligible to re-enroll will be withdrawn from all their classes for the next semester. For further details, refer to the Standards of Academic Performance section in this catalog.

Complete Withdrawal Due to Medical Reasons

A student who must withdraw completely due to medical reasons must submit a letter to the Student Business Services Office from the attending physician, clinical psychologist, or licensed clinical practitioner on official letterhead with an original signature, stating the date(s) within the semester that the student was under medical care and that the student must withdraw due to the medical condition. This letter must be submitted within the semester, or no later than 90 days after the end of the term for which the withdrawal is being requested. If the student is unable to act on his or her own behalf, a representative may do this for the student.

Complete Withdrawal Due to Medical Conditions of a Family Member

A student who must withdraw completely due to a medical condition of an immediate family member must submit a letter to the Student Business Services Office from the family member's attending physician, clinical psychologist, or licensed clinical practitioner. The letter must be submitted on official letterhead with an original signature, state the date(s) within the semester that the student's immediate family member was under medical care, and confirm that the student must withdraw to attend to the immediate family member's medical condition. This letter must be submitted within the semester (or no later than 90 days after the end of the term for which the withdrawal is being requested). If the student is unable to act on his or her own behalf, a representative may do this for the student. "Immediate family member" may be defined as a husband, wife, parent, sibling, child, legal guardian, or grandparent; other relationships may be considered on a case by case basis.

Complete Withdrawal Due to Death of a Family Member

A student who must withdraw because of the death of an immediate family member must submit an official death certificate to the Student Business Services Office during the semester (or no later than 90 days after the end of the term for which the withdrawal is being requested). "Immediate family member" is defined as a husband, wife, parent, brother, sister, son, daughter, legal guardian, or grandparent. Once documentation has been received, the student will be withdrawn and grades assigned.

Complete Withdrawal Due to Death of Student

Upon the death of a student, the student's parent, spouse or legal guardian must submit an official death certificate to the Student Business Services Office within the semester (or no later than 90 days after the end of the term), so that the student can be withdrawn from all classes and grades assigned.

Complete Withdrawal Due to Active Military Service

Students who have to withdraw because they have been called to active military service must provide a copy of their military orders covering the affected semester to the Student Business services Office. Grades will be assigned as described below. Military personnel may select one of the withdrawal options below according to the Texas Education Code, Chapter 54, Subchapter A, Sec. 54.006:

1. receive a refund of the tuition and fees paid for the withdrawn semester (see NOTE below);
2. if eligible, receive grades of Incomplete (I) from instructors, with the notation "Withdrawn – Military" appearing on the academic transcript (see section on Incomplete or In-progress Work in this catalog); or
3. receive an appropriate final grade or credit if the instructor determines that a substantial amount of coursework has been satisfactorily completed and sufficient mastery of the course material has been demonstrated. With this option, the student will not be eligible for a full refund of tuition and fees.

Request for complete withdrawals, with the required documents, related to medical reasons, medical conditions of a family member, death of a family member, active military service, and death of a student, will only be accepted if received within 90 days after the end of term for which the withdrawal is being requested. After 90 days a full refund of tuition and fees will not be approved.

Grade Assignment for Drops, Withdrawals, and Complete Withdrawals

Grades will be assigned as follows when a student drops a course or completely withdraws from the University:

1. If a student drops a course or all courses before the official census date of a semester, neither the course nor a grade will appear on the student's academic record.
2. If a student withdraws from a course or all courses after the census date but before the student-initiated course drop deadline listed in the Class Schedule, a grade of "W" will be assigned.
3. If the student withdraws from a course or all courses after the student-initiated course drop deadline, the student must contact the instructors. The instructors will determine the appropriate grade of "W" or "F" for each course. A grade of "W" is considered only under exceptional circumstances and must be approved by the instructor and department chair for the course. A student may need to petition the instructor for a grade of "W" in writing with the necessary supporting documentation.
4. Complete withdrawals related to medical reasons, medical conditions of a family member, death of a family member, active military service, and death of a student will be assigned a grade of "W".





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Curriculum and Classroom Policies

COURSE INFORMATION

Course Numbering System

Each course offered by The University of Texas at El Paso is identified by a four-digit course number. The first number indicates the level: 0 = developmental, 1 = freshman, 2 = sophomore, 3 = junior, 4 = senior, 5 or 6 = graduate. The second number indicates the semester hour value of the course. The last two numbers identify the course within its particular department.

- **Lower-Division Courses** are designated by a 1 or 2 as the first digit of the course number.
- **Upper-Division/Advanced Courses** are designated by a 3 or 4 as the first digit of the course number. The student should refer to the departmental and college requirements for specific conditions, if any, imposed on registration in advanced courses.
- **Graduate Courses** are designated by a 5 or 6 as the first digit of the course number.

Courses Taken on a Pass/Fail Basis

A student may elect to take an S or U (Pass/Fail) grade in a course, but this course cannot count as deficiency work or as a part of the minimum requirements for a degree except for internships and practica when designated by the department. The Pass/Fail option must be requested by or before the date listed in the online Class Schedule at www.utep.edu and is not available for all courses. Check with the appropriate academic department for a listing of these courses.

Courses Counted for Another Degree

No course counted toward another degree may be counted toward a graduate degree, either directly or by substitution.

Reserving Courses for Graduate Credit

Undergraduate students are not eligible to enroll in graduate level courses but under certain conditions, may request permission from the Graduate School to enroll in the graduate level courses. The undergraduate student must submit a graduate advisor and college dean approved Reservation for Graduate Credit form to the Graduate School. If approved, registration is processed by the Graduate School. Credit for graduate courses cannot be counted toward a baccalaureate degree; it can only be reserved for credit toward a graduate degree. A student who has a baccalaureate degree is not eligible to reserve courses for graduate credit unless enrolled at the undergraduate level working toward a second baccalaureate degree. The form for reserving courses is available at the Graduate School website. Approval to reserve work for graduate credit neither constitutes nor implies admission to any graduate program.

1. The undergraduate must not lack more than 12 semester hours (or six semester hours in summer session) of work to complete all requirements for the baccalaureate degree and must have a grade point average of at least 3.0 in junior and senior-level courses.
2. These 12 hours (or less) must be completed in the same semester or summer session in which the graduate course(s) are taken.
3. Total enrollment for all work must not exceed 15 semester hours (or 9 hours in a summer session).
4. All requests for enrollment in graduate courses must be approved by the departmental graduate advisor, college dean and the Graduate School.
5. Graduate Research, Individual Studies or Seminar courses cannot be reserved for graduate credit.
6. This option is limited to one term.

Class Attendance

The student is expected to attend all classes and laboratory sessions. It is the responsibility of the student to inform each instructor of extended absences. When in the judgment of the instructor, a student has been absent to such a degree as to impair his or her status relative to credit for the course, the instructor may drop the student from the class with a grade of "W" before the course drop deadline and with a grade of "F" after the course drop deadline.

Excused Absences for University-Recognized Activities

Students who will be absent while representing the University in officially recognized University activities (sports, band, forensics team, etc.) must notify the Office of Student Life not less than ten days prior to the absence. The Assistant Vice President for Student Life will provide the student with a letter of excuse for the professors. It is the student's responsibility to give the letter to the professors prior to the official recognized activity. Students following these procedures will be permitted to make up both assignments and examinations in consultation with faculty.

Absence for Religious Holy Days

"Religious holy day" means a holy day observed by a religion whose places of worship are exempt from property taxation under Section 11.20, Tax Code. Section 51.925 of the Texas Education Code related to absences by students for observance of religious holy days states that the institution shall excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence. The student must provide written notice to the instructor of each course that he/she will be absent for a religious holy day not less than 10 days prior to the absence. If a student and an instructor disagree about the nature of the absence being for the observance of a religious holy day as defined therein, or if there is similar disagreement about whether the student has been given a reasonable time to complete any missed assignments or examinations, either the student or the instructor may request a ruling from the Provost or his or her designee. The student and instructor shall abide by the decision of the Provost or his/her designee.

Military Leave

Section 51.9111, Texas Education Code, provides that students be excused from scheduled classes or other required activities if the student is called to and participates in active military service for a reasonably brief period and that the student shall be allowed to complete an assignment or exam within a reasonable time after the absence. The excused absence is permitted only if the student will not miss more than 25% of the total number of class meetings or the contact hour equivalent (not including the final examination period) for the specific course or courses in which the student is enrolled at the beginning of the period of active military service.

Students called to active military service must provide a copy of their military orders to the instructor of each course. Further information is available under Complete Withdrawal Due to Active Military Service.

Absence from Examinations

A student absent from a test during the semester is graded zero unless another policy is set by the instructor.

Dead Day

This specific day will be scheduled one day after the last day of classes only during the fall and spring semesters. The Following policy will be observed:

1. No classes will be held on this day, except classes which meet once a week on that day.
2. Make-up exams should be left to the discretion of each individual instructor;
3. All student work (i.e., research papers, lab reports, term paper, etc.) should be due prior to this day.

3. All student work (i.e., research papers, lab reports, term paper, etc.) should be due prior to this day.
4. If a comprehensive final is given, no new material, quizzes, or exams should be given two calendar days prior to Dead Day, and attention should be given to reviewing of semester material. Implementation of this recommendation is to be left to the discretion of the individual instructor.

Academic Integrity

The University of Texas at El Paso prides itself on its standards of academic excellence. In all matters of intellectual pursuit, UTEP faculty and students must strive to achieve excellence based on the quality of work produced by the individual. In the classroom and in all other academic activities, students are expected to uphold the highest standards of academic integrity. Any form of scholastic dishonesty is an affront to the pursuit of knowledge and jeopardizes the quality of the degree awarded to all graduates of UTEP. It is imperative, therefore, that the members of this academic community understand the regulations pertaining to academic integrity and that all faculty insist on adherence to these standards.

Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, and any act designed to give unfair advantage to a student or the attempt to commit such acts. Proven violations of the detailed regulations, as printed in the *Handbook of Operating Procedures* (HOP) and available in the Office of Student Life and the homepage of The Office of Student Life at www.utep.edu/dos, may result in sanctions ranging from disciplinary probation, to failing a grade on the work in question, to a failing grade in the course, to suspension or dismissal, among others.

GRADES AND GRADE POINT AVERAGES

Graduate students must maintain a 3.0 or higher cumulative GPA in both their major field and in any and all upper-division undergraduate and graduate-level work. Credit is given in the Graduate School for the grades "A," "B," and "C" only.

In some courses, the standard grading system is not practical; such grades are not used to compute the GPA. These grades include "I"(incomplete), "P" (in progress), "W" (withdrawal), and "S" or "U"(pass/fail).

For information on the grade appeal process, students should refer to the Student Grievance Procedures in the Student Life Policies and Procedures section of this catalog.

Incomplete or In-Progress Work

Assignment of the grade "I" (Incomplete) is made only in exceptional circumstances. The time span allowed for the works completion cannot exceed one calendar year. In no case may repetition of the course be assigned as work to be completed. If the work has not been completed at the end of the specified time, the "I" will be changed to an "F."

A student will not be cleared for graduation until all Incompletes, regardless of whether or not the courses are required for the degree, have been eliminated from the record. The student will be cleared for graduation at the end of the term that the Incomplete is removed from the academic record which may be different from the intended term of graduation as indicated on the Application for Graduate Degree.

The grade of "P" (in progress) is limited to specific courses in which re-enrollment is required. This includes all thesis/dissertation courses (5398-5399, 6320-6321, 6398-6399), graduate internships, and a few specified graduate courses. In appropriate courses, a standard grade may be assigned in graduate internship courses instead of a "P".

Grade Changes

Graduate students must submit a written request for a grade change to the faculty of record as soon as possible after the receipt of the grade but not later than one year after the semester in which the course in question was taken. A graduating student must request a grade change within three months after the last day of final examinations of the last semester enrolled. After this time, all grades become part of the student's official academic history and cannot be altered. A grade change must be approved by the faculty of record, the department Chair and the college Dean. Additional approval is required from the Graduate School for thesis/dissertation and project courses (5396-5397, 5398-5399, 6320-6321, 6398-6399). Students will receive notification of approved changes. Exceptions to the grade change policy will be at the discretion of the faculty member, department chair, and final approval from the academic dean. Grades may be changed as a result of (1) grade changes initiated by the instructor and approved by the appropriate department Chair and the college Dean, (2) grade change initiated by the department chair for cases where the instructor is no longer affiliated with the University and cannot be contacted and there exists clear and convincing evidence for a grade change, (3) grade change due to disciplinary action imposed by the Office of Student Life or Hearing Officer for violation of University rules, or (4) action taken by the Student Welfare and Grievance Committee in grade appeal procedures.

Grades determined as a result of actions taken in items (3) or (4) above are final and not subject to change. No other grade change shall occur without the consent of the instructor. The Registrar shall notify the student and the instructor of any change of grade.

Academic Standing

Students admitted into graduate programs must remove all admissions conditions within one semester. Failure to meet conditions within one semester may result in dismissal from the Graduate School.

Students admitted into a graduate program must maintain a 3.0 or better cumulative grade point average in all courses. This includes any undergraduate courses taken for leveling purposes.

Non-degree, Teacher and Professional certification and/or endorsement students must maintain a cumulative grade point average of 2.5 or higher.

Individual departments may impose more rigorous grading standards.

Academic Probation and Dismissal

A student admitted into a graduate program whose cumulative grade point average drops below 3.0 will be placed on academic probation. The student must return the cumulative grade point average to a 3.0 by the next nine hours of study. Failure to meet the 3.0 grade point average requirement during the probationary period will result in dismissal from the Graduate School.

A dismissed student will remain on suspension for one full semester before appealing for reinstatement. Appeals for reinstatement are submitted by the respective Graduate Studies Program Committee to the Dean of the Graduate School. Only the Dean of the Graduate School can approve reinstatement of dismissed students.

Appeals must include a plan of action describing intervention to ensure student success. If readmitted, the student must raise the cumulative grade point average to a 3.0 by the end of the first semester of reinstatement or face permanent dismissal from the Graduate School.

Non-degree, Teacher and Professional certification and/or endorsement students whose cumulative grade point averages drop below 2.5 will be placed on academic probation. The cumulative grade point averages must be raised to at least a 2.5 by the end of the next nine hours of study. Failure to meet the 2.5 grade point average requirement during the probationary period will result in dismissal from the Graduate School.

Dismissed non-degree, teacher and professional certification and/or endorsement students will remain on suspension for one full semester before appealing for reinstatement. Appeals for reinstatement are submitted by the respective college dean to the Dean of the Graduate School. Only the Dean of the Graduate School can approve reinstatement of dismissed students.

TEXTBOOKS

A student of this institution is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may be available from an independent retailer, including an online retailer, per Texas Education Code 51.9705.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Student Educational Records

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

The Family Educational Rights and Privacy Act (FERPA), 20 U.S.C. §1232g and the *Texas Public Information Act*, Texas Government Code, § 552.001 et seq. are federal and state laws that provide students with the following rights with respect to their student educational records:

- to inspect and review the student's education records
- to consent to disclosure of the student's education records to third parties, except to the extent that FERPA authorizes disclosure without consent
- to request amendment of the student's education records to ensure that they are not inaccurate or misleading
- to be notified of the student's privacy rights under FERPA
- to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA.

The University of Texas System and The University of Texas at El Paso have implemented a student records policy that adheres to these laws.

Annual Notification

The University will notify its students annually of their rights according to FERPA and of the procedures for exercising their rights.

Definitions

A "student" is an individual who is or who is attending or has attended The University of Texas at El Paso. It does not include individuals who have been admitted but have not attended. "Attendance" includes attendance in person, by correspondence, online, and during periods when the student is working on an internship program.

"Education Records" include records directly related to a student that are maintained by the University. Education records do not include:

- Records of instructional, administrative, and educational personnel that are in the sole possession of the maker (i.e. file notes of conversations), are used only as a personal memory aid, and are not accessible or revealed to any individual except a temporary substitute
- Records of the University campus police
- Student medical and counseling records created, maintained, and used only in connection with provision of medical treatment or counseling to the student, that are not disclosed to anyone other than the individuals providing the treatment. (While a student may not inspect his or her medical records, these records may be reviewed by a physician of the students choice)
- Employment records unrelated to the students status as a student
- Alumni records.

"Directory Information" means information in a student's education record that would not generally be considered harmful or an invasion of privacy if disclosed. UTEP designates the following minimum information as directory information: student's name; local and permanent address; e-mail address; telephone number; date and place of birth; field of study; dates of attendance; enrollment status; student classification; degrees, certificates and awards (including scholarships) received; photographs; participation in officially recognized activities and sports; weight and height of members of athletic teams; and the most recent previous educational agency or institution attended.

"University official with a legitimate educational interest" is a person employed by the University in an administrative, supervisory, academic, or support staff position (including law enforcement unit and health staff); a person or company with whom the University has contracted or affiliation (such as an attorney, auditor, collection agent or clinical facility); a member of Board of Trustees; or a person assisting another university official in performing his or her tasks; who needs to review an education record in order to fulfill his or her professional responsibility.

Disclosure of Education Records

Disclosure without Prior Consent of the Student

The University will not disclose personally identifiable information from a student's education records without prior written consent of the student, except as authorized by FERPA. FERPA's authorizations for release without consent include the following:

Directory Information. Directory information (as defined above) may appear in public documents and may otherwise be disclosed without student consent unless a student submits a written request to the registrar during the first 12 days of class of a long semester, or the first day of the minimester, or the first four class days of a summer session, to withhold such information from disclosure. Requests to withhold directory information will be honored by the University until such time that the request is revoked by the student or at the time of death.

University Officials. University officials with legitimate educational interests in the student's education records are allowed access to student education records. Inter-institutional disclosures may be made between institutions that administer or participate in joint programs or activities, in accordance with legitimate educational interest criteria. For example, if a student is concurrently enrolled in one component of The University of Texas and in another institution, or in two components of the University, or receives services from one component of the University and from another institution, or from two components of the University (or UT System), information from the student records of that individual may be disclosed by one University component to the other, or by the University component to the other institution, without obtaining the written consent of the student in accordance with legitimate educational interest criteria. This provision includes institutions participating in UT TeleCampus Programs.

Other Institutions. The University may release a student's education records to officials of other educational institutions in which that student seeks or intends to enroll or is enrolled.

Audit or Evaluation of Federal or State Education Programs. Authorized representatives of the Comptroller General of the United States, the Attorney General of the United States, the Secretary of Education and state and local educational authorities may have access to student records in connection with the audit and evaluation of federal or state supported education programs, or in connection with the enforcement of Federal law which relates to such programs.

Financial Aid. The University may release a student's education records to persons or organizations in connection with that student's application for, or receipt of, financial aid, but only to the extent necessary for such purposes as determining eligibility, amount, conditions, and enforcement of terms or conditions of such financial aid.

State and Local Officials Pursuant to Statute Concerning Juvenile Justice. The University may release education records to state and local officials that are authorized by statute to access student education records to efficiently serve the student.

Organizations Conducting Studies. The University may release a student's education records to organizations conducting studies for, or on behalf of, educational agencies or institutions for the purpose of developing, validating, or administering predictive tests, administering student aid programs, and improving instruction, if such studies are conducted in a manner which will not permit the personal identification of students and/or their parents by individuals other than representatives of the organization, and the information will be destroyed when no longer needed for the purposes for which the study was conducted. The term "organizations" includes, but is not limited to, federal, state, and local agencies, and independent organizations.

Accrediting Organizations. The University may release a student's education records to accrediting organizations in order to carry out their accrediting functions.

Parents of Dependents. Parents of a student who is a dependent for federal tax purposes, as defined by Section 152 of the Internal Revenue Code of 1954, may have access to that student's education records without prior consent of the student. Parents may demonstrate the tax dependency of a student only by submitting to the University a copy of their most recently filed federal income tax return. Alternatively, a student may demonstrate tax dependency, and thus allow parental access to the student's records without prior consent of the student, by submitting to the University a signed statement of his or her tax dependency. If a dependent student's parents are divorced, both parents may have access to the student's records, so long as at least one parent claims the student as a dependent.

Judicial Order or Subpoena. Information concerning a student shall be released in response to a judicial order or lawfully issued subpoena. The University will make reasonable efforts to notify the student of an order or subpoena before complying with it. However, the University shall not notify a student of a subpoena if it is from a federal grand jury or is for law enforcement purposes, and it provides that the University shall not disclose to any person the existence or contents of the subpoena or any information furnished in response to the subpoena. Education records may be disclosed to the U. S. Attorney General or his or her designee in response to an ex parte order concerning an authorized investigation or prosecution of domestic or international terrorism, without prior notice to the student.

Health and Safety. The University may disclose student information to persons in an emergency in order to protect the health and safety of the student or others in the University community.

Disciplinary Hearing Results

Disclosure to Victims: The University may disclose to an alleged victim of any crime of violence (as that term is defined in Chapter 1, Section 16 of Title 18, United States Code), or a non-forcible sex offense, the final results of any disciplinary proceeding conducted by the University against the alleged perpetrator of such crime or offense, regardless of whether the alleged perpetrator was found responsible for violating the University's rules or policies with respect to such crime or offense.

Disclosure to Third Parties: The University may disclose the final results of any disciplinary proceeding against a student who is an alleged perpetrator of any crime of violence or non-forcible sex offense (as those terms are defined in 34 C.F.R. 99.39), if the student is found responsible on or after October 7, 1998, for violating the University's rules or policies with respect to such crime or offense. Such disclosure shall include only the name of the student, the violation committed, and any sanction imposed by the University on that student. Such disclosure may include the name of any other student, such as a victim or witness, only with the written consent of that other student.

Alcohol and Drug Violations. The University may disclose to a parent or legal guardian of a student, information regarding any violation of any federal, state, or local law, or of any rule or policy of the University, governing the use or possession of alcohol or a controlled substance, regardless of whether that information is contained in the student's education records, if the student is under the age of 21 at the time of disclosure to the parent, and the University determines that the student is responsible for a disciplinary violation with respect to such use or possession.

Disclosure to the Student

The student has the right, on request to the appropriate University official, to review all materials that are in the student's education records, except:

- Financial information submitted by the student's parents
- Confidential letters and recommendations associated with admissions, employment or job placement, or honors, to which the student has waived rights of inspection and review (the University is not required to permit students to inspect and review confidential letters and recommendations placed in their files prior to January 1, 1975, provided those letters were collected under established policies of confidentiality and were used only for the purposes for which they were collected)
- Education records containing information about more than one student, in which case the University will permit access only to that part of the record that pertains to the inquiring student.

The Vice President for Business Affairs is the official custodian of UTEP records, and that office maintains a list of those individuals responsible for education records, which are maintained at the campus locations listed below. Requests for access to specific student records should be made in writing to the University official responsible for the particular record. Records covered by FERPA will be made available within forty-five days of the request.

1. Academic Records
Admissions Office: Director
Graduate School: Dean
Registration and Records: Registrar
College, Division, Department, and Faculty Offices
2. Student Services Records
University Counseling Services: Director
Student Development Center: Director
Student Conduct: Office of Student Life
Student Services: Office of Student Life
3. Financial Records
Business Office; Vice President for Financial and Administration
Financial Aid Office: Director
Scholarships Office: Director

Students may request copies of their educational records and this policy. These copies will be made at the student's expense at rates authorized in the Texas Public Information Act except that official transcripts will cost \$ 5.00. Official copies of academic transcripts will not be released for students who have a delinquent financial obligation or financial "hold" at the University.

Disclosure with Prior Consent of the Student

With the student's prior consent, the University will release personally identifiable student information in education records or allow access to those records. Such consent must be written, signed and dated, and must specify the records to be disclosed, the party to whom the records are to be disclosed, and the purpose of the disclosure. Research papers and theses authorized by the student will be available to interested members of the public.

Record of Disclosures

The University will maintain with the student's education records a record for each disclosure request and each disclosure, except disclosures:

- To the student himself or herself
- Pursuant to the written consent of the student
- To University officials with legitimate educational interests
- Pursuant to a law enforcement subpoena and the issuing court or other issuing agency has ordered that the existence or the contents of the subpoena or the information furnished in response to the subpoena not be disclosed or the order is concerning an authorized investigation or prosecution of domestic or international terrorism
- Of directory information.

Requests to Amend Records

A student who believes that his or her education records are inaccurate or misleading, or that the records violate his or her privacy rights, may informally discuss amendment of the record with the University office concerned with the particular record. If agreement is reached with respect to the student's request, the appropriate records will be amended. [Note: The substantive judgment of a faculty member about a student's work, expressed in grades and/or evaluations, is not within the purview of this right to seek amendment of education records.] If the record is not amended pursuant to the student's request, the University will inform the student of its decision and of the student's right to request a formal hearing.

The request must be made in writing to the UTEP Vice President for Business Affairs who, within a reasonable period of time after receiving such request, will inform the student of the date, place, and time of the hearing. A student may present evidence relevant to the issues raised and may be assisted or represented at the hearing by one or more persons of the student's choice, including attorneys, at the student's expense. The hearing officer that will adjudicate such challenges will be appointed by the President. The decision of the hearing officer will be final, will be based solely on the evidence presented at the hearing, and will consist of a written statement summarizing the evidence and stating the reasons for the decision, and will be delivered to all parties concerned. If the decision is in favor of the student, the education records will be corrected or amended in accordance with the decision of the hearing officer. If the decision is unsatisfactory to the student, the student may place with the education records a statement commenting on the information in the records or a statement setting forth any reasons for disagreeing with the decisions of the hearing officer, or both. The statement will be placed in the education records, maintained as part of the student's records, and released whenever the records in question are disclosed. Students who believe that the adjudications of their challenges were unfair or not in keeping with the provisions of the Act may request in writing, assistance from the President of the institution.

Complaints

Complaints regarding alleged violations of the rights accorded by the Federal Family Educational Rights and Privacy Act may be filed with the Family Policy and Regulations Office, US Department of Education, Washington, D.C. 20203.

Disclosure for Directory Information to the Texas Higher Education Coordinating Board (the State of Texas Educational Governing Entity)

FERPA allows, with the student's consent, for the Texas Higher Education Coordinating Board to disclose the number of semester credit hours that the student has taken at The University of Texas at El Paso to other institutions of higher education for the purpose of confirming these hours for transfer and related issues. Students may have all Directory Information withheld by notifying the Registrar and Records Office in writing each semester during the first 12 days of class of along semester, or the first day of the minimester, or the first four class days of a summer session. Requests to withhold directory information will be honored by the University for only the current enrollment period; therefore, a request to withhold directory information to THECB must be filed each semester or session in the Registration and Records Office.

Collection of Personal Information

With few exceptions, under Sections 552.021 and 552.023 of the Texas Government Code, students are entitled at their request to receive and review the information UTEP collects about them. Under Section 559.004 of the Texas Government Code, they are entitled to have The University of Texas at El Paso correct information about them that has been collected and is incorrect, in accordance with the procedures set forth in the University of Texas System Business Procedures Memorandum 32. The information that The University of Texas at El Paso collects will be retained and maintained as required by Texas records retention laws (Section 441.180 et seq. of The Texas Government Code) and rules. Different types of information are kept for different periods of time.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Financial Aid

What's Inside

- [Financial Assistance](#)
 - Merit-Based Awards
 - Need-Based Awards
 - Financial Support
- [Tuition and Fees](#)
- [On-Campus Housing Expenses](#)
- [Residency for Tuition Purposes](#)
 - Student Responsibilities







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Financial Assistance

UTEP's graduate students can finance their education by working and/or by taking advantage of the University's financial assistance awards and programs. Financial aid is divided into the following types: merit-based and need-based. Merit-based awards are granted on the basis of the student's previous academic performance. Need-based aid is awarded according to the level of the student's financial need, with some consideration of the student's past academic performance.

Students subject to selective service registration will be required to file a statement that the student has registered or is exempt from selective service registration in order to be eligible to receive financial assistance funded by State revenue – in accordance with Texas Education Code Sect. 51.9095.

MERIT-BASED AWARDS

Merit-based awards consist of scholarships and fellowships. Scholarships are primarily awarded on the basis of the student's previous academic work but may consider any required test scores. Fellowships are generally awarded according to a student's exceptional academic work and/or previous or proposed research in the student's field of study. For further information, students should contact the Graduate School.

NEED-BASED AWARDS

The Financial Aid Office processes need-based awards. The amount and type of financial assistance provided will be by means of educational loans, grants, need-based scholarships, and student employment (Federal College Work-Study). Certain emergency loan funds or fee exemptions may also be available. Students admitted into graduate programs are eligible if they have documented need, meet academic eligibility criteria, enroll at least half-time basis, and meet the March 15th financial aid application priority date. Financial aid recipients must make satisfactory academic progress in order to maintain award eligibility. Information about financial aid application procedures and standards for academic progress may be obtained from the Financial Aid Office.

FINANCIAL SUPPORT

Limited financial support is also available through research fellowships to participants in sponsored research or other research projects. Fellowship support may qualify for a waiver of non-resident status for tuition purposes. For fellowship and assistantship eligibility, students should contact the academic departments.

The publication *Graduate Assistantships Guide*, available from the Graduate School, provides additional information; <https://www.utep.edu/graduate>.

Graduate Assistantships

Teaching and Research Assistantships may be available based on merit qualifications. Teaching assistants perform assigned instructional duties under the supervision of a faculty member. Research assistantships are highly variable and usually involve assisting a faculty member in the accomplishment of certain research projects. The total of all on-campus student employment is limited to 20 hours per week or less. The application form is available at academic departments and colleges, and should be completed by the student and submitted to the academic department of the student's major. The Graduate Assistantships Guide provides detailed information on eligibility, benefits, and procedures for appointments and is available at the Graduate School; <https://www.utep.edu/graduate>

CRIMINAL BACKGROUND CHECKS

This policy applies to all University or contracted employment positions, whether full-time, part-time or temporary, faculty, staff or student positions, determined to be security sensitive by the University in accordance with Texas Education Code § 51.215(c) and Texas Government Code § 411.094(a)(2), as those sections may be amended from time to time.

Student Employment (Federal College Work-Study Program). The Federal College Work-Study Program provides jobs for students who have documented financial need and wish to earn part of their educational expenses while going to school. Jobs cannot exceed 19 hours per week at both on-campus and off-campus worksites; jobs range from clerical to research. Student employees are paid at the prevailing minimum wage rate as prescribed by federal law. Both graduate and undergraduate students demonstrating financial need are eligible for participation in this program; full-time enrollment is required.

International, second-degree, and certification students, as well as unclassified graduates, are not eligible for the Work-Study Program.

For more information, please visit <https://academics.utep.edu/Default.aspx?tabid=47768>. For work study opportunities, students may use UTEP login information to access the following portal and search for available positions: <https://www.myinterfase.com/utep/student/>.

Additional Employment Opportunities

Information about other forms of employment which may include the Cooperative Education Program, Internships, summer employment, or part-time employment may be obtained from the Career Services Office, Union West Building.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Tuition and Fees Image

THE UNIVERSITY OF TEXAS AT EL PASO
Summary of PROPOSED Tuition and Fee Charges**
2010-2011

Name of Charge	Classification	Residency	Amount	Notes
Tuition:				
	Graduate in Engineering, MASE, ESE Majors	Resident	\$218.78/SCH*	
		Non-Resident	\$528.78/SCH*	
	Graduate in Business	Resident	\$218.78/SCH*	
		Non-Resident	\$528.78/SCH*	
	Graduate in Health Sciences	Resident	\$218.78/SCH*	
		Non-Resident	\$528.78/SCH*	
	Graduate in Nursing	Resident	\$226.78/SCH*	
		Non-Resident	\$536.78/SCH*	
	Graduate in Liberal Arts, Education, or Science	Resident	\$218.78/SCH*	
		Non-Resident	\$528.78/SCH*	
	Tuition for Repeated Undergraduate Hours	Resident	\$318.78/SCH for all colleges except Nursing; \$326.78/SCH for Nursing	Tuition assessed to undergraduates who attempt courses on the third time and thereafter
Required Fees:				
Student Services Fee	All Students	All Students	\$15.00/SCH up to a maximum of \$180.00	A fee to fund student-related services such as intramural activities, student government, disabled student organizations, career services, cheerleaders, student publications, health services, intercollegiate athletics, others as recommended by the Student Service Fee Committee.
Library Fee	Graduate Students	All Students	\$11.75/SCH	A fee to defray the cost of provision of library services as well as the acquisition costs of library materials, on-line services and computer equipment.
Energy Fee	Graduate Students	All Students	\$2.50/SCH	A fee to defray utility expenses
Student Union Fee	All Students	All Students	\$30.00/semester	Fee may be used for finance, construction, operation, and maintenance of a student union building and its programs.
International Education Fee	All Students	All Students	\$4.00/semester	A fee to provide financial assistance to University students participating in international student exchange or study abroad programs.
Recreation Fee	All Students	All Students	\$20.00/semester	A fee to finance construction, maintenance, and operations of new and existing recreation facilities

Registration Fee	All Students	All Students	\$5.00/ semester	and programs. To defray the costs associated with the provision of web enabled and other automated registration related services.
Technology Fee	All Students	All Students	\$17.25/SCH, up to a maximum of \$258.25	To defray the cost of information technology and network services that are related to supporting the University's instructional, academic support and administrative functions.
Health Center Fee	All Students	All Students	\$13.20/ semester	To defray the cost of providing medical services and support to students.
Incidental Fees:				
Variety (See below)	All Students	All Students	Variable	For specific services such as late registration, library fines, add/drop fees, bad check charges, application processing fees, and others as approved by the governing board.
Course Fees:				
Variety (See below)	All Students (depending on courses taken)	All Students	\$10-\$50	Charges in addition to regular tuition for certain course-related materials and/or for individual instruction.
Supplemental Fees:				
Variety (See below)	Students desiring the specific service	All Students	Variable	To defray the costs of providing certain services to students. May include such items as parking fees, orientation fees, and installment tuition fees.

* Tuition and fees are subject to change due to legislative and/or institution action and become effective when enacted.

**Non-resident/international students will be assessed the actual cost of education per semester hour as determined by the Texas Higher Education Coordinating Board.

THE UNIVERSITY OF TEXAS AT EL PASO
PROPOSED Summary of Tuition and Fee Charges for One Semester
2010-2011 Academic Year

Name of Charge	Engineering, MASE, ESE 9 SCH	Business 9 SCH	Health Science 9 SCH	Nursing 9 SCH	Education, Liberal Arts, Science 9 SCH
Resident Tuition ¹	1,969.02	1,969.02	1,969.02	2,041.02	1,969.02
Add: Required Fees ²					
Student Services Fee	135.00	135.00	135.00	135.00	135.00
Library Fee	105.75	105.75	105.75	105.75	105.75
Student Union Fee	30.00	30.00	30.00	30.00	30.00
Registration Fee	5.00	5.00	5.00	5.00	5.00
Energy Fee	22.50	22.50	22.50	22.50	22.50
International Education Fee	4.00	4.00	4.00	4.00	4.00
Recreational Fee	20.00	20.00	20.00	20.00	20.00
Technology Fee	155.25	155.25	155.25	155.25	155.25
Health Center Fee	13.20	13.20	13.20	13.20	13.20
Major Fee	60.00	25.00		107.00	
Subtotal-Required Fees	2,519.72	2,484.72	2,459.72	2,638.72	2,459.72

Add: Average for college and course-related, incidental, and supplemental fees, and/or optional student services fees	75.00	75.00	75.00	75.00	75.00
Total Charges: Tuition plus subtotal-required fees plus averages for college and course related fees and/or optional student services fees	2,594.72	2, 559.72	2,534.72	2,713.72	2,534.72
AVERAGE COST PER SEMESTER CREDIT HOUR	288.30	284.41	281.64	301.52	281.64

¹ Graduate tuition might be twice the statutory rates for undergraduate students. For graduate rates, consult the University *Graduate Catalog* or the most current on-line *Class Schedule* at www.utep.edu/register.

⁴ Required fees, those charged to all students, may be based on semester credit hours or may be per semester. Descriptions of these fees may be found on the following page or in the University catalog.

³ Averages are given for course-related, incidental, and voluntary fees since changes vary according to courses and services chosen. Actual fees are published in the University catalogs and in the *Class Schedules*.

Note: Although unlikely, changes in tuition and fee charges may occur after the information is first published; updated information may be obtained from the Student Business Services Office at (915) 747-5116.

Note: The Texas Legislature does not set the specific amount for any particular student fee. The student fees are authorized by state statute; however, the specific amounts and the determination to increase fees are made by the University administration and the University of Texas System Board of Regents.

Tuition and Fees Increase

Tuition and fees provided herein represent the figures at the time of publication, are subject to change by regental or legislative action and become effective on the date enacted. The Texas Legislature does not set the specific amount for any particular student fee. The student fees assessed above are authorized by state statute; however, the specific fee amounts and the determination to increase fees are made by the university administration and The University of Texas System Board of Regents. Policies governing the payment or refund of tuition, fees and other charges are approved by the Board of Regents of The University of Texas System and comply with applicable state statutes.

PROPOSED TUITION AND REQUIRED FEES 2010-2011

Hrs	Resident in Engineering, MASE, ESE	Resident in Business	Resident in Health Science	Resident in Nursing	Resident in Education, Liberal Arts, Science
1	337.48	337.48	337.48	345.48	337.48
2	602.76	602.76	602.76	618.76	602.76
3	868.04	868.04	868.04	892.04	868.04
4	1,133.32	1,133.32	1,133.32	1,165.32	1,133.32
5	1,398.60	1,398.60	1,398.60	1,438.60	1,398.60
6	1,663.88	1,663.88	1,663.88	1,711.88	1,663.88
7	1,929.16	1,929.16	1,929.16	1,985.16	1,929.16
8	2,194.44	2,194.44	2,194.44	2,258.44	2,194.44
9	2,459.72	2,459.72	2,459.72	2,531.72	2,459.72
10	2,725.00	2,725.00	2,725.00	2,805.00	2,725.00
11	2,990.28	2,990.28	2,990.28	3,078.28	2,990.28
12	3,255.56	3,255.56	3,255.56	3,351.56	3,255.56
13	3,505.84	3,505.84	3,505.84	3,609.84	3,505.84
14	3,756.12	3,756.12	3,756.12	3,868.12	3,756.12
15	4,006.40	4,006.40	4,006.40	4,126.40	4,006.40
16	4,239.43	4,239.43	4,239.43	4,367.43	4,239.43
17	4,472.46	4,472.46	4,472.46	4,608.46	4,472.46
18	4,705.49	4,705.49	4,705.49	4,849.49	4,705.49
19	4,938.52	4,938.52	4,938.52	5,090.52	4,938.52
20	5,171.55	5,171.55	5,171.55	5,331.55	5,171.55
21	5,404.58	5,404.58	5,404.58	5,572.58	5,404.58

Hrs	Non-Resident in Engineering, MASE, ESE	Non-Resident in Business	Non-Resident in Health Sciences	Non-Resident in Nursing	Non-Resident in Education, Liberal Arts, Science
1	672.48	672.48	672.48	680.48	672.48
2	1,247.76	1,247.76	1,247.76	1,263.76	1,247.76
3	1,823.04	1,823.04	1,823.04	1,847.04	1,823.04
4	2,398.32	2,398.32	2,398.32	2,430.32	2,398.32
5	2,973.60	2,973.60	2,973.60	3,013.60	2,973.60
6	3,548.88	3,548.88	3,548.88	3,596.88	3,548.88
7	4,124.16	4,124.16	4,124.16	4,180.16	4,124.16
8	4,699.44	4,699.44	4,699.44	4,763.44	4,699.44
9	5,274.72	5,274.72	5,274.72	5,346.72	5,274.72
10	5,850.00	5,850.00	5,850.00	5,930.00	5,850.00
11	6,425.28	6,425.28	6,425.28	6,513.28	6,425.28
12	7,000.56	7,000.56	7,000.56	7,096.56	7,000.56
13	7,560.84	7,560.84	7,560.84	7,664.84	7,560.84
14	8,121.12	8,121.12	8,121.12	8,233.12	8,121.12
15	8,681.40	8,681.40	8,681.40	8,801.40	8,681.40
16	9,224.43	9,224.43	9,224.43	9,352.43	9,224.43
17	9,767.46	9,767.46	9,767.46	9,903.46	9,767.46
18	10,310.49	10,310.49	10,310.49	10,454.49	10,310.49
19	10,853.52	10,853.52	10,853.52	11,005.52	10,853.52
20	11,396.55	11,396.55	11,396.55	11,556.55	11,396.55
21	11,939.58	11,939.58	11,939.58	12,107.58	11,939.58

* This table of Tuition and Mandatory Fees does not include incidental fees, course-related fees, or individual major fees. Please refer to other sections in this catalog.

**Tuition and fees are subject to change due to legislative and/or institution action and become effective when enacted.

In addition to the above quoted tuition and fees, the following must be added as appropriate:

SUPPLEMENTAL FEES

New Student

Student ID Fee - \$6.00 one time issuance fee

Student ID Replacement Fee - \$20.00

Student General Property Deposit - \$10.00 per student (one time deposit) fee assessed at the time of the student's initial registration at the University. This fee is refundable to the student at the end of his or her University enrollment less any loss, damage, or breakage caused by the student. A property deposit which remains without call for refund for a period of four years from the date of last attendance at the University will be forfeited and will become the property of the Student General Property Deposit Endowment Fund. Such funds will be invested and the income will be used for scholarship purposes.

Certain Declared Majors

Business Graduate Major Fee - \$25.00 per semester with a declared major in business

Clinical Laboratory Science Major Fee - \$180.00 per semester with a declared major in Clinical Laboratory Science.

College of Engineering Major Fee - \$60.00 per semester with a declared major within the College of Engineering.

Nursing Major Fee - \$107.00 per semester with a declared major in Nursing.

Occupational Therapy Major Fee - \$75.00 per semester with a declared major in Occupational Therapy.

Physical Therapy Major Fee - \$50.00 per semester with a declared major in Physical Therapy

ADDITIONAL REQUIRED FEES

Graduate Student Service Fee for Courses Held at the Graduate Business Center - \$125 per semester credit hour for each course section that is offered at UTEP's Graduate Business Center.

International Student Services Fee - \$25.00 per student per term*

*Applied only to International Students.

COURSE FEES

ART	5393	\$10.00
ARTE	5399	\$10.00
ARTG	5350	\$10.00
ARTG	5350	\$20.00
ARTH	5329	\$5.00
BIOL	5302, 5502	\$30.00
BIOL	5305, 5318, 5324	\$8.00
BIOL	5351, 5352, 5354, 5355	\$30.00
CERM	5350	\$10.00
CERM	5350	\$18.00
CHEM	5341	\$30.00
DRAW	5350	\$10.00
GEOL	5343, 5344, 5367, 5375, 5376, 5405	\$20.00
GEOP	5357	\$20.00
GEOP	5362	\$25.00
KIN	5361, 5371, 5372, 5374	\$25.00
MTLS	5350	\$10.00
MTLS	5350	\$30.00
MUSA	5281	\$35.00
MUSA	5381, 5391	\$50.00
PNTG	5350	\$10.00
PNTG	5350	\$12.00
PRNT	5350	\$10.00
PRNT	5350	\$30.00
PSYC	5301	\$20.00
PSYC	5333	\$25.00
PSYC	5398, 5399, 6320, 6321	\$30.00
PT	5317, 5319, 5320, 5407, 5408, 5411, 5412, 5418, 5521	\$4.00
PT	5311, 5409	\$5.00
PT	5406	\$30.00
SCUL	5302, 5350	\$10.00
SCUL	5302, 5350	\$30.00
SPLP	5369, 5373	\$20.00

INCIDENTAL FEES

ADD/DROP FEE - A fee of \$5.00 is assessed per transaction each time a change is made to the initial registration.

AUDIT FEE - A fee of \$10.00 per audited course will be assessed to a student who is currently enrolled at the University. For a person who is not enrolled at the University, a fee of 30.00 per course will be assessed.

CERTIFICATION DEFICIENCY PLAN PREPARATION FEE - A fee of \$20.00 is assessed to defray administrative costs of processing certification deficiency plans for those pursuing teacher certification.

CLINICAL TRACKING & EVALUATION FEE - A fee of \$50.00 will be assessed to defray costs.

COLLEGE OF BUSINESS PhD SERVICES FEE - A fee of \$100 per semester to support cost of College of Business PhD program(s).

DIPLOMA FEE - A fee of \$30.00 is required of candidates for graduation. Under no circumstance is this fee subject to refund. Veterans attending the University under an exemption as defined elsewhere in this section are not exempt from payment of this fee.

DIPLOMA LATE FEE - A fee of \$15.00 will be assessed to all graduation candidates who apply for graduation after the regular processing period has been completed. Under no circumstances is this fee subject to refund. Veterans attending the University under an exemption defined elsewhere in this section are not exempt from payment of this fee.

DIPLOMA REPLACEMENT FEE - Diplomas are replaced at student's request, if the student has lost the diploma or if the student's name has changed. A fee of \$30.00 will be assessed to a student requesting a replacement after one year. A fee of \$10.00 is requested within one year of order.

DISSERTATION AND THESIS FEE - A fee to defray the cost of publishing dissertations and theses on-line in the University Library and in Pro Quest.

DISTANCE EDUCATION FEE - A \$50.00 per semester credit hour fee will be assessed to defray costs associated with providing distance learning facilities and support for students enrolling in distance learning classes or other off-campus course(s).

EMERGENCY LOAN PROCESSING FEE - A fee of \$15.00 will be assessed to defray administrative costs incurred in processing and collecting emergency loan payments.

EQUIPMENT SUPPORT FOR ELECTRICAL AND COMPUTER ENGINEERING - A fee of \$25.00 per semester to support cost of open laboratory operations for Electrical and Computer Engineering and Computer Science.

GRADUATE SCHOOL ADMISSION APPLICATION FEE - A fee will be assessed for all students who apply for graduate admission; \$30.00 for U.S. citizens and permanent residents/Mexican nationals or \$65.00 for all international applicants.

GRADUATE SCHOOL ADMISSION APPLICATION LATE FEE - A fee of \$15.00 will be assessed to cover costs of processing late applications.

Note: Application fees are subject to change due to legislative and/or institution action and become effective when enacted.

GRADUATE STUDENT SERVICES FEE for AMBA Program - A fee of \$75.00 per semester credit hour assessed to students enrolled in the Accelerated MBA program.

HEALTH INSURANCE FEE - (A mandatory insurance required of international students holding nonimmigrant visas and living in the United States.) The amount assessed will match the University Texas System Student Insurance Plan premium.

INSTALLMENT TUITION HANDLING FEE - A fee of \$17.00 per academic term will be assessed to cover costs related to providing the installment payment option.

INSTALLMENT TUITION DELINQUENCY FEE - A fee of \$15.00 per delinquent payment will be assessed to defray costs of handling delinquent installment tuition payment.

INSTRUMENT USERS FEE - Music - A fee of \$15.00 will be assessed to students per semester who wish to use musical instruments that are available through the Music Department.

INTERNATIONAL STUDENT SERVICE FEE - \$25.00 per long semester and \$12.50 per summer session. This fee is assessed to international students to defray the costs of operating the Office of International Programs and supporting the programs that are unique to international students.

LATE REGISTRATION FEE - Any student who, with proper permission, registers after the appointed days for registering will be required to pay a special charge of \$30.00 for in-person late registration, and \$50.00 on or after the first class day. The fee is to defray the cost of the extra services required to affect the late registration.

LIBRARY FEES - To cover costs associated with handling special items, damaged, and/or overdue books, the library charges the following fees:

Overdue Charges

Regular Checkouts	\$0.25/day (\$25.00 max)
Reserve Items	\$1.00/day-\$1.00/hr (\$25.00 max)
Inter-Library Loans	\$1/request plus any charges from the lending library
Lost Books	Cost of book plus \$10.00 processing fee and any fines accrued
Inter-Library Loans	All costs charged by suppliers plus \$0.50/request (or \$2.00 per request for rush fee)
Computer Searches	115% of connect time plus any off-line print charges
Damaged Book Fee	\$10.00
Recall Fee	\$1.00/day (\$25.00 max)
Media-Charges	Varies depending on type of equipment/service
Photocopier	\$0.05 to \$0.50/copy, \$0.15/microfilm or fiche
Architectural Drawings and Blueprint Reprographic Fee	\$5.00 per item plus actual costs
Special Collection Photographic Reproduction Preservation Fee	\$5.00 plus actual costs
Student Fee	\$5.00 per semester credit hour/graduate

PROFESSIONAL LIABILITY INSURANCE FEE - A fee of \$10.00-\$80.00 will be assessed to defray costs of insurance for students working in clinical settings in courses in health science, nursing, speech-language pathology, and social work.

REINSTATEMENT FEE - A \$200.00 fee will be assessed to defray the loss of State formula revenue associated with reinstatement of enrollment after the state funding census date.

RETURNED CHECK FEE - A fee of \$30.00 per check will be assessed to students that issue payment to the University with a check that is returned to the University for insufficient funds.

SCIENCE AND ENGINEERING ENRICHMENT EXPERIENCE - A fee of \$50.00 will be assessed to all incoming freshman and transfer students attending the enrichment experience in the College of Science and College of Engineering to defray costs associated with the enrichment program.

SOCIAL WORK HANDBOOK FEE - A \$2.00 fee will be assessed to students in Social Work for a handbook required by the Council of Social Work Education.

SPECIAL EXAMINATION FEE - A fee of \$5.00 per examination is required of persons who wish to take an advanced standing examination, an examination to remove a condition, or an examination to be given at a time other than that for which it is regularly scheduled. Permission of the academic dean must be secured before payment is made.

STUDENT HOUSING DEPOSIT - A \$200.00 deposit will be assessed to all students applying for Residence Hall housing. A Student Housing Deposit will be forfeited under any of the following conditions.

- A Housing Deposit which remains without call for refund for a period of two (2) years from the date of last attendance at the University;
- For any reason of non-payment of rent and will be applied to the outstanding balance owed to the University and/or applied for repairs and damages (except for reasonable wear and tear) to the unit leased; or
- Failure of a student to abide by the Terms and Conditions of Occupancy and/or the University Regulations or Residence Hall Regulations resulting in the University terminating a Residence Hall Agreement.

STUDENT IDENTIFICATION CARD ISSUANCE FEE - A fee of \$6.00 per student will be assessed for the new Miner Gold I.D. card. The fee is a one-time fee that is assessed only on initial issuance.

STUDENT IDENTIFICATION CARD REPLACEMENT FEE - A fee of \$20.00 per card will be assessed students for reissuing a Student I.D. Card due to loss or destruction. Malfunctioning cards or cards that fail to operate will be replaced at no charge.

STUDENT TEACHING FEE - A fee of \$50.00 will be assessed to students approved for Student Teaching during the Fall and Spring semesters.

TEACHER CERTIFICATION CREDENTIALS FEE - A fee of \$10.00 will be assessed to students enrolled in the Teacher Education Program who are having their academic credentials evaluated for meeting certification requirements set by the Texas Education Agency.

TEST FEE - A fee to defray the cost of providing student testing services including, but not limited to, administering graduate or undergraduate admission, professional certification, GED, or placement and credit tests. Assessments will be based underlying test subscription costs and may vary by exam.

THESIS FEE - A fee of \$55.00 will be assessed for on-line submission and publication of the thesis.

TRANSCRIPT FEE - A fee of \$2.00 will be assessed to students for an unofficial copy of their transcript. A fee of \$5.00 will be assessed for an official copy. A fee of \$7.00 will be assessed for an official copy with immediate processing.

DISTANCE LEARNING (RESIDENT) TUITION AND FEES*

(May be applicable to M.B.A., M.Ed., and Other UT TeleCampus Offerings)

Tuition	\$ 176.78 SCH
Differential Tuition	\$ 50.00 SCH
Distance Learning Fee	\$ 50.00 SCH
Energy Fee	\$ 2.50 SCH
Technology Fee	\$ 17.25 SCH
Library Fee	\$ 11.75 SCH
Institutional Fees (estimate)	\$ 9.00 Per Semester

Assessments based on 3 semester credit hours

Tuition	\$ 530.34
Differential Tuition	\$ 150.00
Distance Learning Fee	\$ 150.00
Energy Fee	\$ 7.50
Technology Fee	\$ 51.75
Library Fee	\$ 35.25
Institutional Fees	\$ 9.00
Total	\$ 933.84

If enrolled only in Distance Learning courses, the following fees are waived under this program:

Activity Fee, Health Center Fee, Recreation Fee, and Union Fee

* Distance Learning Tuition and Fees subject to change by action of the Texas Legislation and Texas Higher Education Coordinating Board. Changes will be effective as determined by the governing body.

Tuition for Resident Doctoral Student in Excess of 100 or More Credit Hours

Beginning Fall 1999 semester, a resident doctoral student who has a total of 100 or more semester credit hours of doctoral work at an institution of higher education may be required to pay nonresident doctoral tuition rates. Students should contact the Graduate School for more information at (915) 747-5491.

MINER GOLD CARD

The Miner Gold card is the official identification card of the University of Texas at El Paso (University). The Miner Gold card is the property of the University and is non-transferable. All students must carry their Miner Gold card at all times while on University property in order to obtain services.

The Miner Gold card is issued to all students upon enrollment in at least one credit hour. A current photo ID (e.g. license, state ID, passport) must be presented before a Miner Gold card is issued. The Miner Gold card remains active as long as the student is enrolled in courses at UTEP. No article of clothing, hats or sunglasses on the head will be allowed when the photograph is taken.

All first time enrolled students will be assessed a one-time, non-refundable \$6.00 fee. Any card rendered unusable, damaged, lost, or stolen will be assessed a \$20.00 fee. A new photo will be taken every time a card is re-issued.

Various debit declining balance plans can be utilized by Miner Gold card holders. Enrollment in these plans is automatic. Participation is optional.

The University reserves the right to modify or change any or all parts of the Miner Gold card at any time. The Miner Gold card must be surrendered to University officials upon request.

For more information: Miner Gold card Office
 Academic Services Building room 116
 915.747.7334
www.utep.edu/minergold

PARKING FEES

The Board of Regents has approved parking fees as follows for those students desiring to park on the campus:

Classes of Permits and Annual Fees

Sun Bowl Parking Garage

Allows the holder to park in any Garage parking space designated for their particular class of permit.

Class PG-1 (Covered)	\$250.00	All Students (including Graduates)
	\$154.30	If purchased during the Spring Semester
	\$ 75.52	If purchased during the Summer Session

Class PG-1 (Deck)	\$200.00	All Students (including Graduates)
	\$123.44	If purchased during the Spring Semester
	\$ 60.42	If purchased during the Summer Session

Silver Parking Lots

Allows the holder to park in any Silver parking area designated for their particular class of permit.

Class S	\$175.00	All Students (including Graduates)
	\$108.01	If purchased during the Spring Semester
	\$ 52.86	If purchased during the Summer Session

Perimeter Parking Lots

Allows the holder to park in any perimeter area designated for their particular class of permit.

Class P (Automobile)	\$125.00	All Students (including Graduates)
	\$ 77.15	If purchased during the Spring Semester
	\$ 37.76	If purchased during the Summer Session
Class P (Motorcycle)	\$ 75.00	All Students (including Graduates)
	\$ 46.29	If purchased during the Spring Semester

\$ 22.86 If purchased during the Summer Session

Remote Parking Lots

Allows the holder to park in any remote area designated for their particular class of permit.

Class R	\$ 75.00	All Students (including Graduates)
(Automobile/Motorcycle)	\$ 46.29	If purchased during the Spring Semester
	\$ 22.86	If purchased during the Summer Session

Other Class Permits

Class H	\$125.00	All Students (including Graduates)
(Inner Campus Disabled)	\$ 77.15	If purchased during the Spring Semester
	\$ 37.76	If purchased during the Summer Session
Class M	\$ 50.00	All Miner Village Residents
	\$ 30.86	If purchased during the Spring Semester
	\$ 15.10	If purchased during the Summer Session
Replacement Decal	With remnants of decal (Fee of \$5.00)	
	Without remnants of decal (Fee is \$20.00)	

METHODS OF PAYMENT

Cash, Checks, Master Card, Visa, American Express, and Discover will be accepted for payment of tuition and fees. The University offers the following two payment methods during long semesters (Fall and Spring) only.

1. Full payment of tuition, mandatory and incidental fees at the time of registration.
2. 20% payment of tuition, mandatory and incidental fees at the time of registration, with the remaining balance due in 4 equal installments by the 15th of each month.

Items for which payment CAN be deferred under Method 2 include the following:

- Tuition
- Mandatory Fees (Library Fee, Student Services Fee, Student Union Fee, Health Center Fee, International Studies Fee, Technology Fee, Recreational Fee)
- Incidental Fees (Course-related Fees Equipment Fees, Supplemental Fees for Fine Arts, Major Fees)

Items for which payment MAY NOT be deferred include the following:

- Student General Property Deposit
- Discretionary Fees (Liability Insurance, Health Insurance)
- Optional Fees (such as Parking Decal Fees)
- Amounts due for financial holds or from prior periods
- Optional Incidental Fees (such as Late Registration, Add/Drop, Installment Tuition Handling Fees, etc.)

The following additional policies will apply to deferral of payments:

1. All student account balances due from prior semesters, including items associated with payment deferred, must be paid in full before a student may begin registration for a subsequent semester.
2. A payment plan selected at the time of registration will be binding and will be applied in any subsequent add/drop activities; however, pre-payment of outstanding balances will be accepted. The University shall assess the Installment Tuition Handling Fee of \$17.00 for those students choosing payment Method 2; this charge is payable at the time of registration. An Installment Tuition Delinquency Fee of \$15.00 will be assessed at the end of the sixth and eleventh week of classes if the payment due for that period is not paid in full.
3. The Office of Student Business Services will send e-mail notifications as appropriate to students paying tuition and fees under Method 2.
4. The courses for which a student is enrolled on the official census date-12th class day in a long semester-will be the basis for the student's tuition and fees assessment. Except for students who officially withdraw up to the end of the refund period as indicated in the on-line Class Schedule at www.utep.edu/register, no reduction in amounts due will be made after this date; further, the student is obligated to pay the assessed amounts whether or not class attendance is subsequently interrupted or terminated.
5. A student who fails to provide full payment of tuition and fees, including any late fees assessed, to the University when the payments are due is subject to one or more of the following:
 - a. Bar against registration at the institution;
 - b. Withholding of grades, degree, and official transcript; and
 - c. All penalties and actions authorized by law.

REFUND OF TUITION AND FEES

Refund policies are established by, and are subject to change by, the Legislature of the State of Texas and are applicable to withdrawals and dropped courses. Refunds of tuition, general fees, and student services fees will be made under the following conditions.

Withdrawals

Students withdrawing during the fall or spring semesters, or a summer term of 10-weeks or longer will be refunded applicable tuition and fees as follows:

Prior to the first class day	100% less \$15.00
During first five class days	80%
During second five class days	70%
During third five class days	50%

During fourth five class days	25%
After fourth five class days	No Refund

Students withdrawing from a term or session of more than five weeks but fewer than ten weeks will be refunded applicable tuition and fees as follows:

Prior to the first class day	100% less \$15.00
During the first, second, or third class day	80%
During the fourth, fifth, or sixth class day	50%
Seventh day of class and thereafter	No Refund

Students withdrawing from a term or session of five weeks or fewer will be refunded applicable tuition and fees as follows:

Prior to the first class day	100% less \$15.00
During the first class day	80%
During the second class day	50%
During the third class day and thereafter	No Refund

Note: Percentage of refund is based on total tuition, mandatory and incidental fees assessed, not on amount paid. Unless students do a complete withdrawal from school prior to the first official class day, the student is responsible for a percentage of total tuition, mandatory and incidental fees assessed. Students should contact the Student Business Services Office at 747-5116 or (915) 747-5105 to address any questions.

Dropped Courses

Refunds of applicable tuition and fees will be made for courses from which students drop within the first twelve class days of a long session semester or an appropriately shorter period for a summer session term, provided the student remains enrolled for that semester or term. Refund of tuition for dropped courses will be made only if the original payment exceeds the established minimum amount.

Refunds of tuition and fees paid in the student's behalf by a sponsor, donor, or scholarship will be made to the source rather than directly to the student who has withdrawn or dropped courses, if the funds were made available through the University. Students who withdraw or drop courses must, in order to qualify for a refund, surrender all applicable privileges, including identification cards and athletic and cultural entertainment tickets. Refunds provided for above will be granted if applied for by the end of the semester in which the withdrawal or drop was appropriately completed. Refunds for students who owe balances on deferred payment of tuition/fees will be credited to the student's account, reduced by the amount of any unpaid charges and a reasonable administrative fee not to exceed the lesser of 5% of the tuition, fees, room and board, and other charges that were assessed for the enrollment period, or one hundred dollars.

Refunding for Student in Title IV Programs

As an institution participating in programs under Title IV of the Higher Education Act of 1965 as amended ("Act"), The University of Texas at El Paso is required to refund unearned tuition, fees, room and board, and other charges to certain students attending the institution for the first time who have received a grant, a loan, or work assistance under Title IV of the Act or whose parents have received a loan on their behalf under 20 U.S.C. Section 1087-2. The refund is required if the student does not register for, withdraws from, or otherwise fails to complete the period of enrollment for which the financial assistance was intended. No refund is required if the student withdraws after a point in time that is sixty percent of the period of enrollment for which the charges were assessed. A refund of tuition, fees, room and board, and other charges will be determined for students who withdraw prior to this time. The refund is the larger of the amount provided for in Section 54.006, Texas Education Code or a pro rata refund calculated pursuant to Section 484B of the Act. If the student charges were paid by Title IV funds, a portion or all of the refund will be returned to these programs.

TUITION AND FEES EXEMPTION SUMMARY

This information is provided in summary form. For more information contact Student Business Services and/or refer to [Texas Education Code § 54.201, et seq.](#)

Description	Eligibility	Exempted Charges*
**Accredited School Scholarship (permissive) Texas Education Code § 54.201	Highest ranking graduate of an accredited Texas high school	Tuition during first two semesters (long session) following graduation
Active Military Dependent Children (including stepchild) Texas Education Code § 54.203(b-2)	<ul style="list-style-type: none"> Child or stepchild of member of U.S. Armed Forces who is resident of Texas or eligible for resident tuition Military member deployed on active duty for purpose of engaging in a combative military operation outside the U.S. 	Tuition NOT TO EXCEED 150 CREDIT HOURS
Adopted Children formerly in Foster or other Residential Care Texas Education Code § 54.2111	<ul style="list-style-type: none"> For individuals who were adopted; and Were subject of an adoption assistance agreement under Texas Family Code Subchapter D, Chapter 162, that provided monthly payments and medical assistance benefits and was not limited to providing only for the reimbursement of nonrecurring expenses 	Tuition and Fees
Blind and Deaf Students Texas Education Code § 54.205	<ul style="list-style-type: none"> A blind disabled person, or a person whose sense of hearing is nonfunctional Must be a Texas resident 	<ul style="list-style-type: none"> Tuition Required Fees General Property Deposit
Children of Disabled/Deceased Texas Firefighters and Law Enforcement Officers Texas Education Code, § 54.204	<ul style="list-style-type: none"> For children under 21 years of age (or 22 if the student was eligible to participate in special education under Texas Education Code, § 29.003) of disabled full-paid or volunteer firefighters, full-paid municipal, county, state peace officers, custodians of the Department of Criminal Justice, or game wardens Disability/death occurred in the line of duty 	<ul style="list-style-type: none"> Tuition Required Fees not to exceed 120 undergraduate credit hours or any semester begun after age 26

<p>Children of Prisoners of War or Persons Missing in Action</p> <p>Texas Education Code § 54.209</p>	<ul style="list-style-type: none"> • A person under the age of 21 or a dependent person under 25 years of age who receives majority of support from parent • Parent is a resident of Texas on active duty military and classified by Department of Defense as a Prisoner of War or Missing in Action at time of the student's registration 	<ul style="list-style-type: none"> • Tuition • Required Fees
<p>Children of Professional Nursing Program Faculty</p> <p>Texas Education Code § 54.221</p>	<ul style="list-style-type: none"> • For children whose parent is a faculty member or teaching assistant in a nursing program in Texas • Age is 25 years or younger • Texas resident • Has not previously received a baccalaureate degree • Has not previously received an exemption under this section for 10 semesters or summer sessions • Exemption applies only at institution that employs the parent/faculty member 	<p>Tuition (prorated if parent is not full-time)</p>
<p>Children and Spouse of Texas Veterans</p> <p>Texas Education Code § 54.203</p>	<ul style="list-style-type: none"> • For children or the spouse of members of the U.S. armed forces who were killed in action, who die or died while in service, are MIA, whose death is documented to be directly caused by illness or injury related to service in the U.S. armed forces, or who become totally disabled for purposes of employability according to the U.S. Department of Veterans Affairs' disability rating as a result of a service-related injury • For children or the spouse of members of the Texas National Guard who after January 1, 1946, were killed while on active duty or became totally disabled for purposes of employability according to the U.S. Department of Veterans Affairs' disability rating as a result of a service-related injury • Texas resident who resided in the state at least 12 months immediately preceding date of registration 	<p>Tuition Fees (excluding general deposit fees, student services fees, and any charges for lodging, board, or clothing)</p> <p>NOT TO EXCEED 150 CREDIT HOURS</p>
<p>**Concurrent Enrollment-- High School/University Credit (permissive)</p> <p>Texas Education Code § 54.216</p>	<p>Individuals enrolled in a course that provides simultaneously course credit towards (1) high school academic requirements; and (2) a degree offered by the institution</p>	<p>All or part of tuition and fees</p>
<p>**Disabled Peace Officers (permissive)</p> <p>Texas Education Code § 54.2041</p>	<ul style="list-style-type: none"> • Texas resident who has resided in Texas for 12 months immediately preceding registration • Permanently disabled as a result of injury sustained in performance of duties as Texas peace officer • Unable to continue duties as peace officer 	<ul style="list-style-type: none"> • Tuition • Fees excluding class and laboratory fees <p>NOT TO EXCEED 12 SEMESTERS IN UNDERGRADUATE PROGRAM</p>
<p>**Distance/Off-Campus Learning (permissive)</p> <p>Texas Education Code § 54.218</p>	<p>Student enrolled only in distance learning courses or other off-campus courses</p>	<p>Fees for activities, services or facilities that the student cannot reasonably be expected to use</p>
<p>Early High School Graduates</p> <p>Texas Education Code, Sections 56.201-209</p>	<ul style="list-style-type: none"> • Graduated from high school: <ul style="list-style-type: none"> ■ in not more than 41 consecutive months and successfully completed the recommended or advanced high school program under Texas Education Code, § 28.025, if the person 	<ul style="list-style-type: none"> • If completed the recommended or advanced high school program: <ul style="list-style-type: none"> • \$2,000 for tuition and mandatory fees if graduated

	<p>graduated on or after 9/1/2005;</p> <ul style="list-style-type: none"> ▪ in not more than 46 consecutive months, with at least 30 college credit hours, and successfully completed the recommended or advanced high school program under Texas Education Code, § 28.025, if the person graduated on or after 9/1/2005; or ▪ in no more than 36 consecutive months after successfully completing the requirements for a high school diploma, if the person graduated before 9/1/2005. <ul style="list-style-type: none"> • Attended for the majority of time a Texas public high school • Be a U.S. citizen or otherwise lawfully authorized to be present in the U.S. 	<p>from high school on or after 9/1/2005 in 36 consecutive months or less (an additional \$1,000 if graduated with at least 15 college credit hours)</p> <ul style="list-style-type: none"> • \$500 for tuition and mandatory fees if graduated from high school in 37-41 consecutive months on or after 9/1/2005 (an additional \$1,000 if graduated with at least 30 college credit hours) • \$1,000 for tuition and mandatory fees if graduated from high school in 42-45 consecutive months on or after 9/1/2005 with at least 30 college credit hours • If completed the requirements for a high school diploma: <ul style="list-style-type: none"> • \$1,000 for tuition only if graduated before 9/1/2005, and if graduated from high school in not more than 36 consecutive months
<p>Economic Hardship</p> <p>Texas Education Code, § 54.503(e)</p>	<p>When payment of fee causes undue economic hardship -- number of exceptions limited to 5 percent of total enrollment</p>	<p>General Fee</p>
<p>Educational Aides</p> <p>Texas Education Code § 54.214</p>	<ul style="list-style-type: none"> • School employee who worked as an educational aide for at least one year during the 5 years preceding the semester of the exemption • Establish financial need • Pursuing teacher certification • Maintain acceptable GPA • Resident of Texas 	<ul style="list-style-type: none"> • Tuition • Fees excluding class and laboratory fees
<p>Firefighters enrolled in Fire Science Courses</p> <p>Texas Education Code § 54.208</p> <p>[Back to Top]</p>	<p>Firefighters who:</p> <ul style="list-style-type: none"> ▪ are employed by a political subdivision of Texas as a firefighter; or are currently and have been for at least one year, an active member of an organized volunteer fire department in Texas, as defined by the fire fighters' pension commissioner, who holds appropriate levels of certification as specified in the statute; and ▪ are enrolled in course offered as a part of fire science curriculum 	<ul style="list-style-type: none"> • Tuition • Laboratory Fees
<p>Students Under Conservatorship of Department of Family and Protective Services</p> <p>Texas Education Code § 54.211</p>	<ul style="list-style-type: none"> • For individuals under the conservatorship of the Department of Protective and Regulatory Services on the day preceding the individual's 18th birthday, on or after the day of the student's 14th birthday if the student was eligible for adoption on or after that day, or on the day the student received a high school diploma or equivalent, or during an academic term in which the student was enrolled in a dual credit course • Enrolls in an institution of higher education (including a dual credit course) no later than his or her 25th birthday 	<ul style="list-style-type: none"> • Tuition • Required Fees
<p>**Fully Funded Courses (permissive)</p> <p>Texas Education Code § 54.217</p>	<p>Individuals enrolled in courses that are fully funded by federal or other sources</p>	<p>Tuition and Fees for particular course</p>
<p>**Good Neighbor Scholarship (permissive)</p> <p>Texas Education Code § 54.207</p>	<p>A limited number (as prescribed by the Coordinating Board) of native-born citizens and residents from nations of the Western Hemisphere other than the United States</p>	<p>Tuition</p>
<p>Interinstitutional Academic Programs (Permissive)</p> <p>Texas Education Code § 54.224</p>	<p>Individuals taking a course at an institution under an interinstitutional academic program agreement, but who is enrolled primarily at another institution</p>	<ul style="list-style-type: none"> • Tuition • Required Fees
<p>Members of State Military Forces</p> <p>Texas Education Code § 54.2155</p>	<p>Individual certified by the adjunct general of the state military forces as having been awarded assistance for tuition and fees under Texas Government Code § 431.090</p>	<ul style="list-style-type: none"> • Tuition not to exceed 12 semester credit hours charged at the Texas resident rate • Mandatory Fees for anv

		semester in which the tuition exemption is received
<p>Nursing Preceptors and their Children</p> <p>Texas Education Code § 54.222</p>	<ul style="list-style-type: none"> • Texas resident • Registered nurse • Serving under contract as a clinical preceptor OR • A child 25 years or younger whose parent meets the criteria above, has not previously received a baccalaureate degree, and has not previously received an exemption under this section for 10 semesters or summer sessions 	<p>\$500 off tuition per semester</p>
<p>Prisoners of War</p> <p>Texas Education Code § 54.219</p>	<ul style="list-style-type: none"> • Is a resident of Texas and was a resident of Texas at the time of original entry into the U.S. armed forces • Was first classified as a POW on or after January 1, 1999 • Is enrolled for at least 12 semester credit hours 	<ul style="list-style-type: none"> • Tuition and Required Fees • Student Housing and Food Contract Costs • Textbook Costs <p>NOT TO EXCEED 120 HOURS</p>
<p>ROTC Students</p> <p>Texas Education Code § 54.212</p>	<ul style="list-style-type: none"> • For individuals admitted to the institution and its Reserve Officers' Training Corps program • Selected by ROTC Selection Committee must become a member of the Texas Army National Guard or the Texas Air National Guard and maintain status as a member in good standing • Possess and maintains academic and personal conduct standards established by institution • Maintain full-time enrollment status • Enter into a contract to serve no less than four years after graduation as a commissioned officer with Texas Air or Army National Guard • Pass the physical examination and police records background check 	<ul style="list-style-type: none"> • Tuition • Fees • Lodging and Board (1st two years of enrollment) <p>NOT TO EXCEED FOUR YEARS</p>
<p>**Senior citizen (permissive)</p> <p>Texas Education Code § 54.210</p>	<p>Individuals 65 years of age or older on space available basis</p> <p>Individuals 65 years of age or older on space available basis may audit</p>	<p>Tuition</p> <p>NOT TO EXCEED 6 CREDIT HOURS PER SEMESTER</p> <p>Tuition</p>
<p>Surviving Spouse and Minor Children of Certain Police, Security or Emergency Personnel Killed in the Line of Public Duty</p> <p>Texas Gov't Code § 615.0225</p>	<ul style="list-style-type: none"> • For the surviving spouse or children of certain public peace officers, probation officers, parole officers, jailers, police reservists, fire fighters, and emergency medical personnel, Texas Gov't Code § 615.003 • Death occurred in the line of duty as a result of a risk inherent in the duty • Must be enrolled full-time 	<ul style="list-style-type: none"> • Tuition and Fees • Student Housing and Food Contract Costs • Textbook Costs <p>NOT TO EXCEED BACHELOR'S DEGREE OR 200 HOURS</p>
<p>TANF Students</p> <p>Texas Education Code § 54.212</p>	<ul style="list-style-type: none"> • For students who during the student's last year of public high school in this state, was a dependent child receiving financial assistance under Chapter 31, Texas Human Resources Code, for not less than six months • Successfully completed the attendance requirements under Texas Education Code § 25.085 • Younger than 22 years of age on the date of enrollment • Enrolls at the institution as an undergraduate student not later than the second anniversary of the date of graduation from a public high school in this state • Has met the entrance examination requirements of the institution before the date of enrollment • Must be a Texas resident 	<ul style="list-style-type: none"> • Tuition • Fees <p>NOT TO EXCEED FIRST ACADEMIC YEAR</p>
<p>Texas Ex-Servicemen</p> <p>Texas Education Code § 54.203</p>	<ul style="list-style-type: none"> • Resided in Texas for 12 months prior to registration • Entered the service at a location in Texas • Declared Texas as the person's home of record or would have been a resident of Texas under 	<ul style="list-style-type: none"> • Tuition • Fees (excluding general deposit fees, student services fees, and any charges for lodging, board, or clothing)

Subchapter B at the time of entry

- Served in U.S. armed forces in World War II, Korean Conflict, the Cold War, Vietnam, Grenada era, Lebanon, Panama, Persian Gulf, the national emergency related to 9/11/2001
- Honorably discharged
- Not eligible for federal education benefits

- Other required charges

NOT TO EXCEED 150 CREDIT HOURS (assignment of unused hours to children under 25 years of age is authorized)

**Required Fees are those required as a condition of enrollment. They do not include room, board, books, transportation, lab fees or other course specific fees or optional fees.*

***Must have Regental approval.*

GENERAL DEBTS OF STUDENTS OR ORGANIZATIONS

The University is not responsible for any debts contracted by individual students or by student organizations. The University will not assume the role of collection agency for any organization, firm, or individual to which students may owe money, nor will the University adjudicate disputes between students and creditors over the existence or amounts of debts.

DEBTS OWED TO THE UNIVERSITY

In the event of non-payment of debts owed to the University, one or more of the following actions may be taken by the University:

- Bar against registration
- Withhold the student's grades and official transcripts
- Withhold a degree to which the student might otherwise be entitled
- Delinquent accounts will be referred to a Collection Agency and Credit Bureau
- Other penalties and actions authorized by law

RETURNED CHECKS

A student who pays the University a check, draft, or money order for services or goods that is not subsequently honored by payor's bank and the fault is not that of the bank, and who does not pay the University the amount due within ten class days after the receipt of written notice that the bank has refused payment, may be subject to disciplinary action. A student who pays tuition and fees with a check, draft, or money order that is not subsequently honored by payor's bank, the fault not being that of the bank, may be withdrawn from the University for non-payment of tuition and fees if the student fails to pay the University the amount due plus a \$30.00 returned check fee within ten class days after receiving written notice, student's check will be referred to the County Attorney for collection. Additional collection fees will be assessed by the County Attorney's Office. All check writers whose check is returned will be assessed a \$30 fee for each check not honored by payor's bank. This assessment is subject to change without prior notice.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

On Campus Housing Expenses

Department of Residence Life
Miner Village
2401 North Oregon Street
El Paso, TX 79902
(915) 747-5352
housing@utep.edu

UTEP offers some of the finest and most affordable on-campus housing facilities available. Opened in Fall of 2001, Miner Village provides a state of the art living environment designed to help students succeed academically. Located a brief 5 minute walk from the UTEP Library, most academic buildings and the Sun Bowl Stadium, Miner Village offers many opportunities for students to get involved on-campus.

Students may choose from four different styles of apartments: efficiencies for one or two students or two bedroom and four bedroom units. Each bedroom is a private room and all apartments feature high speed internet, cable television connections and have private telephone lines. They are fully furnished (Living room: couch, chair, coffee table, end table, kitchen table and chairs. Bedroom: bed, dresser, desk and desk chair).

One low monthly payment includes all utilities (electricity, refrigerated air, gas, water, sewer and trash removal), high speed internet, basic cable television and a parking permit.

To reserve a space, students must submit a Miner Village application and a \$200 deposit. A \$30, once a year telephone maintenance fee is required upon check-in. Variable lease options are available which enable students to live at Miner Village during the academic year only or on a year round basis if they choose.

For information on current rates or to take a tour please give us a call or come by.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Residency for Tuition Purposes

The Office of Admissions and Recruitment is responsible for determining residency status of students for tuition purposes. The Office is guided by the Texas Education Code, the Rules and Regulations for Determining Residence Status of the Texas Higher Education Coordinating Board, and University regulations. Under the state statutes and regulations, a student or prospective student is classified as a resident of Texas, non-resident, or foreign student.

- A resident is an individual who is either a U.S. citizen, national, permanent resident alien, or an alien who has been permitted by Congress to adopt the U.S. as his or her domicile while in the United States and who has otherwise met the State requirements for establishing residency for tuition purposes.
- A non-resident is a citizen, national, or permanent resident of the U.S. or an alien who has been permitted by Congress to adopt the U.S. as his or her domicile while in this country and who has not met the State's requirement for establishing residency for tuition purposes.
- A foreign student is an alien who is not a permanent resident of the U.S. or has not been permitted by Congress to adopt the U.S. as his/her domicile.

While these State requirements for establishing residency are complex and should be referred to in each particular circumstance, they generally require that an independent individual (18 years of age or older) establish a domicile in Texas and reside in the State for a period of 12 months prior to the census date of the academic term in which the person is enrolled. For minors and dependents, the parents or court-appointed legal guardian must have established a domicile and meet the residency requirements. The minor or dependent must be eligible to be claimed by the parent or court-appointed legal guardian on their federal income tax.

An individual may also be classified as a Texas resident if the individual (1) graduated from a public or private high school or received the equivalent of a high school diploma in Texas; and (2) resided in Texas for at least three years as of the date the person graduated from high school or received the equivalent of a high school diploma; and (3) continuously resided in Texas for one year prior to the census date of the academic term in which the person is enrolled. An individual is classified as a Texas resident until the individual establishes a residence outside of the state of Texas.

The following visa holders are eligible to establish a domicile in the United States and have the same privilege of qualifying for Texas residency as U.S. citizens: A-1, A-2, A-3, E-1, E-2, G-1, G-2, G-3, G-4, G-5, H-1B, H-4, dependents of H-1B, I, K-1, K-2, K-3, K-4, L1a, L1b, L-2, NATO 1-7, O-1, O-2, O-3; dependents of O-1, R-1, R-2, V, OP-1, I-551, or I-688/A/B visas that have not expired. In order for these cardholders to be eligible for resident tuition, residency must be established.

An individual who is classified as a non-resident or foreign student may qualify, under certain exceptions, for resident tuition rates and other charges while continuing to be classified as a non-resident or a foreign student.

Military

Certain military personnel, spouse and dependent children, are eligible to pay resident tuition rates as provided through Texas Education Code Section 54.058 (b)-(c). These provisions provide for nonresident members of the U.S. Armed Forces, members of Texas units of the Army or Air National Guard, or Commissioned Officers of the Public Health Service who are assigned to duty in Texas to pay the resident tuition rate for themselves, their spouses and dependent children. To qualify, the student must submit once a year a statement from an authorized officer in the services, certifying that he or she (or a parent or court-appointed legal guardian) will be assigned to duty in Texas at the time of enrollment and is not a member of the National Guard or Reserves who will be in Texas only to attend training with Texas units.

In addition, Texas Education Code Section 54.058 (d) also provides resident tuition rates for a spouse or dependent child of a member of the Armed Forces of the United States, who is not assigned to duty in Texas but who has previously resided in Texas for a 6 month period if the member has provided at least one year preceding the first day of the term or semester a document with the applicable military service that is in effect on the first day of the semester. The document must indicate the member's permanent residence address in Texas and designates Texas as the member's place of legal residence for the purpose of income tax purposes. In addition, the member provides documentation that he or she has been registered to vote in Texas for the entire year preceding the first day of the semester and satisfies at least one of the following requirements: 1) has owned real property in Texas for the entire year preceding the first day of the semester and 2) has had an automobile registered in Texas for the entire year preceding the first day of the semester or at least one year preceding the first day of the semester executed a will that has not been revoked or superseded indicating that the member is a resident of Texas and deposited the will with the county clerk of the county of the member's residence under Section 71, Texas Probate Code.

Other Exceptions

Waivers of non-resident tuition for non-residents and foreign students are available for

- Participants in the Academic Common Market
- Residents of the eight New Mexico counties that border on Texas
- Recipients of competitive University scholarships of \$1,000 or more
- Students whose families transferred to Texas as part of the State's plan for economic development
- U.S. Foreign Service Officers assigned to posts in Mexico
- Mexican citizens with demonstrated financial need
- Military stationed in Texas and their dependents
- NATO forces stationed in Texas and their dependents
- Teaching and research assistants and their dependents
- Higher education teachers and professors and their dependents
- Registered nurses enrolled in postgraduate nursing degree programs

STUDENT RESPONSIBILITIES

Reclassification as a Non-Resident

Persons who have been classified as residents of Texas will be reclassified as non-resident students whenever they report, or there is found to exist, circumstances indicating a change in legal residence to another state. If students who have been classified as residents of Texas are found to have been erroneously classified as a result of an omission or falsification will be reclassified as non-residents and will be required to pay the difference between resident and non-resident fees for the semesters for which they were erroneously classified.

Reclassification as a Resident

Persons classified as non-residents upon first enrollment may request reclassification. In order to have residence status reconsidered, students must complete the Core Residency Questions and submit it with the appropriate documentation regarding residency to the Office of Admissions and Recruitment prior to the first day of class of the semester for which the change is sought. After the form and documentation are reviewed, students are notified in writing of the residence decision.

If students have been erroneously classified as non-residents and subsequently prove to the satisfaction of the University's residency official that they should have been classified as resident students, they will be reclassified as residents of Texas and will be entitled to a refund of the difference between the resident and non-resident fees for the semesters in which they were erroneously classified.

All students are expected to pay the tuition assessed on or before the payment date for each semester as established by the University. All residence questionnaires and forms verifying non-resident tuition exemption status must be submitted prior to the first day of class of the term for which the change is sought. To prevent any delay in enrollment, students are encouraged to submit all forms at least two weeks before registration. Students should consult the on-line *Class Schedule* at www.utep.edu/register for specific information concerning the submission of non-resident exemption forms.

Non-Compliance with Institutional Rules and Regulations

If students have obtained residency classification by virtue of deliberate concealment of facts or misrepresentation of facts, they may be required to repay the difference in tuition rates and may be subject to appropriate disciplinary action, in accordance with the rules and regulations of The University of Texas at El Paso. For questions on residency or to update residency status, please contact the Office of Admissions and Recruitment at (915) 747-5890.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Policies and Procedures

What's Inside

[General Regulation](#)

- Student Conduct
- Prohibited Conduct
- Gang-Free Zone Policy
- Illegal Substances Policy
- Disruptive Acts Policy
- Hazing Policy
- Solicitation
- Student Travel Policy
- Compulsory Inspection of Vehicle
- Immunization Requirement
- AIDS, HIV, and Hepatitis B Infection Policy
- Bacterial Meningitis
- Student Right-to-Know and Campus Security Act
- Student Grievance Procedures
- Equal Educational Opportunity







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

General Regulations

Detailed policies and procedures affecting student life are printed in the *Handbook of Operating Procedures (HOP)* student section and are available on the Internet at <http://hoop.utep.edu>. The handbook supplements the rules and regulations of the Board of Regents and covers student conduct and discipline, use of University facilities, student organizations, educational records, and student publications. The Rules and Regulations of the Board of Regents of The University of Texas System are at <http://www.utsystem.edu/bor/rules.htm>. The President has delegated responsibility for the administration of student discipline (academic dishonesty and general misconduct) to the Office of Student Life.

STUDENT CONDUCT

While enrolled at the University, a student neither loses the rights nor escapes the responsibilities of citizenship. Any student who engages in conduct that is prohibited by the Board of Regents' Rules and Regulations or University rules, or by federal, state, or local law is subject to discipline whether such conduct takes place on or off campus or whether civil or criminal penalties are also imposed for such conduct. All students are expected and required to obey the law, to show respect for properly constituted authority, and to observe correct standards of conduct.

The University of Texas at El Paso administers student discipline according to established procedures of due process. Procedures are defined and described in the Rules and Regulations of the Board of Regents, Series 50101, and in the Handbook of Operating Procedures (HOP).

Students should check with appropriate departments whose policy or regulation is of concern. If necessary, students need to refer to the rules in the Regents' Rules and the HOP. The Office of Student Life can assist on this matter. This set of rules is available at <http://hoop.utep.edu>.

OTHER PROHIBITED CONDUCT

Computer usage violations, use of alcoholic beverages, dishonesty, gambling, defacing of property, endangering the health or safety of others, use of obscene and threatening language, altering of records, possession or use of firearms, failure to respond promptly to official notices, etc. will subject the student to disciplinary action.

Penalties, which may be imposed in conjunction with the approved disciplinary procedures, include but are not limited to: a written warning, disciplinary probation, withholding of grades, withholding of official transcript or degree, restitution, failing grade, denial of degree, suspension and expulsion, revocation of degree and withdrawal of diploma, or other penalty as deemed appropriate under the circumstances. In addition, certain privileges may be withdrawn consistent with the severity of the offense and the rehabilitation of the student. These penalties may be imposed singularly or in any combination upon individuals, groups, or organizations.

Unauthorized distribution of copyrighted material, including unauthorized peer-to-peer file sharing, may subject students to civil and criminal liabilities. UTEP's policy on Peer-to-Peer Sharing can be found at <https://admin.utep.edu/Default.aspx?tabid=63689>. Penalties for copyrighted violations may be found at: <http://www.copyright.gov/title17/92chap5.html>. Additionally, students may be subjected to disciplinary action as described in this section.

GANG-FREE ZONE

Premises owned, rented or leased by The University of Texas at El Paso and areas within 1,000 feet of the premises are "gang-free" zones. Certain criminal offenses, including those involving gang-related crimes, will be enhanced to the next highest category of offense if committed in a gang-free zone by an individual 17 years or older. See Texas Penal Code, Section 71.028.

ILLEGAL SUBSTANCES POLICY

The use, possession, or sale of any illegal drugs or narcotics including any amount of marijuana on the campus of the University is a violation of Regents' Rules and Regulations and of University policies governing student conduct, as well as a violation of State Law. In addition to possible criminal prosecution, student offenders will be subject to disciplinary action by the University. The minimum disciplinary penalty that will be imposed is suspension from the University for a specified period of time and/or suspension of rights and privileges.

DISRUPTIVE ACTS POLICY

The obstruction or disruption of any teaching, research, administrative, disciplinary, public service, or other authorized activity on campus or under the authority of the University or on property owned or controlled by the University is prohibited and will subject the student or group of students to disciplinary action.

HAZING POLICY

Hazing in state educational institutions is prohibited by both state law ([Sections 51.936 and 37.151 et seq. Texas Education Code](#)) and by the Regents' *Rules and Regulations* (Rule 50101, sec. 2.8). Individuals or organizations engaging in hazing could be subject to fines and charged with criminal offenses. Additionally, the law does not affect or in any way restrict the right of the University to enforce its own rules against hazing.

The law defines hazing as any intentional, knowing, or reckless act, occurring on or off the campus of an educational institution, by one person alone or acting with others, directed against a student, that endangers the mental or physical health or safety of a student for the purpose of pledging, being initiated into, affiliating with, holding office in, or maintaining membership in any organization whose members are or include students at an educational institution. Hazing includes but is not limited to:

1. Any type of physical brutality, such as whipping, beating, striking, branding, electronic shocking, placing of a harmful substance on the body, or similar activity;
2. Any type of physical activity, such as sleep deprivation, exposure to the elements, confinement in a small space, calisthenics, or other activity that subjects the student to an unreasonable risk or harm or that adversely affects the mental or physical health or safety of the student;
3. Any activity involving consumption of food, liquid, alcoholic beverage, liquor, drug, or other substance which subjects the student to an unreasonable risk or harm or which adversely affects the mental or physical health of the student;
4. Any activity that intimidates or threatens the student with ostracism; that subjects the student to extreme mental stress, shame, or humiliation; or that adversely affects the mental health or dignity of the student or discourages the student from entering or remaining registered in an educational institution; or that may reasonably be expected to cause a student to leave the organization or the institution rather than submit to acts described in this subsection;
5. Any activity that induces, causes, or requires the student to perform a duty or task which involves a violation of the Penal Code.

Activities which under certain conditions constitute acts that are dangerous, harmful, or degrading, in violation of Rules include but are not limited to:

- calisthenics, such as sit-ups, push-ups, or any other form of physical exercise;
- total or partial nudity at any time;
- the eating or ingesting of unwanted substance;
- the wearing or carrying of any obscene or physically burdensome article;
- paddle swats, including the trading of swats;
- pushing, shoving, tackling, or any other physical contact;
- throwing oil; syrup, flour, or any other harmful substance on a person;
- Rat court, kangaroo court, or other individual interrogation;
- forced consumption of alcoholic beverages either by threats or peer pressure;
- lineups intended to demean or intimidate;
- transportation and abandonment (road trips, kidnaps, walks, rides, drops);
- confining individuals in an area that is uncomfortable or dangerous (hot box effect, high temperature, too small);
- any type of personal servitude that is demeaning or of personal benefit to the individual members;
- wearing of embarrassing or uncomfortable clothing;
- assigning pranks such as stealing, painting objects, harassing other organizations;
- intentionally messing up the house or room for clean up;
- demeaning names;
- yelling and screaming; and
- requiring boxing matches or fights for entertainment.

The University regards any form of hazing as a major violation, and any individual and/or registered student organization participating in such activities will be held responsible for those actions. According to the law, a person can commit a hazing offense not only by engaging in a hazing activity, but also by soliciting, directing, encouraging, aiding, or attempting to aid another engaging in hazing; by intentionally, knowingly, or recklessly allowing hazing to occur; or by failing to report first-hand knowledge that a hazing incident is planned or has occurred in writing to the Office of Student Life or other appropriate University officials. The fact that a person consented to or acquiesced in a hazing activity is not a defense to prosecution for hazing under this law.

An organization can commit a hazing offense if the organization condones or encourages hazing or if an officer or any combination of members, pledges, or alumni of the organization commits or assists in the commission of hazing.

In an effort to encourage reporting of hazing incidents, the law grants immunity from civil or criminal liability to any person who reports a specific hazing event in good faith and without malice to the Office of Student Life or other appropriate University Officials, and it immunizes a person from participation in any judicial proceeding resulting from that report.

SOLICITATION

In general, solicitation is prohibited in any building, structure, or facility of the UTEP campus. Certain university activities are permitted as defined in the Handbook of Operating Procedures. This handbook is available for review in the Office of Student Life and on the following website:
<https://studentaffairs.utep.edu/dos>.

STUDENT TRAVEL POLICY

Purpose

It is the policy of The University of Texas at El Paso (UTEP) to promote safe travel by students who participate in certain university organized and sponsored activities or events.

Policy and Procedure

1. This Policy is applicable to student travel undertaken by one or more currently enrolled students to reach an activity or event that meets all of the following criteria:

- a. An activity or event organized and sponsored by the university. An activity or event is considered to be organized and sponsored if it has been planned and funded by the University and approved in writing by the designated administrator. The types of activities and events covered by this policy include course related field trips, recreational sports club trips, departmental sponsored trips, the activities of sponsored student organizations, and meetings of academic organizations where a student is officially representing the university; and
- b. The activity or event is located more than 25 miles from the University; and
- c. (i) Travel to the activity or event is funded and undertaken using a vehicle owned or leased by the University; or
 (ii) Attendance at the activity or event is required by a registered student organization and approved in accordance with this Policy.

2. Registered student organizations that require their members to travel 25 miles or more from the university to attend an activity or event covered by this Policy must obtain prior written approval for the proposed travel by the designated administrator.

3. The following provisions will apply to all travel covered by this Policy.

a. All Motor Vehicle Travel.

Seat Belts:

Occupants of motor vehicles shall use seat belts or other approved safety restraint devices required by law or regulation at all times when the vehicle is in operation.

Alcohol and Illegal Substances Prohibited:

Occupants of motor vehicles shall not consume, possess, or transport any alcoholic beverages or illegal substances.

Passenger Capacity:

The total number of passengers in any vehicle at any time it is in operation shall not exceed the manufacturer's recommended capacity or the number specified in applicable federal or State law or regulations, whichever is lower. Where applicable, all travel participants are required to comply with The University of Texas System Business Procedure Memorandum 16-05-02, including, but not limited to, provisions concerning vehicle passenger capacity.

License and Training:

Each operator of a motor vehicle shall have a valid operator's license and be trained as required by law to drive the vehicle that will be used.

Proof of Insurance, Inspection, and Safety Devices:

Each motor vehicle must have a current proof of liability insurance card and State inspection certification, be equipped with all safety devices or equipment required by federal or State law or regulation, and comply with all other applicable requirements of federal or State law or regulations.

Legal Operation of Vehicle and Driving Schedule:

Operators of motor vehicles shall comply with all laws, regulations, and posted signs regarding speed and traffic control and shall not operate the vehicle for a continuous period that is longer than the maximum provided by federal or State law or regulations or guidelines promulgated by the University, whichever is lower, without scheduled rest stops or overnight stops.

b. Travel Using a Vehicle Owned or Leased by the University.

Service and Maintenance:

In addition to those provisions in Item 3.a., each vehicle owned or leased by the University must be subject to scheduled periodic service and maintenance by qualified persons and comply with all applicable requirements of The University of Texas System Business Procedure Memorandum 16-05-02.

Operators of Vehicles:

All operators of vehicles owned or leased by the University shall be employees of the university and shall have a valid operator's license for the operation of the particular vehicle. In addition, operators shall have a current Motor Vehicle Record on file with the designated office of the university.

c. Travel Using Rented Vehicles.

In addition to those provisions specified in Item 3.a., the rental, use, and operation of all rented vehicles shall comply, where applicable, with the State contracts for rental cars and all applicable requirements of The University of Texas System Business Procedure Memorandum 16-05-02.

d. Travel by Common Carrier.

When a common carrier (bus, airline, etc.) is used for student travel covered by this Policy, all reasonable steps will be taken to assure the travel is undertaken in conformance with this Policy and all applicable federal, State, local, and university regulations.

4. Students are responsible for abiding by the rules and regulations contained in the UTEP Handbook of Operating Procedures while they are traveling. The sponsoring department may promulgate additional rules concerning expectations of students while on the trip.

5. As part of the approval process, all participants must sign an appropriate Release and Indemnification Agreement. All persons driving personal vehicles for travel covered by this policy must agree to comply with the requirements of 3.a. and produce some evidence of a valid operator's license for the vehicle to be used, current proof of liability insurance and Texas State inspection certificate.

COMPULSORY INSPECTION OF VEHICLE

It is mandatory for all students enrolled in public institutions of higher education in the State of Texas to be in compliance with Vehicle Emissions Testing Laws before privileges may be granted to park or drive a motor vehicle that is not registered in this state on institutional property.

For further details, please consult the Transportation Code, Chapter 548, Subchapter F: Motor Vehicle Emissions Inspection and Maintenance. A full copy of the legislation is available in the University's Parking Rules and regulations.

IMMUNIZATION REQUIREMENT

The health and safety of students is paramount to the University. Although certain immunizations are required only of students enrolled in specific health-related courses and programs, all students are strongly encouraged to obtain them for their own protection. Students may obtain information regarding the consequences of outdated immunizations for certain diseases, the age groups most vulnerable to these vaccine preventable diseases, and local providers of immunization services from the Student Health Center located on campus. Immunizations are available at the Student Health Center. To obtain information call (915) 747-5624. Students are responsible for the full cost of any immunizations for which a fee is charged.

In accordance with State law, the following immunizations are required for all students enrolled in health-related courses which will involve direct patient contact in medical or dental care facilities or who may come in contact with human or animal biological fluids or tissue. Students enrolled at UTEP will assume the cost of all vaccinations.

- **Measles:** proof of two doses of measles vaccine administered on or after the first birthday and at least 30 days apart or proof of immunity;
- **Mumps:** proof of one dose of mumps vaccine administered on or after the first birthday or proof of immunity;
- **Rubella:** proof of one dose administered on or after the first birthday or proof of immunity;
- **Tetanus/diphtheria:** proof of one "booster" dose of tetanus/diphtheria (within 10 years);
- **Hepatitis B virus (HBV):** proof of serologic immunity to HBV or certification of immunization with a complete series of Hepatitis B vaccine. Students will be required to present a letter or other suitable written certification.

Note: Some colleges or academic departments may require additional immunizations. Certain exemptions are allowed from the immunization requirements. For further information, students should contact the Student Health Center or the academic department responsible for the courses or programs requiring immunizations.

A form on which the required immunizations can be documented is available from the Admissions Office or the Student Health Center. Since most secondary schools are required by law to maintain similar records, a copy of the high school immunization record may be submitted.

The Student Health Center is responsible for maintaining a record of those students who comply with these requirements and may recommend the placement of an administrative hold on records if they have not been met. The Student Health Center provides the required immunizations for all academic programs; however no X-ray screening is available. The HB vaccine is also available for a nominal charge for students enrolled in medical-related programs.

AIDS, HIV, AND HEPATITIS B INFECTION POLICY

The University of Texas at El Paso recognizes Acquired Immune Deficiency Syndrome (AIDS), Human Immunodeficiency Virus (HIV), and Hepatitis B Virus (HBV) as serious public health threats and is committed to encouraging an informed and educated response to issues and questions concerning AIDS, HIV, and HBV. To demonstrate its commitment, UTEP has adopted a policy and procedural steps to protect both the rights and well being of those students, employees, and patients who may be infected with HIV or HBV as well as to prevent the spread of infection. No individual with HIV or HBV infection will be discriminated against in employment, admission to academic programs, health benefits, or access to facilities. Students with HIV or HBV infection may attend all classes without restriction, as long as they are physically and mentally able to participate and perform assigned work and pose no health risks to others. All information regarding the medical status of UTEP, faculty, staff, and students is confidential.

A complete copy of the "AIDS, HIV and Hepatitis B Infection" policy can be found in the institutional Handbook of Operating Procedures (HOP) available in the Office of Student Life, the Library, and the Student Health Center. This policy is applicable to all students of UTEP as they pursue their academic (and clinical) endeavors. An educational pamphlet on HIV infection developed by the U.S. Department of Health and Human Services and the Public Health Service will be made available to all students from the Student Health Center.

BACTERIAL MENINGITIS

This information is being provided to all new college students in the state of Texas. Bacterial Meningitis is a serious, potentially deadly disease that can progress extremely fast-so take utmost caution. It is an inflammation of the membranes that surround the brain and spinal cord. The bacterium that causes meningitis can also infect the blood. This disease strikes about 3,000 Americans each year, including 100-125 on college campuses, leading to 5-15 deaths among college students every year. There is a treatment, but those who survive may develop severe health problems or disabilities.

What are the symptoms?

- High fever
- Rash or purple patches on skin
- Light sensitivity
- Confusion and sleepiness
- Lethargy
- Severe headache
- Vomiting
- Stiff neck
- Nausea
- Seizures

There may be a rash of tiny, red-purple spots caused by bleeding under the skin. These can occur anywhere on the body. The more symptoms, the higher the risk, so when these symptoms appear, seek immediate medical attention.

How is Bacterial Meningitis diagnosed?

- Diagnosis is made by a medical provider and is usually based on a combination of clinical symptoms and laboratory results from spinal fluid and blood tests.
- Early diagnosis and treatment can greatly improve the likelihood of recovery.

How is the disease transmitted?

- The disease is transmitted when people exchange saliva (such as by kissing, or by sharing drinking containers, utensils, cigarettes, toothbrushes, etc.) or come in contact with respiratory or throat secretions.

How do you increase your risk of getting Bacterial Meningitis?

- Exposure to saliva by sharing cigarettes, water bottles, eating utensils, food, kissing, etc.
- Living in close conditions (such as sharing a room/suite in a dorm or group home).

What are the possible consequences of the disease?

- Death (*in 8 to 24 hours from perfectly well to dead*)
- Permanent brain damage
- Kidney failure
- Learning Disability
- Hearing loss, blindness
- Limb damage (fingers, toes, arms, legs) that requires amputation
- Gangrene
- Coma
- Convulsions

Can the disease be treated?

- Antibiotic treatment, if received early, can save lives and chances of recovery are increased. However, permanent disability or death can still occur.
- Vaccinations are available and should be considered for:
 - Those living in close quarters
 - College students 25 years old or younger
- Vaccinations are effective against 4 of the 5 most common bacterial types that cause 70% of the disease in the U.S. (but does not protect against all types of meningitis).
- Vaccinations take 7-10 days to become effective, with protections lasting a minimum of 8 years.
- The cost of the vaccine varies, so check with your health care provider.
- Vaccination is very safe-most common side effects are redness and minor pain at injection site for up to two days.
- Vaccination is available at UTEP Student Health Center, on a walk-in basis.
- The City County Health Department, Immunization Outreach at (915) 591-2050
- Pro Action-Tillman Health Center at (915) 533-3414

How can I find out more information?

- Contact your own health care provider.
- Contact your Student Health Center at (915) 747-5624
- Contact your local or regional Texas Department of Health Office at (915) 834-7853.
- Contact websites: <http://www.acha.org>

Requirement to obtain information on Bacterial Meningitis

- All incoming undergraduate and graduate students are required to obtain information about Bacterial Meningitis and sign an acknowledgement form with the Records Office, located in the Academic Services Building.

In addition, Texas Education Code 51.9192, requires first time students and transfer students of a Texas institution of higher education (undergraduate and graduate) residing in on-campus housing to show evidence of immunization for bacterial meningitis ten (10) days prior to residing in on-campus housing. Detailed information pertaining to the requirement and possible exception can be obtained by calling the Student Health Center at (915) 747-5624.

STUDENT RIGHT-TO-KNOW AND CAMPUS SECURITY ACT

In compliance with the Jeanne Clery Disclosure of Campus Security Police and Campus Crime Statistics Act of 2008. The University of Texas at El Paso collects specified information on campus crime statistics, campus security policies, and institutional completion or graduation rates. Pursuant to the federal law, alleged victims of violent crime are entitled to know the results of campus student disciplinary proceedings concerning the alleged perpetrators.

UTEP makes timely reports to the campus community on crimes considered to be a threat to students and employees, and crimes are reported to campus police or local police agencies.

Every October, UTEP publishes and distributes an annual report of campus security policies and crime statistics to all current students and employees, provides copies of the report to applicants for enrollment or employment upon request, and submits a copy of the report to the Secretary of Education upon request. The annual campus crime statistics report references crimes which occur on the campus property owned or controlled by UTEP or within a contiguous geographic area of the institution. Statistics for off-campus buildings or property owned by student organizations that are registered by the institution are also reported when such statistics are available from local police departments.

In addition, UTEP publishes in the annual security report its policy regarding sex-related offenses, including sexual assault prevention programs, education programs to promote awareness of sex offenses, administrative disciplinary procedures and sanctions for offenders, missing person statistics, counseling and student services for victims, and fire statistics. For crime and fire statistics, please visit <https://admin.utep.edu/Default.aspx?alias=admin.utep.edu/police> and select the current crime or fire log.

UTEP has established procedures for responding to emergency situations. For information regarding institutional procedures in emergency situations, including notification procedures, please visit the following web site: <https://www.utep.edu/documents/police/emergencyplan.pdf>.

UTEP annually calculates and discloses institutional completion or graduation rates for undergraduate students to all prospective and current students. (The federal requirement for calculation of a completion or graduation rate applies only to institutions of higher education that admit undergraduate students who are enrolling for the first time at an institution of higher education and have not enrolled previously at any other institution of higher education.) Prior to the offer of athletically-related student aid to a potential student athlete, UTEP provides certain information on graduation rates specified by the Act to the prospective student and to the student's parents, guidance counselor, and coach.

Further information concerning Student Right-To-Know and Campus Security, including policies and procedures for emergency response and missing student notification, can be found at: <http://securityoncampus.org/>, <https://admin.utep.edu/police>, and <https://admin.utep.edu/LinkClick.aspx?link=Clery%2Fclery+%282%29.pdf&tabid=571&mid=12387>.

STUDENT GRIEVANCE PROCEDURES

Grade Appeals

A student may challenge his/her grade as determined by a member of the faculty of the University during or within one year after the end of any credit course, qualifying or comprehensive examination, for which the student has been enrolled or three months following the term the graduate degree was awarded. A challenge to a grade may be pursued only on the basis of malice, bias, arbitrary, or capricious grade determination, or impermissible discrimination. In no event shall a challenge be pursued on the basis of the standards employed in setting grades, so long as those standards are employed impartially.

The student should first attempt to resolve the question through consultation with the faculty member who assigned the grade. The student should then attempt to resolve the question through consultation with the administrator(s) to whom the faculty member reports. Having failed to resolve the matter after consultation with both the faculty member and her/his supervisors, the student may consult with and/or file a challenge with the Chairperson of the Student Welfare and Grievance Committee. Students should contact the Office of Student Life for specific information or download a copy of the grievance form and instructions on the Office of Student Life web page at <https://studentaffairs.utep.edu/dos> and click on Student Conduct.

Non-Academic Grievances

Non-academic grievances of policies and procedures of University departments related to matters other than discrimination, such as the application or interpretation of student policies, must be initiated by making an effort to resolve the matter with the individual involved in the interpretation or decision. If the matter is not resolved, it must be submitted in writing to Provost or his/her designee within 10 working days of the questioned decision or interpretation.

EQUAL EDUCATIONAL OPPORTUNITY

To the extent provided by applicable law, no person shall be excluded from participation in, denied benefits of, or be subject to discrimination under any program or activity sponsored or conducted by the University of Texas at El Paso on the basis of race, color, national origin, religion, sex, age, veteran status, disability, or sexual orientation.

Complaints regarding discrimination should be reported to the University's Equal Opportunity Office. The University's full policies, including complaint resolution procedures, on equal opportunity, sexual harassment and misconduct and accommodations for individuals with disabilities are available in *Handbook of Operating Procedures and on the webpage of UTEP's Equal Opportunity Office*. Inquiries regarding applicable policies should be addressed to the University's Equal Opportunity/Affirmative Action Office, Kelly Hall, 3rd Floor, or at (915) 747-5662 or eoaa@utep.edu.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Facilities and Student Services

What's Inside

[Academic and Research Facilities](#)

[Student Services](#)

- Adelante Child Development Center
- Campus Cultural Programs
- Disabled Student Services
- El Paso Centennial Museum/ Chihuahuan Desert Gardens
- Food Services
- Intercollegiate Athletics
- International Programs
- KTEP Public Radio
- Miner Village
- Office of Student Life
- Professional and Public Programs
- Recreational Sports
- Special Events
- Student Development Center
- Student Government Association
- Student Health Center
- Student Publications
- Student Support Services Program (SSSP)
- Union
- University Bookstore
- University Career Center
- University Counseling Center
- Women's Resource Center

[Study Abroad and Exchange Programs](#)







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Academic and Research Facilities

The property, buildings, or facilities owned or controlled by The University of Texas at El Paso are not open to the general public for assembly, speech, or other activities, and such uses by students and employees are subject to reasonable regulation.

No person, organization, group, association, or corporation may use property, buildings, or facilities owned or controlled by The University of Texas at El Paso for any purpose other than in the course of the regular programs or activities related to the role and mission of the University, unless authorized by the *Rules and Regulations* of the Board of Regents of the University of Texas System. Any authorized use must be conducted in compliance with the provisions of the Regents' *Rules and Regulations*, the rules and regulations of The University of Texas at El Paso, and applicable federal, state, and local laws and regulations.

UNIVERSITY LIBRARY

Housing over one million books and government publications, as well as close to two million microforms, the University Library strives to support the curriculum and research needs of the campus. The collection also includes access to over 24,000 journals and newspapers, and more than 445 databases providing bibliographic information, as well as selected abstracts, full text research articles and reports. The Library is classified as a Federal Depository, meaning it collects over 65% of all materials published by the Federal Government.

Housed in a six-story Bhutanese style building, with a coffee shop and both formal and casual seating for over 1,500 users, the Library is open on a daily basis to serve students, faculty, and the community. The Collaborative Learning Center, located on the 2nd floor of the Library, has 250 PC's/ Macintosh desktops and 35 Laptops available for student use. Various software packages are available, and the computers have complete internet access. Group study rooms and individual graduate study carrels are conveniently located throughout the library.

Books, journals, and audio-visual materials are easily found in "Nugget" the Library's computerized catalog. The catalog is easily searched by author, title, subject, and key word, and is accessible from computers located in the library, any computer on campus, or from a users home computer. Most materials are available for loan to University students, faculty, and staff.

The professional staff of the Reference Department provides classroom instruction on Information Literacy, both in the Library's three computer classrooms, or in campus classrooms as requested by faculty. The Reference staff also provides assistance in locating and using the electronic resources of the Library, as well as the traditional hard copy resources. Librarians are available to provide assistance with specialized collections in all subject matters.

Special Collections, located on the 6th floor of the Library, house rare books and other unique artifacts and collections. Key among these holdings are collections in the following areas: Art, Printing, Military History, Western Fiction, Chicano Studies, Border Studies, and Oral History. The Library's manuscript and archival materials are also located in the Special Collections Department.

The Access Services Department provides automated checkout services, makes reserve materials available, and provides inter-library loan/document delivery services. M&M (Media and Microforms) houses retrospective newspapers, microforms, DVD and video tapes, and computers. Support for students and faculty, who are involved in distance education, is also provided by the library. This support includes delivery of books and other materials by surface mail, subject consultation with librarians, and access to electronic resources via the Internet.

Self-service photocopying equipment is available on all floors of the Library and a full-service Copy Center is located on the first floor.

INSTRUCTIONAL SUPPORT SERVICES

Instructional Support Services (ISS) serves as an academic resource and campus support unit for UTEP faculty, students, and staff engaged in asynchronous and distance delivered instruction. The services of the ISS office are focused on technical production, instructional design and pedagogical guidance and training-development programs for faculty engaged in the design and adaptation of instructional materials for fully online and hybrid courses at a distance as well as classes and meetings convened through interactive video conferences. Through its new Faculty Instructional Technology (F.I.T.) Lab, the ISS office provides UTEP faculty with state-of-the art professional development and training opportunities. The F.I.T. Lab offers a well equipped self-service computer lab in which faculty can develop digital materials for instruction and research, as well as provides walk-in services and assistance to faculty in learning instructional technologies including access to a broad selection of specialized production software.

Distance Learning and Hybrid Courses

ISS is committed to providing graduate and undergraduate students, who are unable to take advantage of a traditional class schedule, with appropriate opportunities to participate in the learning process through the use of alternative media and methods for the delivery of instruction in a distance learning environment. ISS offers distance learning opportunities in hybrid and completely on-line formats for the UTEP campus. Through ISS the UTEP campus is also an active partner of the UT System TeleCampus (<http://www.telecampus.utsystem.edu>).

At their website you will find: online study programs, and courses, a digital library, free online student tutorial services, 24/7 technical support "helpdesk", links to various admissions and registrar offices throughout the UT System and full program descriptions for the available online courses and degrees the UT TeleCampus facilitates.

Students interested in undertaking distance courses through UTEP and the UT TeleCampus must be fully admitted to UTEP or to one of the other UT System academic university campus components by completing the Inter-Institutional Distance Education Admission and Registration (IDEAR) form online at the UT TeleCampus website (www.telecampus.utsystem.edu). Once admitted to one of the 15 University of Texas campuses, students can select courses offered through the distance education delivery options of the UT TeleCampus. Students are required to abide by the host university policies, procedures, and requirements regarding the course selection process, and student qualifications. Additional new on-line courses and program degree study options are routinely being added at UTEP and as a result, interested students are encouraged to consult the ISS website at UTEP for the most recent information: <http://iss.utep.edu>.

The Mediated and Distance Learning Group (MDL) at ISS also works in cooperation with UTEP faculty across the six academic colleges in the design, delivery, course management, and evaluation of distance education and online instructional programs. It also promotes and implements campus policies and practices to appropriately guide the growth and development of all UTEP distance education programs. In carrying out its mission, the ISS office collaborates with public and private institutions to meet the expanding needs for higher education and workforce retooling in the region. MDL and ISS staff works with UTEP faculty to develop instructional programs that integrate a variety of technology-based and electronic digital media materials, face-to-face instruction, World Wide Web (WWW), Internet, interactive videoconferencing, CD ROM, and other telecommunications technologies for teaching and learning.

Administrative offices for ISS are located in the Undergraduate Learning Center, Suite 308 and can be contacted by phone at (915) 747-6675.

BORDER BIOMEDICAL RESEARCH CENTER (BBRC)

The Border Biomedical Research Center (BBRC), developed and supported by grants from the National Institutes of Health, was established in 1992 as a basic biomedical research center in Infectious Diseases, Toxicology, and Neurological and Metabolic Disorders. The mission of the BBRC is to enhance the capability for biomedical research at the University of Texas at El Paso relevant to the Border region and to promote the progress of minority scientists in biomedical research. The BBRC's Core Facilities in Analytical Cytology, Cell Culture, Biomolecule Characterization and DNA Sequencing and Analysis all have state-of-the-art instrumentation. The BBRC also has an active Statistical Consulting Laboratory, and a modern Bioinformatics Laboratory. The BBRC will soon move to new facilities following completion of the new Biosciences Research Building. For more information visit the BBRC Web site at <https://www.utep.edu/bbrc>.

CENTER FOR DEFENSE SYSTEMS RESEARCH

The mission of the Center for Defense Systems Research (CDSR) at the University of Texas at El Paso is to apply a broad range of cutting-edge research and technology to applied, multi-use technical solutions for the Departments of Defense and Homeland Security. In applying this research toward real solutions, the CDSR shall provide experiential programs for undergraduate, graduate and faculty members at the University of Texas at El Paso. The Center shall also act as a one-stop shop for DoD, DHS and University collaborations. Current and efforts cross into multiple Department of Defense (DoD) and Department of Homeland Security (DHS) agencies. The Center is currently supporting research efforts for U.S Army White Sands Missile Range, U.S Army Space and Missile Defense Command and U.S Customs & Border Protection.

CENTER FOR EFFECTIVE TEACHING AND LEARNING (CETaL)

The Center for Effective Teaching and Learning (CETaL) is a resource for University faculty. CETaL provides faculty with workshops, confidential consulting on issues of course and curriculum design, assessment and documentation of effective teaching, the opportunity for faculty mentoring, and a library of teaching and learning materials. Through these services, faculty can document their teaching effectiveness.

CETaL seeks to cultivate an environment where teaching is highly valued and where teachers strive continuously to improve their effectiveness. It is a scholarly center working to find, document, report, and help advance the best teaching practices at UTEP and elsewhere. In addition, CETaL aids faculty in conducting scholarly research on teaching, curriculum, and other issues related to teaching and learning.

CETaL is a resource for those who understand that teaching is a complex and interactive process among many parties in a variety of environments, and that it can be taught, improved, and evaluated.

CENTER FOR ENVIRONMENTAL RESOURCE MANAGEMENT (CERM)

The Center for Inland Desalination Systems (CIDS) partners with El Paso Water Utilities develop and implement technologies to create alternative water sources in Texas and across the globe. CIDS leverages El Paso's Kay Bailey Hutchison Desalination Plant, which is among the largest of its kind in the world, to research on desalination-related areas that have potential commercial applications. Some examples include mining the brine concentrate produced during the osmosis process, developing small-scale portable desalination equipment to be used in remote locations, and developing processes that can reduce energy and water use during desalination.

CENTER FOR INTER-AMERICAN AND BORDER STUDIES (CIBS)

The Center for Inter-American and Border Studies (CIBS) coordinates UTEP's degree programs in Latin American and Border Studies. These include the undergraduate major and minor, and an interdisciplinary MA. CIBS also conducts research and assists other units with research on the Border, in Mexico, and Latin America. Recent projects have focused on issues such as Border demography, Border health, Border governance, and Border economics. CIBS sponsors events and publications addressing Border and Latin American issues, and works to forge linkages between UTEP and other institutions and agencies in the Border region, in Mexico, and in Latin America.

CENTER FOR RESEARCH ENTREPRENEURSHIP AND INNOVATIVE ENTERPRISES (CREIE)

The Center for Research Entrepreneurship and Innovative Enterprises (CREIE) is an outcome of a Kauffman Foundation Campus Initiative and grant to infuse entrepreneurship into UTEP's education, research, administration, and outreach activities. The Center was established to create a central identity for entrepreneurship, technology transfer and commercialization at UTEP. The main mission of CREIE is to stimulate innovation and unify campus initiatives in technology transfer, entrepreneurship and commercialization at UTEP. The Center is available to guide inventors on how to bring their scientific advances or inventions to the market place, in partnership with the University.

CENTER FOR RESEARCH ON EDUCATIONAL REFORM

Established in 2002, the Center for Research on Educational Reform (CRER) conducts broad-based and multidisciplinary research on issues of educational reform in the public schools and in higher education. The university-wide Center builds on more than a decade of K-16 educational reform efforts at the University of Texas at El Paso. A significant element of the Center's initial work is research that addresses critically important questions about the impact of these and similar reform efforts. Major initiatives of the Center include the NSF-funded Mathematics and Science Partnership, Teaching Gender Equity in Mathematics and Science, and Math Education Reform. The Center also provides opportunities for faculty and graduate students to do significant research.

CENTER FOR TRANSPORTATION INFRASTRUCTURE SYSTEMS (CTIS)

The Center for Transportation Infrastructure Systems (CTIS), addresses the need for basic and applied research related to transportation infrastructure. CTIS is an internationally known center of excellence in nondestructive testing of transportation facilities; it is extensively involved in research dealing with the use of advanced field and laboratory techniques in transportation infrastructure, geo-technical earthquake engineering, and environmental engineering. At any given time, CTIS is engaged in about 20 projects dealing with the planning, design, evaluation, and construction of transportation infrastructure. CTIS has also expanded its research activities to include transportation planning and infrastructure management-with current projects dealing with risk assessment of transporting hazardous materials along the U.S.-Mexico border and the impact of increased traffic flow on the safety of people and the environment.

CENTER OF EXCELLENCE FOR SHARING RESOURCES TO ADVANCE RESEARCH AND EDUCATION THROUGH CYBERINFRASTRUCTURE

The Center of Excellence for Sharing Resources to Advance Research and Education through Cyberinfrastructure (Cyber-ShARE) was created in 2007 to bring together experts in computer science, computational mathematics, education, earth science, and environmental science. The team addresses the challenge of providing information to scientists and other users of cyberinfrastructure (CI) that allows them to make informed decisions about the resources that they retrieve and to have confidence in using results from CI-based applications. The Cyber-ShARE team conducts innovative research to facilitate the development of CI-based applications and increase their use by scientists by enhancing CI results with provenance information, trust recommendations, and uncertainty levels (areas that are recognized as essential for the success of CI); by creating scientist-centered tools and artifacts; and by contributing CI resources to appropriate CI portals.

HISPANIC HEALTH DISPARITIES RESEARCH CENTER (HHDR)

The Institute for Manufacturing and Materials Management (IM3) serves as both a focal point for UTEP's diverse manufacturing efforts and as a conduit for University resources to area manufacturers. IM3 offers a range of programs and services in the following areas: (1) The Texas Manufacturing Assistance Center (TMAC) provides technical solutions to industrial problems ranging from design-for-manufacturing to supply-chain qualification to pollution prevention; (2) IM3 assists manufacturers in filling both long and short-term workforce development gaps through a number of programs including K-12 and university student outreach programs; industrial arts program development; and student internship programs in regional industry settings; (3) the Institute assists area Economic development agencies by identifying industry sector gaps and facilitating strategic planning; and (4) IM3 provides support for the manufacturing education program funded by the Society of Manufacturing Engineers.

INSTITUTE FOR POLICY AND ECONOMIC DEVELOPMENT (IPED)

The mission of the Institute for Policy and Economic Development (IPED), located at The University of Texas at El Paso, is to provide leadership and coordination in providing objective analysis and interpretation of public and private policy research, to address issues of importance to the people of the Paso del Norte and Camino Real, and to ensure that economic development proceeds in a rational and sustainable fashion. The Institute's interdisciplinary approach to research design, data collection, and analysis provides the Institute's clientele with objective, timely information that forms the framework needed for public policy investigation in areas such as economic development, technology and business development, and trade and transportation.

IPED administers three key academic programs: (1) the Master of Public Administration; (2) the Master of Leadership Studies, which provides opportunities

UTEP administers three key academic programs (1) the Master of Public Administration, (2) the Master of Leadership Studies, which provides opportunities both for soldiers at Ft. Bliss and for civilians interested in professional and career advancement; and (3) the Intelligence Community Center of Academic Excellence, which was funded by the Office of the Director of National Intelligence to prepare future professionals in the study of national security, intelligence, foreign area studies, language proficiency, geographical expertise, and related competencies.

MATERIALS RESEARCH AND TECHNOLOGY INSTITUTE (MRTI)

The Materials Research and Technology Institute (MRTI) administers the University's multi-disciplinary Ph.D. program in Materials Science and Engineering (MASE); fosters interdisciplinary research across the Colleges of Science, Engineering, Business and Liberal Arts; and supports the Ph.D. programs in Environmental Science and Engineering, Chemistry, and Biology. MRTI also fosters the development of intellectual property by UTEP faculty, staff, and students and helps develop industrial partnerships and new businesses based on UTEP intellectual property. Key MRTI activities include the Department of Energy-funded UTEP/Stanford Gateway Program, which gives UTEP faculty and students access to the Stanford Synchrotron Radiation Laboratory; Mayan Pigments, Inc., which is commercializing complex organic/inorganic materials developed by UTEP researchers; and Refinery Science Corporation, which is working to convert heavy petroleum feed stocks to useful transportation fuels, among other projects.

NATIONAL CENTER FOR BORDER SECURITY AND IMMIGRATION

The Center for Border Security and Immigration will develop integrated education and research initiatives, which are complementary in scope, in order to promote interest in science and technology. Through education program, the Center will develop and educate future scientists, technologists, engineers and mathematicians to meet emerging challenges of homeland security in a global context, and design multi-disciplinary degree programs with an emphasis in homeland/border security. The program is designed to create a path for careers in DHS components or in a homeland security-related industry. Through research, the center assists the Department of Homeland Security in meeting its border security and immigration related science and technology needs, collaborates with homeland security related industry, and provides full support to those agencies and individuals charged with defense of the homeland and development of national immigration and border security policy.

REGIONAL GEOSPATIAL SERVICE CENTER

The Regional Geospatial Service Center (RGIS) provides accurate geospatial data to local emergency responders including the Texas National Guard and other member of the El Paso region's emergency response community. The Center is also involved in the development of geospatial applications to support UTEP research and service activities in a variety of areas including border security, economic development and public health. The works closely with its partners, Stephen F. Austin State University and Texas Natural Resource Information System, to maintain a data repository and backups in the event of catastrophic system failure.

RESEARCH INSTITUTE FOR MANUFACTURING AND ENGINEERING

The Research Institute for Manufacturing and Engineering Systems (RIMES) is a research, academic, and service center dedicated to generate new knowledge in Systems Engineering through it research programs; disseminate new knowledge and best Systems Engineering practices through its academic programs, publications, workforce development, and industry extension; and promote and encourage multi-disciplinary research and collaboration in Engineering Systems. RIMES facilitates interactions among colleges and industry to foster total systems-level thinking and systems effectiveness, addressing applications oriented research areas on large-scale systems and systems of systems. While accomplishing these goals, RIMES advances multi-disciplinary educational programs at the undergraduate and graduate levels and industry extensions through Training in MPT, Seminars, and Workforce development.

W.M. KECK CENTER FOR 3D INNOVATION

The W.M. Keck Center for 3D Innovation (Keck Center) is an advanced engineering, manufacturing, and biomedical laboratory focused on multi-disciplinary research. Originally funded through a \$1 million grant from the W.M. Keck Foundation, the newly renovated 6,100-square-foot facility is the only one of its kind in the world. The facilities house more than \$4 million in research infrastructure, including 17 rapid prototyping machines with combined infrastructure for advanced manufacturing, cardiovascular hemodynamics (experimental fluid mechanics), and tissue engineering (including scaffold fabrication, polymer synthesis, and cell culture capabilities). The lab uses rapid prototyping technologies to fabricate functional end-use products and patient-specific anatomical shapes for use in pre-surgical planning, surgery, medical device development, cardiovascular flow research, tissue engineering and more.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

College and Degree Programs

What's Inside

- [College of Business Administration](#)
- [College of Education](#)
- [College of Engineering](#)
- [College of Health Sciences](#)
- [College of Liberal Arts](#)
- [College of Science](#)
- [School of Nursing](#)
- [University College](#)
- [Interdisciplinary Programs](#)





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

College of Business

What's Inside

- [College of Business Administration](#)
- [Accounting](#)
- [Economics and Finance](#)
- [Information and Decision Sciences](#)
- [Marketing and Management](#)







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

College of Business

Dr. Robert Nachtmann, Dean
Dr. Steve A. Johnson, Associate Dean of Academic Affairs
Dr. Patricia Eason, Associate Dean for Faculty Development

Business Bldg., Room 101
(915) 747-5241 (ph)
(915) 747-5147 (fax)
coba@utep.edu

Degree Programs

BBA/MAcc BBA-Accounting/MAcc+
BBA/MBA BBA-Accounting/MBA-Accounting Concentration+
MAcc Accounting
MBA Accounting
Computer Information Systems
Economics
Finance
General Management
Health Systems
International Business
Production and Operations Management
MBA/MPA Business Administration/Public Administration+
MS Master of Science in Economics
PhD Doctor of Philosophy in International Business
+Combined Program

College of Business Administration

The College of Business Administration offers qualified scholars contemporary graduate programs design to broaden and strengthen their understanding of the conventional academic disciplines of management education. Our graduate programs integrate innovative instructional methods with experienced-based learning to enable our graduates to succeed in a competitive, global marketplace. Our quality is reflected in the success of our students, alumni, and faculty, and in the enhancement of the personal and professional lives of community residents. At the heart of our programs is a distinguished faculty dedicated to teaching, research, and community service. The College is committed to providing a quality management education to a highly motivated, diverse student body framed in the region's unique socio-economic environment.

Enrollment in Graduate Courses in the College of Business Administration for Non-Business Graduate Students

Any graduate student who has not been admitted to one of the graduate degree programs must have written permission from the Graduate Advisor in the College of Business Administration in order to enroll in graduate courses offered by the College.

Doctor of Philosophy in International Business

The College of Business Administration, through the departments of Accounting, Economics and Finance, Information and Decision Sciences, and Marketing and Management, offers a Ph.D. Degree in International Business. The Ph.D. degree program is accredited by AACSB International-The Association to Advance Collegiate Schools of Business; is only one of about 25 such programs worldwide; and designed to prepare a new generation of faculty from diverse backgrounds to meet critical challenges projected in business education. The full-time program is housed in the College of Business and emphasizes strong quantitative research methods and international business core sequences; as well as opportunities for international research in accounting, finance, information systems, management, or marketing. Course approval and course substitution approval requests will be coordinated by the Ph.D. Director at the direction of the Dean.

Requirements for Admission to the Ph.D. Program

1. Transcripts according to the requirements of the Graduate School.
2. Official scores on the GMAT or GRE (GMAT preferred).
3. Two letters of reference, preferably from professors who are knowledgeable about the student's ability to perform at the doctoral level.
4. A statement describing the applicant's reasons for wanting to obtain a Ph.D. in International Business.
5. For international students, official scores for the TOEFL. International applicants are required to have a score of at least 250/600 on the TOEFL.
6. As part of the review of an applicant's file, an interview or additional information may be required. In such a case, the applicant will be notified.
7. Students wishing to enter the Ph.D. program directly upon completion of a bachelor's degree are expected to have completed at least up to 24 upper-division undergraduate semester credit hours in business administration or the equivalent.

Admission decisions are based on demonstration of academic performance and potential as measured by undergraduate GPA, graduate GPA (if applicable), standardized test scores, and other factors. Admissions decisions may also reflect consideration of candidates' socio-economic background, publication record, and academic experience.

Specific Requirements for the Ph.D. Degree

Business Foundation	24 semester hours
International Business	12 semester hours
Quantitative and Survey Methods	12 semester hours
Other Elective Graduate Course	12 semester hours
Dissertation	<u>12 semester hours</u>
Total	72 semester hours

Business Foundation Courses (24 semester hours)

ACCT 5311 Accounting for Management

CIS	5313	Strategic Information Systems
ECON	5311	Managerial Economics
ECON	5360	Global Economic Environment for Managers
FIN	5311	Financial Management
MGMT	5325	Management Strategy and Policy
MKT	5311	Marketing Management
SCM	5308	Concepts of Production Management

Equivalent undergraduate courses may be substituted at the discretion of the Ph.D. Director.

Students entering the Ph.D. program with a bachelor's degree are expected to have knowledge of elementary calculus and statistics. Entering students must take the business foundation courses or demonstrate competency in the knowledge areas represented. It is anticipated that students entering the program with an MBA will have already taken these courses or their equivalent. Students can demonstrate achievement of proficiency in any or all of these areas by examination, subject to the approval of the Director of the Ph.D. Program.

Required Doctoral Courses

International Business Core Courses (12 semester hours)

Four of six core courses in International Business (each of which is a 3 credit hour course) must be taken by all doctoral students.

IBUS 6310	Seminar in the International Accounting Environment
IBUS 6311	Seminar in International Trade and Business Policy
IBUS 6312	Seminar in International Financial Management and Monetary Economics
IBUS 6313	Seminar in International Marketing
IBUS 6317	Seminar in International Global Systems
IBUS 6319	Seminar in International Business

Quantitative and Survey Methods Courses (12 semester hours)

Each student must complete twelve semester hours in the area of applied quantitative and research methods as noted below or their equivalents.

Required of all students (6 hours):

IBUS 6300	Introduction to Quantitative Methods and Statistics
IBUS 6302	Applied Multivariate Methods

Menu (6 hours):

IBUS 6303	Advanced Regression Analysis
IBUS 6304	Business Time Series Analysis
IBUS 6305	Doctoral Seminar in Applied International Business Research
IBUS 6308	Research Philosophy and Design
IBUS 6307	Survey Research Methods

Subject to approval by the Ph.D. Program Director, one of the four quantitative methods courses may be selected from appropriate alternative courses.

Elective Courses (12 semester hours)

Each student must complete twelve semester hours of graduate-level College of Business Administration courses with approval of the Director of the Ph.D. Program and the Graduate School. Elective courses may be selected from the list below.

IBUS 6312	Seminar in International Financial Management and Monetary Economics
IBUS 6316	Seminar in International Production Operations and Supply Chain Management
IBUS 6321	Seminar in International Financial Accounting
IBUS 6323	Topics in Accounting Research
IBUS 6324	Seminar in International Tax
IBUS 6325	Seminar in Managerial Accounting
IBUS 6331	Seminar in the Theory of Finance
IBUS 6332	Seminar in International Capital Markets
IBUS 6333	Seminar in Corporate Finance
IBUS 6334	Seminar in Investments
IBUS 6341	Seminar in Strategic and Competitive Information Systems
IBUS 6342	Analysis of Diffusion and ICT Impact
IBUS 6343	Information Systems Outsourcing
IBUS 6344	IS Risk Analysis and Crime
IBUS 6351	Seminar in International Management and Strategy
IBUS 6352	International Entrepreneurship
IBUS 6353	International Organization Behavior and Human Resource Management
IBUS 6354	Special Topics in International Business
IBUS 6362	Seminar in Cross-Cultural Marketing
IBUS 6363	Seminar in International Market Theory
IBUS 6364	Topics in International Marketing
IBUS 6389	Independent Study (with approval of Program Director)

Dissertation Courses (12 semester hours)

All students must complete a doctoral dissertation (a minimum of 12 semester hours) that presents original research at an advanced level on a significant problem in international business. Dissertation hours may be repeated as needed:

IBUS 6398	Dissertation I
IBUS 6399	Dissertation II

A copy of the dissertation in PDF or Word electronic format must be submitted to the Graduate school for format check prior to the scheduled defense date. The dissertation, including an abstract not to exceed 350 words, must be prepared according to the Graduate School's thesis and dissertation guidelines available at the Graduate School website. The student will receive email confirmation from the Graduate School after the format has been approved. The final Graduate School approved dissertation must be submitted to the Graduate School in PDF electronic format on a CD in a case by the deadline as published in the Class Schedule along with a hard copy of the signature page with original signatures of the dissertation committee members. The signature page must be included in the PDF file but it should not be signed.

Doctoral candidates are also required to submit the Graduate School approved dissertation at the University Microfilms International website for on-line publication, <http://dissertations.umi.com/utep>. Dissertations are regarded as publications and will be made public once they are approved and submitted. On-line publication does not preclude subsequent publication of the dissertation, in whole or in part, as a monograph or in a journal. Copyright at the author's expense may be arranged through University Microfilms International. In order to protect patent or any other rights, the Graduate School may be requested to delay publication for a period of one year. This request must be supported by a written recommendation of the supervising professor.

Grade Point Average Requirements

The student must maintain at least a 3.00 grade point average over the twelve hours of International Business Core sequence. The student must also achieve a grade of at least a "B" in each of the courses. Students must maintain a 3.00 GPA over all graduate work attempted, excluding dissertation credit. Failure to maintain these averages constitutes unsatisfactory progress and will result in the student's dismissal from the program.

Comprehensive Exams (0 semester hours)

After completing their coursework but prior to beginning their dissertation proposal each student must pass a series of comprehensive examinations. The Director of the Ph.D. Program will schedule the exams in consultation with the College of Business Administration's Ph.D. Committee.

Other Requirements

In addition to all College of Business Administration requirements falling under this heading, please review the International Business Ph.D. Student Policy Handbook for more detailed information applying to all International Business doctoral students.

Course Information

For descriptions of course offerings, please click here and select International Business (IBUS).

Requirements for Admission into Master's Degree Programs in Business Administration

[Students should refer to the Economics and Finance Department section for admission requirements for the Master of Science in Economics.]

The College of Business Administration requires that all documents listed below be submitted prior to admission to any master's degree program in the College.

1. Transcripts according to the requirements of the Graduate School.
2. Official scores on the GMAT or GRE (GMAT preferred). Applicants who have completed a master's degree may not be required to submit test scores.
3. A statement, not to exceed one page, which may include a description of the applicant's professional experience, educational background, career goals and/or socio-economic background.
4. For international students, official scores for the TOEFL. International applicants are required to have a score of at least 250/600 on the TOEFL.

Admissions decisions are based on demonstration of academic performance and potential as measured by undergraduate GPA, standardized test scores, and other factors. Admissions decisions may also reflect consideration of candidates' socio-economic background, professional experience, and commitment to the program.

Non-Program Limited Enrollment in Graduate Courses

An individual who has completed an undergraduate degree at an AACSB International (or equivalent) accredited college or university with a minimum GPA of 3.00 (on a 4.0 scale) and who has the respective course prerequisites may enroll in graduate courses for a particular purpose such as, for example, completion of additional credit hours in order to qualify for professional certification in some field, or to obtain advanced knowledge in an area related to the individual's job responsibilities. A maximum of six non-transferable credit hours of graduate courses may be taken under this rule. Persons desiring to enroll in additional courses must apply for and be accepted into a graduate Master's degree program in the College of Business Administration before enrollment will be permitted.

College Academic Standards

Students whose GPA's fall below 3.0 is normally placed on probation by the Graduate School. However, MBA students who would be unable to achieve a GPA of 3.0 during the probationary period will be immediately dismissed.

Master of Business Administration (MBA)

The College of Business Administration, through the departments of Accounting, Economics and Finance, Information and Decision Sciences, and Marketing and Management, offers a Master of Business Administration degree. The MBA degree program is accredited by AACSB International—the Association to Advance Collegiate Schools of Business. The objective of the MBA program is to give students the opportunity to prepare for executive careers in business or in institutions that use business techniques and policies in management and administration. The program meets this objective by being broad in nature and aimed at general competence in overall management and administration. The majority of the course work is devoted to a broad understanding of the environment, controls, and practices, which are common to most institutions.

Specific Requirements for the Master of Business Administration Degree

1. All students must complete 48 credit hours of Course of Study for the Master of Business Administration (MBA) which includes the 39 hours of the Required Graduate Core plus 9 credit hours of the chosen MBA concentration course work. Courses in the Required MBA Core may be substituted for other graduate courses in the same academic discipline if the MBA student has shown an appropriate understanding of the subject matter in previous undergraduate or graduate coursework.
2. Students earning a "B" or better in MGMT 5335 will satisfy the comprehensive exam requirement. Students who earn a "C" will be required to pass a comprehensive exam.
3. No more than three hours in any concentration can be undergraduate courses available for graduate credit.

Program of Study for the Master of Business Administration (MBA) (48 semester hours)

1. Required MBA Core (39 semester hours)

ACCT	5301	Financial Accounting
ACCT	5311	Accounting for Management
CIS	5313	Strategic Information Systems
ECON	5311	Managerial Economics
ECON	5360	Global Economic Environment for Managers
FIN	5311	Financial Management
MGMT	5311	Organizational Management Seminar
BLAW	5306	Business Law and Ethics
MGMT	5336	Effective Management of Human Resources
MKT	5311	Marketing Management
SCM	5308	Concepts of Production Management*
QMB	5311	Quantitative Methods in Business*
MGMT	5335	International Strategic Management (Taken in final semester)

2. MBA Concentrations (9 semester hours)

a. Computer Information Systems

Complete **three** of the following:

CIS	5340	Electronic Commerce in Business
CIS	5350	Systems Analysis and Design
CIS	5360	Business Intelligence and Security Informatics
CIS	5365	Database Management
CIS	5370	Data Communications and Computer Networks
CIS	5380	Information Systems for Managers
CIS	5394	Current Issues in CIS

b. Economics

Complete **three** of the following:

ECON	5312	The Economic Environment
ECON	5320	Monetary and Fiscal Policy and Problems
ECON	5350	Industrial Organization and Policy
ECON	5365	Economic Development
ECON	5366	Latin American Economics
ECON	5370	Advanced Quantitative Methods in Economics

c. Finance

Complete **three** of the following:

FIN	5301	Theory of Financial Management
FIN	5315	Securities Analysis
FIN	5316	Derivative Instruments
FIN	5318	Capital Formation, Analysis and Budgeting
FIN	5325	International Financial Management
FIN	5370	Financial Modeling

d. Management

Complete **three** of the following:

MGMT	4306	Franchising
MGMT	4325	International Management
MGMT	5345	Global Management
MGMT	5314	Corporate Entrepreneurship
MGMT	5346	Total Quality Management

- e. Health Systems
Complete **three** of the following:
 - NURS 5300 Organizational Theory and Culture
 - NURS 5335 Management Roles and Operations
 - NURS 5337 Health Care Financial Management
 - NURS 5338 Health Law, Policy and Ethics
 - NURS 5357 Perspectives on Border Health (requires School of Nursing approval)
 - NURS 5365 Managing Health Care Outcomes
 - NURS 5366 Managing Diverse Work Teams
- f. International Business
MGMT 5345 Global Management
And **two** of the following:
 - ACCT 4325 International Accounting
 - BLAW 4325 International Business Law
 - FIN 5322 International Financial Markets and Institutions
 - MKT 5355 International Marketing
- g. Supply Chain Management
SCM 5311 Inventory and Materials Management
SCM 5325 Global Operations and Supply Chain Management
And **one** of the following:
 - SCM 5330 Management of Service Operations
 - CIS 5340 Electronic Commerce in Business
 - SCM 5394 Current Issues in Supply Chain Management
 - MGMT 5346 Total Quality Management
- h. General Business Administration
Any **three** approved graduate business electives.

Master of Business Administration and Master of Public Administration: Two-Degree Option (MBA/MPA)

Students may also enroll in a two-degree option MBA-MPA program. The objective of this program is to permit students with broad interest in both the public and private sectors to double register in both the MBA and MPA programs. With the increasing interdependence of the public and private sectors, this option is attractive to those students wishing to pursue careers in positions responsible for working with their counterparts in private or public organizations. In order to be admitted into the two-degree option, the applicant must specify the option at the time of application to the Graduate School. Students who wish to enter the MBA-MPA program should consult with the Graduate Advisor for the College of Business Administration and with the Director of the MPA program with regard to admission, required courses, approved electives, and petition for candidacy.

The program consists of 70 semester credit hours (SCH) of graduate study, of which 39 SCH are in areas of Business Administration and 31 SCH are in areas of Public Administration.

Specific Requirements for the MBA/MPA Two-Degree Option

1. Students must meet all requirements for admission to both programs.
2. Students must choose one of the following Programs of Study:

- I. Program of Study 1
 - a. MBA Required Core (39 SCH)

- ACCT 5311 Accounting for Management
- ACCT 5301 Financial Accounting
- BLAW 5306 Business Law and Ethics
- CIS 5313 Strategic Information Systems
- ECON 5311 Managerial Economics
- ECON 5360 Global Economic Environment for Managers
- FIN 5311 Financial Management
- MGMT 5311 Organizational Management Seminar
- MGMT 5325 Management Strategy and Policy
- MGMT 5336 Effective Management of Human Resources
- MKT 5311 Marketing Management
- QMB 5311 Quantitative Methods in Business
- SCM 5308 Concepts of Production Management

- b. MPA Required Core (31 SCH)
Students are allowed to substitute PAD 5311, PAD 5350, and PAD 5355 for approved PAD electives.

- PAD 5100 Introduction to Public Administration
- PAD 5300 Introduction to Research Methods
- PAD 5310 Public Policy Processes and Institutions
- PAD 5311 Economic Analysis for Public Administrators
- PAD 5350 Organizational Theory and Behavior
- PAD 5351 Applied Statistics for Public Administrators
- PAD 5352 Public Budgeting and Financial Management
- PAD 5353 Human Resources Management
- PAD 5364 Public Participation and Democratic Processes
- PAD 5365 Policy Analysis and Decision Making
- PAD 5367 Comprehensive Integration of Public Administration

- II. Program of Study 2
 - a. Required MPA Core (31 SCH)

- PAD 5100 Introduction to Public Administration
- PAD 5300 Introduction to Research Methods
- PAD 5310 Public Policy Processes and Institutions
- PAD 5311 Economic Analysis for Public Administrators
- PAD 5350 Organizational Theory and Behavior
- PAD 5351 Applied Statistics for Public Administrators
- PAD 5352 Public Budgeting and Financial Management
- PAD 5353 Human Resources Management
- PAD 5364 Public Participation and Democratic Processes
- PAD 5365 Policy Analysis and Decision Making
- PAD 5367 Comprehensive Integration of Public Administration

- b. Required MBA Core (39 SCH)
Students are allowed to substitute ECON 5311, MGMT 5311, and MGMT 5336 for approved Economics or Management electives.

ACCT 5311 Accounting for Management

ACCT 5311 Accounting for Management
ACCT 5301 Financial Accounting
BLAW 5306 Business Law and Ethics
CIS 5313 Strategic Information Systems
ECON 5311 Managerial Economics
ECON 5360 Global Economic Environment for Managers
FIN 5311 Financial Management
MGMT 5311 Organizational Management Seminar
MGMT 5325 Management Strategy and Policy
MGMT 5336 Effective Management of Human Resources
MKT 5311 Marketing Management
QMB 5311 Quantitative Methods in Business
SCM 5308 Concepts of Production Management

3. Electives must be approved by the academic advisors of both programs.

4. Admission to and continuance in the program are administered separately by the MBA and MPA graduate committees and by the Graduate School.

MBA Plus Program

Students with MBA degrees from AACSB accredited institutions may enroll as post-baccalaureate students and complete 12 semester hours in a concentration area. Students will receive MBA PLUS certificates upon completion of the concentration area courses that include:

- Computer Information Systems
- Economics
- Finance
- Health Systems
- International Business
- Management
- Supply Chain Management

Additional information is available from the MBA Program Office in the College of Business Administration at (915) 747-5174.

Course Information

For descriptions of course offerings, please click [here](#) and select **Business (BUSN)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Accounting

260 Business Administration
Building
(915) 747-5192
cobacct@utep.edu

INTERIM CHAIRPERSON: Raymond Zimmerman
PROFESSOR EMERITUS: Gary J. Mann
ASSOCIATE PROFESSOR EMERITUS: Walter G. Austin, Jr.
GRADUATE FACULTY: Braun, Eason, S. Glandon, T. Glandon, Howell, Huerta, Mayne, Putnam, Salter, Zimmermann

The Department of Accounting, University of Texas at El Paso shares with the University its fundamental mission to provide the highest quality education to citizens of El Paso and the West Texas Region, commensurate with AACSB International standards for business and accounting accreditation.

The objectives of the Master of Accountancy (MAcc) program are to: provide students with the necessary background for placement into, and advancement in, the public accounting profession; enhance the skills necessary for success in the public accounting profession; explore issues relevant to the professional accounting environment; and provide the educational requirements necessary to sit for the Uniform CPA Examination in the State of Texas.

All students wishing to study for a MAcc degree must meet the Pre-Master of Accountancy (Pre-MAcc) requirements and complete thirty credit hours of Course of Study for the Master of Accountancy (MAcc). The MAcc program consists of a three-hour business core, an eighteen-hour accounting option, a three-hour communications requirement, and six-hours of approved graduate business electives. The MAcc has a specialization in the financial/auditing area as well as in taxation.

Accounting (ACCT) courses and Business Law (BLAW) courses are included under the Accounting course section.

Master of Accountancy Program (MAcc)

The MAcc program consists of a three-hour business core, an eighteen hour accounting option, a three-hour communications requirement, and six-hours of approved graduate business electives.

Requirements for Admission to the Master of Accountancy Program

Students should refer to the Introduction to the College of Business Administration section for information on admission.

Specific Requirements for the Master of Accountancy Degree

All students must meet the **Pre-Master of Accountancy (Pre-MAcc) Requirements** and complete thirty-three credit hours of **Course of Study for the Master of Accountancy (MAcc)**.

Courses in **Pre-MAcc Requirements**, as described below, **may be waived** if, according to the Accounting Graduate Studies Committee, the student has the equivalent courses in previous undergraduate or graduate course work or the appropriate work experience. Waivers may also be given if the student can demonstrate proficiency through challenge examinations approved by the Committee.

Students earning a "B" or better in MGMT 5325 or MGMT 5335 will satisfy the comprehensive exam requirement. Students who earn a "C" will be required to pass a comprehensive exam.

Pre-Master of Accountancy (Pre-MAcc) Requirements

Common Body of Knowledge (18 semester hours)

(The courses in parentheses indicate the equivalent undergraduate course or course combinations.)

- ACCT 5301 or
- 3 (ACCT 2301, Financial Accounting
2302)
- ECON 5304 or
- 3 (ECON 2303, Business Economics
2304)
- QMB 5311 or
- 3 (QMB 2301, 3301 Quantitative Methods in
and MATH 2301) Business
- BLAW 5306
- 3 (3301) Business Law and Ethics
- 3 (MKT 3300) (Principles of Marketing)
- 3 FIN 5305 (3310) Financial Concepts and Analysis

Professional Core (18 semester hours)

- 3 ACCT 3320 Accounting Systems
- 3 ACCT 3321 Intermediate Accounting I
- 3 ACCT 3322 Intermediate Accounting II
- 3 ACCT 3323 Cost Accounting
- 3 ACCT 3327 Federal Income Tax-Individuals
- 3 ACCT 4304 Auditing Principles and Procedures

Course of Study for the Master of Accountancy (MAcc) (30 semester hours)

1. **Business Core Requirements** (3 semester hours)
 - 3 - MGMT 5325 or MGMT 5335 (Taken last semester)

2. **Accounting Major Requirements** (18 semester hours)

a. Tax Concentration

6 - ACCT 5328*, 5322

9 - Choose three from ACCT 5320, 5321, 5325, 5326

3 - Choose one approved non-tax graduate accounting elective, excluding ACCT 5311 and ACCT 5335.

b. Financial/Auditing Concentration

9 - Choose three from ACCT 5302*, 5310, 5323, 5324

9 - Choose three approved graduate accounting electives. May choose either ACCT 5311 OR ACCT 5335, but not both.

A minimum of 12 of the 18 hours in the area of concentration must be accounting courses available exclusively for graduate credit.

ACCT 5397 (Professional Report in Accounting) if selected, must be written in the area of concentration.

3. **Communications Requirement** (3 semester hours)

3 - COMM 5362, ENGL 5311, ENGL 5312, ENGL 5314, or ENGL 5315

4. **Approved Graduate Business Electives** (6 semester hours)

6 - Choose two approved graduate business electives

Students planning to sit for the Certified Public Accountant examination in Texas must choose ACCT 5329 as one of the business electives.

Up to nine hours of approved cross-listed courses may be counted in the Master of Accountancy degree plan.

Those cross-listed courses required as part of the Accounting Major Option Requirements are counted in these limitations.

Course Information

For descriptions of course offerings, please click [here](#) and select **Accounting (ACCT) or Business Law (BLAW)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Economics and Finance

236 Business Administration
Building
(915) 747-5245
econfn@utep.edu

CHAIRPERSON: Timothy P. Roth

GRADUATE FACULTY: Ashby, Devos, Elliott, Fullerton, Holcomb, Johnson, Roth, Schauer, Smith, Sprinkle, Varela, Wei, Xie

Master of Science Degree in Economics (MS)

The Department of Economics and Finance offers a Master of Science degree in economics with the opportunity for specialization in areas within economics and for course work in areas outside economics. Some suggested areas for specialization within economics are regulation, international economics, applied business economics, and border economics. Some suggested areas for the minor or for interdisciplinary work are border studies, finance, and computer information. All proposed degree plans must be approved by the Graduate Advisor and the Graduate School.

Thesis and non-thesis programs are available. Students enrolled in the thesis program must take 24 hours of course work in addition to completion of the thesis for which six hours of credit are given. The non-thesis option requires a total of 36 hours of course work.

The ability to take course work in areas outside economics is available either through completion of a minor, with as many as 12 hours and a minimum of 6, or through the interdisciplinary program. The interdisciplinary program is a 36-hour program with a minimum of 18 hours in economics.

Requirements for Admission to the MS Degree in Economics

Students should see the Introduction to the College of Business Administration. However, in addition to the requirements listed in the Introduction, students should complete the following courses or their equivalents:

[The course in parentheses indicates the equivalent undergraduate course.]

ECON 5304 (2303, 2304)	Business Economics
ECON 5312 (3302)	The Economic
ECON 5311 (3303)	Environment
ECON 5311 (QMB 3201, QMB 3301, and MATH 2301)	Managerial Economics
	Quantitative Methods

Course of Study for the MS in Economics

All candidates must complete the following courses:

ECON 5302	Microeconomic Theory
ECON 5303	Macroeconomic Theory
ECON 5305	Applied Mathematical Economics
ECON 5370	Advanced Quantitative Methods in Economics

And one of the following options:

1. Thirty-hour Thesis Option (18 semester hours)
 - 12 - Graduate course hours in Economics or an approved minor.
 - 6 - ECON 5398 - Thesis and ECON 5399 - Thesis
2. Thirty-six hour Non-Thesis Option (24 semester hours)
 - 24 - Graduate course hours in Economics
 - or
 - 12 graduate course hours in Economics plus 12 hours in an approved minor.
3. Interdisciplinary Option (24 semester hours)
 - 18 - Graduate course hours in an approved minor
 - 6 - ECON 5398 and ECON 5399

The Department of Economics and Finance also participates in the Master of Business Administration and the Master of Accountancy degrees, the requirements for which are found under the College of Business Administration and Accounting sections in this catalog.

Course Information

For descriptions of course offerings, please click [here](#) and select **Economics (ECON)** or **Finance (FIN)**.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Hover here, then click toolbar to edit content

Information and Decision Sciences

205 Business Administration
Building
(915) 747-5496
cobids@utep.edu

CHAIRPERSON: Leo A Gemoets
PROFESSOR EMERITUS: Edward Y. George
GRADUATE FACULTY: Bagchi, Gemoets, Hall, Joseph, Kirs, Mahmood, Mukhopadhyay, Ruiz-Torres, Udo

The Information and Decision Sciences Department participates in the Master of Business Administration, the Master of Accountancy, and the Master of Science in Economics degrees. The requirements of these degrees are found under the College of Business Administration, Accounting, and Finance and Economics sections in this catalog.

Course Information

For descriptions of course offerings, please click [here](#) and select **Computer Information Systems (CIS)**, **Operations and Supply Chain Management (OSCM)**, or **Quantitative Methods (QMB)**.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Hover here, then click toolbar to edit content

Marketing and Management

230 Business Administration Building
(915) 747-5185
mandm@utep.edu

CHAIRPERSON: John Hadjimarcou

GRADUATE FACULTY: Brouters, Garcia, Hadjimarcou, Hoy, Ibarreche, Mendoza, Marsh, Michie, O'Connor, O'Donnell, Posthuma

The Department of Marketing and Management participates in the Master of Business Administration and the Master of Accountancy degrees. The requirements of these degrees are found under the College of Business Administration, Accounting, and Finance and Economics sections in this catalog.

Course Information

For descriptions of course offerings, please click [here](#) and select **Management (MGMT)** or **Marketing (MKT)**.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

College of Education

What's Inside

- [College of Education](#)
- [Educational Leadership and Foundations](#)
- [Educational Psychology and Special Services](#)
- [Teacher Education](#)







Hover here, then click toolbar to edit content

This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Educational Leadership and Foundations

501 Education Building
(915) 747-5300

PROFESSORS EMERITI: Herbert K. Heger, John B. Peper

GRADUATE FACULTY: Brooks, Daresh, Espinoza, Johnston, Mendez, Navarro, Pacheco, Rincones, Schulte, Sorenson

DOCTORAL FACULTY: Brooks, Daresh, Espinoza, Johnston, Mendez, Navarro, Pacheco, Rincones, Schulte, Sorenson, Staudt

LECTURER: Cortez

The Department of Educational Leadership and Foundations offers three graduate degrees: I) a *M.Ed. in Educational Administration* with focus on K-12 administration or leadership in higher education; II) a *M.A. in Education* with focus on educational leadership in higher education which includes writing a thesis; and III) an *Ed.D. in Educational Leadership and Administration*. In addition to these degrees the department offers course work leading to Texas certification in the areas of : 1) School Principal, and 2) School Superintendent. For additional information, see our website: <https://academics.utep.edu/edleadership>.

I. M.Ed. in Educational Administration

Students who wish to pursue graduate study directed toward developing leadership knowledge and skills may pursue a master's in educational administration with focus on: A) K-12 school administration or B) leadership in higher education.

A. Focus on K-12 Administration

The 36 credit hour Master's of Education (M.Ed.) degree program in Educational Administration with emphasis on K-12 administration is designed to meet the needs of students seeking to develop the knowledge, skills, and dispositions essential to becoming effective K-12 educational leaders. The program requires completion of a set of Foundation courses, General Administration courses, and Specialized Preparation courses.

Foundation Courses: All Foundation Courses must be taken prior to completing courses at the next level. All four courses will be offered every term throughout the academic year: EDAD 5310 *Administrative Leadership*; EDAD 5312 *Instructional Leadership*; EDAD 5340 *School-Community Leadership*; EDRS 5307 *Data-Based Decision Making*

Advanced Administration Courses: The Advanced Administration Courses will be completed by all students admitted into the program. Prerequisites for registration will be successful completion of at least three of the four Foundation Courses. The fourth Foundation Course may be in progress while the student registers for Advanced Administration courses. These courses include: EDAD 5314 *School-Based Budgeting*; EDAD 5342 **Educational Law**; EDAD 5345 *Educational Leadership in a Diverse Society*; EDAD 5348 *Administration of School Personnel and Services*.

Specialized Preparation Courses: The Specialized Preparation Courses may be completed while the student is also enrolled in one or more of the Advanced Administration Courses. These courses include: EDAD 5311 *Curriculum Renewal*, EDAD 5346 *Educational Program Planning and Evaluation* and EDAD 5352 *Integrative Instructional Leadership and Professional Development*. Students also take three hours from: SPED 5320 *Historical and Legal Basis in Special Education* or BED 5331 *Bilingual/Bicultural Curriculum Design and Development*. The purpose of these course offerings is to enable students without sufficient background and/or experiences to better understand major issues, trends, and practices associated with school administration in the areas of Special Education and Bilingual Education.

Exit Portfolio: Students will present a portfolio containing relevant and practical administrative-based material which includes a current resume, the Administrative Skills Assessment results (completed during EDAD 5310), an Educational Platform (completed during EDAD 5312), a community analysis paper (completed during EDAD 5340), along with other coursework activities as associated with the Learner-Centered Standards for Principals in Texas. The portfolio will be reviewed by faculty members and local expert school administrators to determine whether the individual student has demonstrated sufficient academic growth to warrant the granting of a Master's of Education (M.Ed.) degree in Educational Administration.

Students enrolled in the M.Ed. program may additionally seek admission into the Principal Preparation Program which culminates with principal certification in the state of Texas. (See section on Principal Certification.)

B. Focus on Higher Education Leadership

The M.Ed. degree program in Educational Administration with focus on leadership in higher education is designed to meet the needs of students seeking to develop the knowledge, skills, and dispositions essential to becoming effective educational leaders in higher education institutions. The program requires the following courses:

Foundation Courses: All three Foundation Courses must be taken prior to completing courses at the next level and will be offered every term throughout the academic year: EDAD 5310 *Administrative Leadership*; EDAD 5312 *Instructional Leadership*; and EDAD 5340 *School-Community Leadership*

Higher Education Courses: All students enrolled in the M.Ed. program with focus on higher education will complete 21 semester hours in higher education. Prerequisites for registration will be successful completion of the three Foundation Courses. Students enroll in EDAD 5390 *Introduction to Higher Education*; EDAD 5391 *History of Higher Education*; EDAD 5393 *Higher Education Law*; and EDAD 5394 *Higher Education Governance*; and take three courses from: EDAD 5345 *Educational Leadership in a Diverse Society*; EDAD 5346 *Educational Program Planning and Evaluation*; EDAD 5385 *Ethics of Leadership in Education*; EDAD 5386 *Educational Policy Development*; and EDAD 5397 *Student Development Theory*.

Research Courses: The following Research Courses may be completed while the student is also enrolled in one or more of the Advanced Higher Education Courses: EDRS 5305 *Educational Research and Statistics* and EDRS 5306 *Qualitative Research*.

Exit Portfolio. Students will present a portfolio containing relevant and practical administrative-based material which includes a current resume, the Administrative Skills Assessment results (completed during EDAD 5310), an Educational Platform (completed during EDAD 5312), a community analysis paper (completed during EDAD 5340), along with other coursework activities. The portfolio will be reviewed by faculty members to determine whether the individual student has demonstrated sufficient academic growth to warrant the granting of a Master's of Education (M.Ed.) degree in Educational Administration.

II. Master of Arts in Education

The Master of Arts degree in Education is a college-wide degree designed for students specializing in education who wish to pursue research and to continue studies beyond the master's degree. The department offers a M.A. in Education with focus on educational administration and leadership in higher education.

Focus on Educational Administration and Higher Education Leadership

The M.A. in Education with focus on educational administration and leadership in higher education requires the following courses which are taken in the same order as in the M.Ed. with focus on leadership in higher education:

Foundation Courses: EDAD 5310 *Administrative Leadership*; EDAD 5312 *Instructional Leadership*; and EDAD 5340 *School-Community Leadership*.

Higher Education Courses – All students enrolled in the M.A. in Education program with focus on higher education will complete 15 semester hours in higher education. Students enroll in EDAD 5390 *Introduction to Higher Education*; EDAD 5393 *Higher Education Law*; and EDAD 5394 *Higher Education Governance* and take two courses from: EDAD 5345 *Educational Leadership in a Diverse Society*; EDAD 5346 *Educational Program Planning and Evaluation*; EDAD 5385 *Ethics of Leadership in Education*; EDAD 5386 *Educational Policy Development*; and EDAD 5397 *Student Development Theory*.

Research Courses: Students enroll in EDRS 5305 *Educational Research and Statistics*; EDRS 5306 *Qualitative Research*.

Thesis Courses: A thesis and oral defense must be satisfactorily completed to meet the M.A. in Education degree requirements. Students enroll EDAD 5398 *Thesis Research*; and EDAD 5399 *Thesis Writing*.

Admission Requirements for the M.Ed. and M.A. in Education Degrees

Students seeking admission to the M.Ed. and the M.A. in Education must complete the following prior to the semester in which they first plan to enroll. Application deadlines for the department may differ from those of the Graduate School.

- **Unconditional** admission into the M.Ed. and M.A. in Education degree programs requires the following:
 - a. Application for admission to the Graduate School;
 - b. Completion of a bachelor's degree from an accredited university;
 - c. Attainment of an undergraduate cumulative Grade Point Average (GPA) of at least 3.00; or
 - d. Attainment of an undergraduate GPA of no less than 3.00 in all upper division undergraduate coursework;
 - e. Evidence of successful completion of at least 12 semester hours of coursework in upper division undergraduate coursework in professional education;
 - f. A written statement by the applicant describing personal and professional goals as related to the focus of the M.Ed. and M.A. programs in Educational Administration.

- **Conditional** admission may be granted to applicants who have been denied unconditional admission to the program. The Admissions Review Committee of each program will consider and make recommendations to admit applicants conditionally. Terms of any conditional admittance will be determined on an individual basis, and will be specified in writing to the Graduate School and to the applicant.

Non-Degree Programs

In addition to the M.Ed. and M.A. in Education degree programs, the department offers coursework leading to Texas certification in the areas of: 1) School Principal, and 2) School Superintendent. The Principal Certification Program is available to students who have completed the M.Ed. in Educational Administration in the department as well as to students with a master's degree from another related field.

Principal Certification Program for Students with M.Ed. in Ed. Administration

A separate application and review process will be completed by those, who after completing a M.Ed. in Educational Administration in the department seek admission into the program. When applying to the Principal Certification Program students must submit three professional letters of recommendation and have 1) a valid Texas teaching certificate, 2) a minimum of two years teaching experience, and 3) a passing score (80% or greater) in the TExES Qualifying Examination. The application and review process will occur during the final semester of coursework as listed in the student's approved Plan of Study. The review is based on the standards-based Exit Portfolio presentation which serves as a culmination of learning experiences during the Master's of Education (M.Ed.) degree program.

The Principal Certification Program requires two additional internship courses and culminates with certification as a school principal in the state of Texas. The internship courses are: EDAD 5375 *School Management Internship I* and EDAD 5376 *School Management Internship II*. Students who participate in internships with agencies or school districts requiring background checks must successfully pass the background check in order to complete this requirement. Additionally, a background check is required to be certified as a school principal in the State of Texas.

Principal Certification Program for Students without M.Ed. in Ed. Administration

Students who do not have a M.Ed. in Educational Administration from the department and who wish to pursue principal certification must apply to Graduate School for admission to Principal Certification Program and then submit to the Department of Educational Leadership and Foundations (EDLF): 1) Documentation of Master's degree in Education or related field; 2) Documentation of two years of classroom teaching experience in an accredited school; 3) Three letters of recommendation from school or central office supervisors; 4) A statement of vision and personal belief about the Principalship. A review process and admission recommendation by the Principal Preparation Program Committee will be completed prior to admission into the program (Conditional Admission). Students who participate in internships with agencies or school districts requiring background checks must successfully pass the background check in order to complete this requirement. Additionally, a background check is required to be certified as a school principal in the State of Texas.

Foundation Courses: The Principal Certification Program requires that all students complete the four Foundation Courses: EDAD 5310 *Administrative Leadership*; EDAD 5312 *Instructional Leadership*; EDAD 5340 *School-Community Leadership*; EDRS 5307 *Data-Based Decision Making*. Upon completion of the Foundation Courses, students must score at least 80% in the TExES Qualifying Exam in order to be classified as Unconditionally Admitted. If not successful in the Qualifying Exam students may continue taking courses as Conditionally Admitted.

Students are expected to complete the following program courses, or show evidence of competence in the required standards for principal certification through previous coursework and/or professional experiences consistent with the specifications established in the Texas State Board for Educator Certification (SBEC 21.046) policy:

- **General Administration Courses:** EDAD 5314 *School-Based Budgeting*; EDAD 5342 *Educational Law*; EDAD 5345 *Educational Leadership in a Diverse Society*; and EDAD 5348 *Administration of School Personnel and Services*.
- **Specialized Courses:** EDAD 5311 *Curriculum Renewal*; EDAD 5346 *Educational Program Planning and Evaluation*; EDAD 5352 *Integrative Instructional Leadership and Professional Development*; plus 3 hours from: SPED 5320 *Special Education – Historical and Legal Basis* or BED 5351 *Bilingual/Bicultural Curriculum Design and Development*.
- **Internship:** After scoring (>= 80%) in the TExES Qualifying Exam, which is a prerequisite to the internship, students enroll in EDAD 5375 *School Management Internship I* and EDAD 5376 *School Management Internship II*.
- **Exit Portfolio:** Additionally, students develop as part of the foundation core courses and throughout the program a professional portfolio reflective of the TExES domains and competencies for principal certification.

After completing all the program requirements students are able to register for the TExES Principal Exam (068).

Superintendent Certification Program

The Department of Educational Leadership and Foundations offers a Superintendent Preparation/Certification Program. Students who wish to pursue superintendent certification must apply to the Graduate School for admission and then submit to the Department of Educational Leadership and Foundations: 1) Documentation of master's degree, 2) Documentation of Texas principal certification (prior to 1996 or mid-management administrator 1973 program), and 3) Three letters of recommendation from school or central office personnel. A review process and admission recommendation by the Superintendent Preparation Program Committee will be completed prior to admission into the program.

The program is designed as a follow-through educational leadership experience to the principal preparation program to prepare students for 1) executive level positions in school districts, and 2) for the TExES Superintendent Exam (064). Students enrolled in the program are required to complete the following courses: EDAD 5380 *School Organization, Reform and Renewal*, EDAD 5382 *Educational Finance*, EDAD 5384 *Educational Facilities Management*, EDAD 5386 *Educational Policy Development*, EDAD 5388 *Central Office Administration*, and EDAD 5389 *School Superintendent Internship*. Students who participate in internships with agencies or school districts requiring background checks must successfully pass the background check in order to complete this requirement. Additionally, a background check is required to be certified as a school superintendent in the State of Texas.

Superintendent Certification plans must be approved by the faculty advisor, the director of the Superintendent Preparation Program Committee, and the certification officer. After completing all the program requirements students are able to register for the TExES Superintendent Exam (064).

III. Ed.D. in Educational Leadership and Administration

The Doctor of Education (Ed.D.) degree program in Educational Leadership and Administration offers students opportunities to develop the added knowledge, skills, and experiences necessary for leadership roles in educational settings. Typically, graduates of the doctoral program prepare for positions in three general career areas: 1) Central office and school site leadership, 2) Leadership in higher education and other educational settings, and 3) Leadership in educational policy and evaluation. Unique program features are: emphasis on educational leadership issues in the U.S.-Mexico border with opportunities for research in this cultural and linguistically diverse region, and a cohort program which provides a sense of community and mutual support during students' doctoral experiences.

Requirements for Admission

Admission to the program is based on a variety of factors, including academic achievement, the probability of success in performing doctoral level work, and perceived fit with the cohort experience. The following criteria are considered: a) Written Letter of Intent, b) Curriculum Vitae/Resume, c) Letters of Recommendation, d) Statement of Personal Beliefs, e) Transcripts, f) Graduate Record Exam (GRE), g) Completion of a Master's Degree, h) Faculty Interview.

Completion of a Master's Degree: Students entering the doctoral program should have completed a master's degree in educational administration or leadership, or an equivalent field. In cases where the degree was not in the field of educational administration or leadership, students may be required to enroll in master's level courses and other learning experiences as determined by the program faculty advisor. Courses required to remove deficiencies or meet prerequisites will not count toward meeting doctoral degree credit-hour requirements. These requirements must be met before permission will be granted to enroll in the doctoral core courses.

Selection of Doctoral Students: Applicants who consistently demonstrate potential for success throughout the application process may be accepted to the Ed.D. program. Admission to the program is competitive. The number of applicants commonly exceeds the faculty resources available to provide an appropriate level of academic support for each new and continuing student. As a result, it is often necessary to deny admission to otherwise qualified applicants.

Pre-Admission Course-Taking: Students are discouraged from taking courses prior to admission to the program and are cautioned that doing so will not be a factor in doctoral program admission decisions. If students, nevertheless, wish to take courses, they may not take core courses or research methods courses. No more than six semester credit hours of work may be transferred from other universities or from UTEP for credit toward the doctoral degree.

Application Process: The admission application deadline is March 15. The selection of cohort members is completed by April 15. Application materials should be sent to two different offices: the Graduate School, and the Department of Educational Leadership and Foundations.

Graduate School (Application Evaluator; Academics Services Bldg. Room 223; 915-747-5491):

- Graduate School Admissions Application (You may apply on-line at www.utep.edu/graduate/)
- Official transcripts of all undergraduate and graduate coursework completed
- Graduate Record Examination (GRE) – Verbal, Quantitative, and Analytic Writing scores. To schedule the GRE, call the GRE Center at (800) 473-2255 or the Prometric Center in El Paso at (915) 842-7500.
- Application fee
- TOEFL exam required for international students

Department of Educational Leadership and Foundations (Education Bldg. Room 501; Phone: 915-747-5300) / Fax: (915-747-5838):

- Letter of intent
- Curriculum vitae/resume
- Typed, double-spaced statement of personal beliefs regarding educational leadership, which includes short and long-term career goals and aspirations (maximum 1,500 words)
- Three letters of reference that focus on applicant's achievements, leadership ability and aptitude for graduate study
- Any additional information (publications, papers submitted in graduate courses, etc.) that may enhance the application

For further information about the program, see the Department of Educational Leadership and Foundations website, <http://edleadership.education.utep.edu/>

Degree Program Requirements

Credit Hour Requirements: The minimum credit hour requirement is 60 semester credit hours beyond the Master's degree. Students may be required to take additional courses to address particular specialization interests. Minimum credit hours shall be distributed in the following way:

- Doctoral Core Courses (18 credit hours)
- Specialization Area Courses (12 credit hours) and
- Electives (6 credit hours)
- Research Design and Methodology Courses (12 credit hours)
- Field-Based Learning (3 credit hours)
- Capstone Course (3 credit hours)
- Dissertation (6 credit hours)

Doctoral Core (18 credit hours): The doctoral program core consists of six courses: EDAD 6300 *Introduction to Doctoral Program*; EDAD 6301 *Historic and Philosophical Foundations of Education*; EDAD 6304 *Seminar on Organizational Theory and Development*; EDAD 6306 *Seminar in Decision Making and Problem Solving in Education*; EDAD 6310 *Evaluation, Accountability, and Policy Analysis Models*; and POLS 6303 *Seminar in Cultural, Linguistic, and Political Borders*. These courses are offered as follows: one in the summer session of the year of admission, two courses in the fall and spring semesters respectively, and one in the summer session of the following year. Students are required to take the six core courses during the first year of academic studies. First year students may not take an additional course during a semester in which they drop a core course.

Transfer of Credits: No more than six semester credit hours of work may be transferred from other universities or from UTEP for credit toward the doctoral degree. Transfer of credit is subject to approval by the Doctoral Program Committee. Transfer courses must be post-master's, not for a specialist's degree, and must fit well with the program, as determined by the Committee.

Specialization Area Courses (12 credit hours): After the completion of the core, students—with guidance and approval from their Faculty Advisor and the Director of the Doctoral Program Committee—will identify a program area of specialization in their doctoral work and select courses related to this area.

Electives (6 credit hours): Additionally, students select two courses within the department or from other academic units of the university, which will add to their specialization area. Educational Leadership and Foundations courses must be at the level of 5380 or higher. Other UTEP courses must be at the 5300 level or higher. Courses taken to attain prior academic degrees are not accepted as electives.

Research Design and Methodology Courses (12 credit hours): Students enroll in twelve hours of course work in the areas of quantitative and qualitative research design and methodology: EDRS 6302 *Educational Research Methods*; EDRS 6315 *Qualitative Research Methods I*; EDRS 6318 *Quantitative Research Methods I*; and 3 hours from: EDRS 6316 *Qualitative Research Methods II* and EDRS 6319 *Quantitative Research Methods II*. These courses help students develop the skills and knowledge needed to carry out effective independent research during the dissertation phase of the doctoral program.

Field-Based Learning (3 credit hours): Students enrolled in the program are expected to complete three semester credits in field-based learning activities which are designed to provide opportunities for practical application of the theoretical concepts acquired in core and elective courses. Take note that EDAD courses completed as part of an earlier master's or certification program cannot be transferred into the doctoral program. The two courses which may satisfy this requirement are: 1) EDAD 6350 *Internship in Leadership* or 2) EDAD 5389 *School Superintendent Internship*.

Capstone Doctoral Course (3 credit hours): All doctoral students, prior to developing a formal proposal or beginning work on the dissertation, will be required to take EDAD 6380 *Capstone Doctoral Seminar*. This culminating course must be taken in the last semester of doctoral coursework and prior to EDAD 6398 *Dissertation Research*. The Capstone Doctoral Course takes the place of the Qualifying/Comprehensive Examination. Successful completion of the course advances students to doctoral candidacy. The course is aimed at ensuring that students are fully prepared to begin work on the dissertation and are able to demonstrate a range of skills and abilities, including an ability to frame a dissertation research question; undertake a thorough, focused literature review; make a decision regarding the type of research design that makes sense given the question; and define the type of data analyses that make possible the reaching of certain conclusions.

Dissertation: After successful completion of EDAD 6380 *Capstone Doctoral Seminar* and advancement to candidacy, students take EDAD 6398 *Dissertation Research* and EDAD 6399 *Dissertation Writing*.

Advising and Assessment of Students

The Doctoral Program Committee is vested with the responsibility of making key decisions regarding the doctoral program and related issues. Among the issues to be decided by the Doctoral Program Committee are: assignment of first year Faculty Mentors and Program Advisors, review of requests to transfer up to six semester hours upon entry into the doctoral program, and approval of dissertation committees. Doctoral faculty support students in three different roles as:

- **Faculty Mentor:** A Faculty Mentor will be assigned to each doctoral student after admission to the program to provide her/him with guidance and support during the first year of study.
- **Program Advisor:** A Program Advisor who will assist each student in preparing and carrying out a doctoral plan of study will be identified during the Fall Semester of the second year. The Program Advisor may be the same person as the Faculty Mentor, but does not need to be.
- **Dissertation Committee Member:** A student's dissertation committee will be officially formalized after successful completion of all coursework and of the Capstone Doctoral Seminar and advancement to candidacy. The committee will include at least four faculty members (usually three members of the Doctoral Program faculty and one from outside the department).

Degree Plans: A draft of the Preliminary Degree Plan will be prepared by the Faculty Mentor in consultation with the student before the completion of the first year. By the end of the first year of study, a final version of the Preliminary Degree Plan will be prepared and forwarded to the Doctoral Program Committee for review and approval. The Preliminary Degree Plan will then be forwarded to the Graduate School for approval. Once approved, a copy will be sent to the student and the Doctoral Program Committee. Any proposed modification to the approved Preliminary Degree Plan must be approved by the Program Advisor and the Doctoral Program Committee.

Interim Review: At the end of the second summer of the program all students, irrespective of whether they have completed all core courses, will be reviewed by the faculty members who taught the Core Courses. This Interim Review will address issues including: progress in the program; course work to date; writing and clarity of conceptual thinking; commitment to the doctoral program; and potential research interests. The review is designed to reveal the doctoral nominee's academic strengths and weaknesses and the probability of the nominee's successful completion of the program through the doctoral dissertation.

Capstone Course: All doctoral students, prior to developing a proposal or beginning work on the dissertation, will be required to take a Capstone Doctoral Seminar which takes the place of the Qualifying or Comprehensive Examination. Successful completion of the course will advance students to doctoral candidacy. The Doctoral Program Committee will be responsible for the design of the Capstone Seminar and criteria for evaluating student performance in the course. Course design and evaluation criteria will be reviewed and approved by the full faculty.

Dissertation

Students may not register for dissertation courses until they have successfully completed the Capstone Doctoral Seminar (EDAD 6380) and advanced to candidacy. The dissertation research course (EDAD 6398) must precede the dissertation writing course (EDAD 6399) and the student cannot enroll in these courses simultaneously. A dissertation is required of every candidate. It must address a topic of educational significance, contribute to scholarship, derive from independent investigation in the major area, and be approved by the Dissertation Committee.

Dissertation Committee: The Doctoral Program Committee in consultation with the student will appoint a Dissertation Committee. Committee appointments will take into consideration faculty academic expertise in the student's specialization area and the Department's interest in maintaining workload balance among faculty. The Dissertation Committee shall include at least four faculty members (three members of the Doctoral Program faculty and one from outside the department). The Dissertation Committee approves the dissertation proposal, advises the student on the research and writing of the dissertation, and conducts the final dissertation oral examination.

Dissertation Proposal: Students work with their Dissertation Committee in planning, designing, and implementing independent scholarly research. They enroll in EDAD 6398 *Dissertation Research* during this period, and develop a dissertation proposal with their Doctoral Dissertation Committee. Students continue to enroll in EDAD 6398 until the proposal is approved by the Dissertation Committee. Once the dissertation proposal has been approved, the doctoral candidate will enroll in EDAD 6399 *Dissertation Writing* until the dissertation is completed.

Dissertation Defense: A satisfactory final oral defense of the dissertation is required. The Department of Educational Leadership and Foundations will publish the time and place of this examination. College of Education faculty members are encouraged to attend, and the exam is open to all members of the University community and the public. Dissertation Committee members indicate their approval by signing the Dissertation Defense form that is then submitted to the Graduate School. A majority of the Dissertation Committee members must approve the dissertation. The results of the review are then communicated to the student.

Graduation: At the beginning of a student's last semester, she/he must complete a Graduation Application form, have it signed by the Doctoral Dissertation Committee, and submit this form to the Graduate School along with the appropriate diploma fee. Students are strongly encouraged to visit the Graduate School at the beginning of the semester in order to ensure compliance with all required deadlines. Once all program requirements are met, the candidate will be awarded the degree of Doctor of Education.

Course Information

For descriptions of course offerings, please click [here](#) and select **Educational Administration (EDAD)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Educational Psychology and Special Services

701 Education Building
(915) 747-5221
edpsych@utep.edu

INTERIM CHAIR: Don Combs

GRADUATE FACULTY: Argus-Calvo, Combs, Cortez-Gonzalez, Guo, Haley, Hammond, Ingalls, Johnson, Trussell

Graduate Programs and Plans

The Educational Psychology and Special Services Department offers two graduate degrees. The Master of Arts in Education degree is designed for students wishing to pursue research and to continue studies beyond the master's degree level. The Master of Education degree is directed toward the professional who wishes to prepare for specialized professional practice as a school or community counselor, educational diagnostician, or special educator. Students pursuing this degree choose the Educational Diagnostician major, Guidance and Counseling major, or Special Education major.

In addition to these degree programs, the Department offers coursework leading to School Counselor and Educational Diagnostician certification by the State Board for Educator Certification. Additionally, completion of the Master of Education in Guidance and Counseling (School Counseling Emphasis or Community Counseling Emphasis) prepares the student with the academic coursework necessary for licensure as a Professional Counselor (LPC) in Texas. Guidance and Counseling majors can also complete coursework necessary for licensure as a Marriage and Family Therapist (LMFT) in Texas.

Master of Arts in Education

The Master of Arts degree is designed for students who wish to pursue research and to continue studies beyond the master's degree level. Students may work with the Department of Educational Psychology and Special Services, specifically in the areas of Educational Diagnostician, Guidance and Counseling, and Special Education, to develop a plan of study. This thirty-semester hour thesis program is described under the College of Education Introductory section.

Master of Education

The Educational Psychology and Special Services Department offers the M.Ed. degree with the following majors:

- Educational Diagnostician
- Guidance and Counseling (School or Community)
- Special Education

Admission Requirements

Students seeking admission to a graduate program in the Department must:

1. Submit an application to the Graduate School.
2. Have a grade point average (GPA) of: 3.0 (cumulative or in student's major or in all upper division coursework).
Note: A 3.25 GPA is required in order to be interviewed for admission to the Guidance and Counseling Program.
3. Submit a resume and three letters of reference to the Department.
4. Guidance and Counseling applicants only: Have an interview with program faculty.
5. Guidance and Counseling applicants only: Complete a writing sample on site at the time of the interview.

Applicants' grade point average, references, interview and writing sample will be deciding factors in the admission process.

Note: Guidance and Counseling students accepted for admission will be fully admitted. Special Education and Educational Diagnostician students accepted for admission will be conditionally admitted for their first semester. Additional admission requirements are specified below.

Educational Diagnostician

This program is intended for graduate students who possess a Texas Provisional Teaching Certificate and are interested in working with the Special Education system in the public schools. The applicant should confer with the Graduate Advisor to determine additional requirements for State Board of Educator Certification as a Professional Educational Diagnostician.

Basic Requirements: Completion of a minimum of twelve semester hours of advanced professional special education with a grade of "B" or better. The following courses are required: SPED 4330 (Diagnosis and Placement in Special Education); SPED 4340 (Transition Education for Special Learners) **or** SPED 5370 (Teaching Secondary Learners with Mild Disabilities); SPED 5361 (Cultural Principles of Positive Behavior Supports) **or** SPED 5363 (Education of Learners with Emotional/Behavioral Disorders) and EDPC 5370 (Special Topic: Focused on Learning and Memory). The applicant must have two years of teaching experience prior to applying to this program. Students who participate in internships with agencies or school districts requiring background checks must successfully pass the background check in order to complete this requirement. Additionally, a background check is required to be certified as a school diagnostician in the State of Texas.

Program (36 semester hours)

SPED	5320	Special Education: Historical and Legal Basis
SPED	5330	Early Intervention for Young Children and Their Families
SPED	5345	Interventions for Students with High Incidence Disabilities
EDPC	5310	Applied Research Design for Educators
SPED	5347	Working with Parents of Learners with Special Needs
SPED	5371	Teaching Students with Severe Disabilities
EDPC	5334	Culturally Responsive Classroom Based Assessment
SPED	5337	Assessment: Disability and Cultural/Linguistic Factors
EDPC	5336	Advanced Educational Appraisal
EDPC	5344	Use and Interpretation of Cognitive Measures
EDPC	5348	Application of Assessment for the Delivery of Instruction for "At Risk" Students

Final Requirements: Students will present an oral presentation of their student portfolio to the faculty and achieve a passing score on the TExES for certification of Educational Diagnostician.

Certification: TExES exam (Texas Examination of Educator Standards)
Total: 36 semester hours

Guidance and Counseling

Applicants must have completed at least a bachelor's degree prior to applying to the Graduate School for admission.

School Counseling Emphasis

This plan is intended primarily for those wishing to be public school counselors.

Additional Admission Requirements Necessary for an Interview: Completion of a minimum of nine semester hours of undergraduate upper-division coursework in Professional Education, Behavioral Science (Psychology, Sociology, Social Work and /or Criminal Justice) or Nursing with grades of "B" or better (must be completed prior to admission to the program). SPED 5320, Special Education: Historical and Legal Basis, is an additional prerequisite requirement but may be taken after admission to the program. Successful completion of an Alternative Certification Program also meets prerequisite requirements although SPED 5320 is still required. Students applying as Professional Educators should have completed the teacher certification process prior to applying. Teaching experience is not required prior to applying. Students who participate in internships with agencies or school districts requiring background checks must successfully pass the background check in order to complete this requirement. Additionally, a background check is required to be certified as a school counselor in the State of Texas.

Core Requirements (6 semester hours)

EDPC	5317	Human Growth and Development
EDPC	5341	Theories of Counseling

Specialization (27 semester hours)

EDPC	5320	Lifestyle and Career Development
EDPC	5321	School Counseling
EDPC	5324	Ethical, Legal, and Professional Issues in Counseling
EDPC	5338	Group Counseling
EDPC	5339	Techniques of Counseling
EDPC	5345	Abnormal Human Behavior
EDPC	5346	Counseling Multi-Cultural and Diverse Populations
EDPC	5360	Introduction to Marriage and Family Therapy
EDPC	5362	Counseling Children, Adolescents and Their Families

Related Area (6 semester hours)

EDPC	5310	Applied Research Design for Educators
EDPC	5335	Principles of Appraisal and Assessment

Clinical Sequence (9 semester hours)

EDPC	5371	Counseling Practicum
EDPC	5372	Counseling Internship I
EDPC	5373	Counseling Internship II

Comprehensive Examination: During final semester of coursework.

Total: 48 semester hours

Note: Students with prior master's degrees in Community or Mental Health Counseling wishing to become school counselors, may apply through the Graduate School as Certification Only students and must take specified coursework in school counseling, including an internship through UTEP in a school setting, in order to be recommended to take the School Counselor TExES exam.

School Counselor Certification: In addition to the completion of the 48 hours master's degree program, a student must also have:

1. Valid Texas Teaching Certificate.
2. Two years of classroom teaching experience in an accredited public, private, or parochial school.
3. Satisfactory completion of the Texas Examination of Educator Standards (TExES) for School Counselors.

Licensure: For licensure as a Professional Counselor in Texas, in addition to the 48 hours Master's Program, a student must have:

1. 3,000 clock hours of supervised experience and
2. Satisfactory completion of the Texas State Board Examination of Professional Counselors.

Community Counseling Emphasis

This plan is intended primarily for those pursuing employment as community counselors in a public or private agency or hospital settings.

Additional Admission Requirements Necessary for an Interview: Completion of twelve semester hours of undergraduate upper-division course work in Professional Education or Behavioral Science (Psychology, Sociology, Social Work, and/or Criminal Justice) and/or Nursing with grades of "B" or better (must be completed prior to admission to the program). Any combination of courses in the above areas is permitted.

Core Requirements (6 semester hours)

EDPC	5317	Human Growth and Development
EDPC	5341	Theories of Counseling

Specialization (27 semester hours)

EDPC	5320	Lifestyle and Career Development
EDPC	5322	Community and Agency Counseling
EDPC	5324	Ethical, Legal, and Professional Issues in Counseling
EDPC	5338	Group Counseling
EDPC	5339	Techniques of Counseling
EDPC	5345	Abnormal Human Behavior
EDPC	5346	Counseling Multi-Cultural and Diverse Populations
EDPC	5360	Introduction to Marriage and Family Therapy
EDPC	5362	Counseling Children, Adolescents, and Their Families

Related Area (6 semester hours)

EDPC	5310	Applied Research Design for Educators
EDPC	5335	Principles of Appraisal and Assessment

Clinical Sequence (9 semester hours)

EDPC	5371	Counseling Practicum
EDPC	5372	Counseling Internship I
EDPC	5373	Counseling Internship II

Comprehensive Examination: During final semester of coursework.

Total: 48 semester hours

Licensure: For licensure as a Professional Counselor (LPC) in Texas, in addition to the 48 hours Master's Program, a student must have:

1. Satisfactorily completed the National Counselor Exam as administered by the Texas State Board Examiners of Professional Counselors
2. 3,000 clock hours of supervised experience by an Approved Supervisor.
3. Satisfactorily completed a jurisprudence examination administered by the Texas State Board of Examiners of Professional Counselors.

Special Education

This plan is intended primarily for students who have concentrated their previous academic work in any area of education. The applicant should confer with the Graduate Advisor to determine which specialization he or she will pursue.

Additional Admission Requirements: Valid Texas Teaching Certificate or equivalent; three years of teaching experience by time of program completion. All options require a valid Texas Teaching Certificate in Generic Special Education.

Core Requirements (12 semester hours)

EDPC 5310	Applied Research Design for Educators
SPED 5320	Special Education: Historical and Legal Basis
SPED 5322	Teaching Culturally and Linguistically Diverse Learners with Special Needs
SPED 5347	Working with Parents of Learners with Special Needs

Specialization (24 semester hours in only one of the following options)

*Learning Disabled (Option 1)

EDPC 5334	Culturally Responsive Classroom Based Assessment
SPED 5330	Early Intervention for Young Children and their Families or
SPED 5370	Teaching Secondary Students with Mild Disabilities
SPED 5340	Theories of Learning Across the Lifespan
SPED 5345	Interventions for Students with High Incidence Disabilities
SPED 5363	Education of Learners with Emotional/Behavioral Disorders or Disorders
SPED 5361	Cultural Principals of Positive Behavioral Supports
SPED 5369	Teaching Reading to Learners with Mild Disabilities
SPED 5321	Topics in Culturally and Linguistically Diverse Education for Learners with Special Needs
SPED 5378	Research and Applications in Special Education

*Severely Emotionally Disturbed (Option 2)

SPED 5330	Early Intervention for Young Children and their Families or
SPED 5370	Teaching Secondary Students with Mild Disabilities
SPED 5340	Theories of Learning Across the Lifespan
SPED 5361	Applied Behavior Analysis
SPED 5363	Education of Learners with Emotional/Behavioral Disorders
SPED 5369	Teaching Reading to Learners with Mild Disabilities
SPED 5373	Teaching Students with Autism
SPED 5321	Topics in Culturally and Linguistically Diverse Education for Learners with Special Needs
SPED 5378	Research and Applications in Special Education

*Bilingual Special Education (Option 3)

SPED 5321	Topics in Culturally and Linguistically Diverse Education for Learners with Special Needs
BED 5331	Bilingual/Bicultural Curriculum
SPED 5337	Assessment: Disabilities and Cultural/Linguistic Factors
SPED 5345	Interventions for Students with High Incidence Disabilities
SPED 5350	Special Topic: Diagnosis and Placement or
SPED 5361	Applied Behavior Analysis or
SPED 5363	Education of Learners with Emotional/Behavioral Disorders

Electives: SPED 5330 or 5370.

*Autism (Option 4)

SPED 5330	Early Intervention for Young Children and Their Families
SPED 5361	Applied Behavior Analysis
SPED 5371	Teaching Students with Severe Disabilities
SPED 5372	Trends and Issues in Autism
SPED 5373	Teaching Students with Autism
SPED 5374	Language Disorders in Autism
SPED 5376	Developmental Aspects of Autism
SPED 5378	Research and Application in Special Education

Capstone Project:

Students will be required to conduct research and develop a project relevant to their local community or school with regard to the education of students with special needs. The research project should be suitable for distribution in the schools.

Total: 36 semester hours

Course Information

For descriptions of course offerings, please click [here](#) and select **Educational Psychology and Counseling (EDPC) or Special Education (SPED)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Teacher Education

601 Education Building
(915) 747-5426
tedgrad@utep.edu
<https://academics.utep.edu/tedgrad>

CHAIR: Arturo Olivarez

PROFESSORS EMERITI: Lou Ella Burmeister, Norma G. Hernandez, Joe Lars Klingstedt, James Milson

ASSOCIATE PROFESSORS EMERITI: Mary Louise Zanders Aho, John Paul Scarborough

GRADUATE FACULTY:

PROFESSORS: Ainsa, Bixler-Márquez, González, Huerta-Macias, Hurley, Tchoshanov, Tinajero

ASSOCIATE PROFESSORS: Cashman, Dworin, Giza, Godina, González, Hampton, Izquierdo, Luykx, Munter, Rossatto, Seda, Soto Mas

ASSISTANT PROFESSORS: Awat, Araujo, Carrejo, De La Piedra, Esquinca, Kephart, Kosheleva, Mein, Noboa, Peregrino, Reyes, Robertson, Ullman, Wagler

The Teacher Education Department offers graduate programs that provide advanced professional education knowledge and skills for application in school and non-school settings. Students who wish to pursue master's degrees in Teacher Education may select from two programs: the Master of Arts in Education and the Master of Education. The Master of Arts is designed for students wishing to pursue research and/or continue studies beyond the master's degree level. The Master of Education degree is directed toward mastery of professional education practice. Students pursuing the Master of Education may major in Instructional Specialist or Reading Education. The department also offers a doctoral program of study, the Ph.D. in Teaching, Learning and Culture.

Admission Requirements

Before admission to the Teacher Education Graduate Program, applicants must comply with the **General Admission Requirements** section of the University's Graduate Catalog. Those applicants whose bachelor degree is in a field other than education will be assigned educational practicum and/or undergraduate course work to serve as leveling experiences in preparation for the master's level educational programs. These leveling experiences will be assigned by the department advisors. Letters of recommendation must be provided. Additional information:

- No more than 6 semester hours of graduate work (with a grade of "B" or better required) may be transferred from another institution.
- Courses taken prior to formal admission into a graduate program cannot be counted toward a graduate degree without the specific recommendation of the departmental committee on graduate studies and approval of the Graduate School. Applicants may also be invited to an interview.

For more information about admission, please visit the Department's Graduate Program website at <https://academics.utep.edu/tedgrad> and read the College of Education and Graduate School sections of the Graduate Catalog.

Program Advising

- Students are advised to view the information on the Department website at <https://academics.utep.edu/tedgrad> or contact the Department for more specific information regarding admission, advising, degree options and requirements, and comprehensive exams.
- Students will be assigned a graduate faculty advisor at the time of admission to the program.
- Students should maintain a continuing advising relationship with the faculty advisor which includes preparing and updating their degree plan, making course selections, and requesting a comprehensive examination or thesis defense.

Degree Programs

Ph. D in Teaching, Learning, and Culture

Please see the website for more information about the program: www.utep.edu/education/tedphd

The Department of Teacher Education's Ph.D. in Teaching, Learning, and Culture is designed to prepare professionals to conduct research that can inform the national debate about aims in education, standards, and equity. The program seeks to develop knowledge in important need areas with particular relevance for urban education, the southwest border region, Texas, and beyond. Graduates will also be prepared to:

- Conduct research using appropriate methodologies to study curriculum and instruction;
- Design innovative instructional strategies to promote the cognitive and social development of all learners;
- Expand on the existing pedagogical knowledge base about learners from linguistically and culturally diverse backgrounds;
- Utilize effective and innovative educational research and evaluation designs and processes;
- Provide significant contributions to the research literature on educational reform.

Admission Processes and Requirements

All students must be first admitted by the Graduate School. For more information regarding the Graduate School's policies, please reference the Graduate School section of this catalog or the Graduate School website.

The Teacher Education Department application materials should be submitted as a single package directly to the department. Applicants may mail the materials to Education Building, Room 601, El Paso, Texas, 79968. Students may also email all materials with the exception of letters of recommendation, which must either be mailed or emailed directly by the individual providing the recommendation. All emailed materials should be provided in Word (doc.) or PDF format. Each mailed recommendation letter should be sealed, and the person providing the recommendation should sign his or her name across the sealed portion of the envelope.

1. **Graduate School Application:** Online applications only at <https://apply.embark.com/grad/UTEP/17/>
2. **Departmental Application Form:** Complete and return the form (available at www.utep.edu/education/tedphd) to the Department.
3. **Three Letters of Recommendation:** Submit three letters of recommendation from individuals able to comment on our potential to succeed in a doctoral program. Have the three letters sent directly to the Teacher Education office. It is strongly recommended that the letters are from individuals with some knowledge or connection to academia, and preferably to Education.
4. **Two Official Transcripts:** Transcripts from each college or university you have attended should be sent to the Graduate School. That office will keep one copy and forward the other copy to the Teacher Education office for your admission file.
5. **Graduate Record Examination (GRE):** An official GRE report must be sent to the Graduate School and that office then will forward the official copy to our department.
6. **Test of English as a Foreign Language (TOEFL):** An official TOEFL report (for international students only) should be sent to the Graduate School.
7. **Professional Goals and Resume:** A vita or resume plus two-to three-page (single spaced) personal statement outlining your experiences, skills, and training must be sent to Teacher Education Department. In addition, please state your career goals and how this specific program will benefit your professional development.
8. **Evidence of your writing abilities:** Submit two pieces demonstrating your academic writing ability. They should be research or professional reports written at a graduate level OR a master's thesis. Qualified applicants will, additionally, be asked to complete an academic writing exercise that will be done online. You will be notified by the department office about this procedure.

9. **Education and experience:** Applicants must have completed a master's degree before entering the program. A minimum of three years teaching experience or equivalent is also required, including evidence of personal or professional experiences.

Interview: Selected applicants will be invited to an interview with members of the doctoral committee prior to the determination of final admission status. The purpose of the interview is to establish compatibility between the applicant's goals and the interest and goals of the doctoral program. We expect that the interviews will take place in November 2008 for the first cohort.

Letter of Admission to Doctoral Program: The office of the Graduate School will advise doctoral applicants in writing whether they have been admitted or not admitted to the doctoral program.

Program Advisement: The Doctoral Advisement Committee is vested with the responsibility of making key decision regarding the doctoral program and related issues. Among the issues to be decided by the Doctoral Program Committee are: requests from transfer students, distribution of first year faculty advisors and approval of dissertation committees.

Financial Aid Eligibility and Credit Hour Requirements: Master's and doctoral students in their final semester of thesis or dissertation must enroll for a minimum of four hours to maintain financial aid eligibility. <https://academics.utep.edu/finaid>

Program of Studies for the Ph. D.: The program includes prescribed courses for the core, research, and the professional focus area components. The electives allow doctoral students to concentrate their additional coursework in an area related to their planned dissertation research. The doctoral seminar provides an opportunity for students to meet with faculty and other professionals for the purpose of sharing professional interests, networking, and brainstorming in their designated research areas.

Core 9 credits: TED 6300, TED 6301, TED 6302

Research Component 12 credits: TED 6303, TED 6304, TED 6307, and one elective

Professional Focus Area 30 credits: TED 6305, TED 6396, TED 6310, plus 21 elective hours related to the area with advisor's approval.

Professional focus will be in areas related to Literacy/Illiteracy or Mathematics/Science/Technology.

Dissertation 9 credits: TED 6397, TED 6398, TED 6399

Dissertation Requirements: All students must complete a doctoral dissertation (a minimum of 9 semester hours) that presents original research at an advanced level on a significant problem in an area addressing teaching, learning, and educational culture. Dissertation hours may be repeated. The dissertation must be prepared according to the Graduate School's thesis and dissertation guidelines available at the Graduate School website.

Graduation Requirements: Degree will be conferred to students upon successful completion of course work, successful defense of dissertation, and dissertation document accepted by the Graduate School. A copy of the dissertation in PDF or Word electronic format must be approved by the Graduate School. A hard copy of the signature page with original signatures of the dissertation committee members must also be submitted to the Graduate School.

Elective courses are selected to support the area of focus. Faculty advisors will guide students in selecting elective courses. Recommended electives include, but are not limited to, the following. Students may select up to 12 hours master's level courses as electives.

Professional Focus Electives for Literacy/Biliteracy

BED	5330	Current Topics in Bilingual/ESL
BED	5332	Literacy Development in Spanish
BED	5334	Teaching Content in Spanish
BED	5343	Sheltered English Instruction for Educators
BED	6300	Research Trends in Bilingual/ESL
BED	6314	The Ethnography of Language and Literacies
BED	6331	Survey of Issues in Bilingual and Second Language Education
EDT	5374	Pedagogy in the Technology-rich Classroom
EDT	5375	Technology, Assistive Tools and Issues of Access
EDT	5376	Assessing, Planning, and Implementing Tech Programs
HIST	5312	Studies in Borderlands
HIST	5374	Seminar in Borderlands History
POLS	6303	Political, Cultural, and Linguistic Borders
RED	5342	Content Literacy
RED	5352	Supervision and Improvement of Reading Programs
RED	5343/6343	Psychology of Reading
RED	6300	Issues in Literacy Acquisition and Development
RED	6344	Seminar in Reading
SCFE	5322	Economics in U.S. Schooling
SCFE	5323	Paulo Freire and Social Justice
SCFE	6300	Current Topics and Issues in Social Studies Education
SCFE	6313	Critical Multiculturalism
SCFE	6320	Sociocultural Foundations
SCFE	6321	Critical Pedagogy
SOCI	5355	U.S.-Mexico Borderlands in Change
SOCI	5365	Seminar in Sociology of Education
TED	6312	Advanced Quantitative Research and Statistics in Education
WS	5300	Interdisciplinary Feminist Theory and Methodology

Professional Focus Area Electives for Math Science, Technology

CHEM	5301	Modern General Chemistry
CHEM	5329	Contemporary Topics in Organic Chemistry
CHEM	5339	Biochemistry
PHYS	5396	Physics/Astronomy Education
EDT	5373	Advanced Productivity Technologies for the Classroom
EDT	5374	Pedagogy in the Technology-rich Classroom
EDT	5375	Technology, Assistive Tools and Issues of Access
EDT	5376	Assessing, Planning, and Implementing Tech Programs
EDT	6370	Integration of Curriculum and Educational Technology
EDT	6380	Transformative uses of Technology in Multicultural Settings
HIST	5312	Studies in Borderlands
HIST	5374	Seminar in Borderlands History
MATH	5365	Technology in the Mathematics Classroom
MTED	5318	Current Topics in Mathematics Education
MTED	5320	Research-Based Practices in Mathematics Classroom
MTED	5322	Pedagogical Content Knowledge in Teaching Mathematics
MTED	6310	Research Trends in Math/Science Education
MTED	6320	Cultural-Historical Epistemology and Didactics of Mathematics
POLS	6303	Political, Cultural, and Linguistic Borders
SCFE	5322	Economics of U.S. Schooling
SCFE	5323	Paulo Freire and Social Justice
SCFE	6300	Current Topics and Issues in Social Studies Education

SCFE	6313	Critical Multiculturalism
SCFE	6320	Sociocultural Foundations
SCFE	6321	Critical Pedagogy
SOCI	5355	U.S.-Mexico Borderlands in Change
SOCI	5365	Seminar in Sociology of Education
SIED	5321	Science Tools, Standards, Technology, Safety, and Ethics
SIED	5323	Societal Context of Science Education
SEID	6310	Instructional Trends in Science Education
SEID	6311	Dialogues and Controversies in Science Education
TED	6312	Advanced Quantitative Research and Statistics in Education

Grade Point Average Requirements: The student must maintain at least a 3.00 grade point average over all graduate course work attempted, excluding dissertation credit. Failure to maintain this average constitutes unsatisfactory progress and will result in the student's dismissal from this program.

Master of Arts in Education

The Master of Arts in Education is a college-wide degree. It is designed to prepare students to pursue research and to continue studies beyond the master's degree. Students in the Master of Arts in Education submit a thesis and do not take a comprehensive exam. The Master of Arts involves:

- A plan of study with 24 semester hours of course work
- Thesis proposal describing research and approved by the committee
- Thesis research for 6 semester hours
- Successful defense of the thesis to faculty committee

Students work with their Graduate Advisor to develop the plan of study. They select a committee of at least three professors (one of whom is outside the department) to guide the thesis study. The 30 semester hours of course work and thesis described above must be completed within 6 years.

Master of Education Instructional Specialist

This program requires 36 semester hours, including at least 27 semester hours at the graduate level. Each student will have a Graduate Faculty Advisor to assist in developing the degree plan. All upper-division undergraduate course work proposed for inclusion in this graduate degree must be recommended for approval by the Graduate Faculty Advisor.

Students may choose to concentrate course work in the areas of bilingual education, early childhood education, educational technology, math education, science education or reading education. Students who wish to focus in other subject areas may select courses from other UTEP departments with Graduate Faculty approval.

All Master of Education Instructional Specialist plans include the following:

- Professional Development Core: TED 5300, 5301, 5313, and 5304
- Specialization Area: At least 12 semester hours of graduate level courses in a subject area for which the candidate has prior certification or in a subject area approved by the Graduate Faculty Advisor
- Resource Area: 6 semester hours in courses approved for graduate credit, which provide support for the academic specialization area or for professional development
- Electives: 6 semester hours in courses approved for graduate credit

Master of Education Reading Education

This program major follows State Board of Educator Certification guidelines and leads to the Professional All-Levels Reading Specialist Certificate. It includes the following:

- Professional Development: TED 5300, 5301, 5313, and 5304
- Reading Specialization: At least 12 semester hours of graduate-level courses in reading which must include RED 5341 and RED 5347
- Resource Area: 3 semester hours of Linguistics and 3 semester hours of Multicultural Concepts at the graduate level

Students holding a Secondary Certificate/License will need six semester hours of graduate-level courses with Early Childhood or Middle Grades Education focus. Students holding an Early Childhood Certificate/License will also need six semester hours of graduate-level courses with Secondary or Middle Grades Education focus. Students who participate in internships with agencies or school districts requiring background checks must successfully pass the background check in order to complete this requirement. Additionally, a background check is required to be certified in reading education in the State of Texas.

More specific information on all Teacher Education Graduate Programs is available at <https://academics.utep.edu/tedgrad>.

Master of Education Program Requirements

Students pursuing the Master of Education Instructional Specialist and Master of Education Reading Specialist must submit a scholarly paper and pass a comprehensive written exam in addition to successful completion of their coursework.

Scholarly Paper

All Master of Education degree candidates will be expected to write scholarly papers in their graduate courses. The student selects one of these course papers which, upon approval by the professor, will be presented to the Teacher Education Graduate program for inclusion in the student file. The scholarly paper reviews relevant research and cites and references the pertinent scholars using the APA recommended format.

Final Comprehensive Examination

During the final semester course work in the TED master's program (Instructional Specialist or Reading Education degrees), the student will take a written comprehensive examination. The purpose is to synthesize the coursework showing an understanding of a master level teacher educator. Early in this final semester, the graduate faculty facilitates an orientation to the comprehensive exam to provide more specific information about the examination content and process. The following provides important details about the comprehensive exam.

- During the final semester of coursework, graduate students will submit an Application for Comprehensive Examination to the TED Graduate Advising Office and will apply for graduation with the University Graduate School office.
- The exam is given on a Saturday near the end of the semester in which the student is enrolled in her/his final courses.
- The questions for this examination are prepared by graduate faculty. Students respond to one question from the professional development core courses and one question from the area of specialization.
- Comprehensive Exams are not offered in the summer. However, a student may take courses in the summer after taking the exam in the spring. It is recommended that students take no more than one course in the same semester as the comprehensive exam. It is also recommended that students take no more than two courses in the summer after the comprehensive exam.

Master Teacher Certifications

The Teacher Education Department provides preparation course work for Texas Master Teacher Certification programs. These certification programs were developed as part of the Texas Master Teacher Initiatives (TEXMAT), which offer educators assistance to improve student performance in the discipline. The certificates were designed to prepare teachers to teach in critical areas at the elementary, middle, or high school level and to mentor, coach, and consult with other teachers in these areas as well. The Master Certification programs are:

- Master Mathematics Teacher (**MMT**)
- Master Reading Teacher (**MRT**)
- Master Science Teacher (**MST**)
- Master Technology Teacher (**MTT**)

The Teacher Education Department offers the coursework to prepare teachers for Texas Master Teacher certification. This course work ranges from 15-24 hours of graduate level courses designed specifically to meet the state standards. The courses taken for the MMT, MRT, MST, or MTT certification may, if all graduate school requirements are met, be applied toward one of the Master's degrees in Education. Students may enroll in the Master Teacher certification programs at UTEP at any time.

State certification for one of the master teacher programs requires three years teaching experience, successful completion of the master teacher program, and a passing score on the appropriate Texas Master Teacher exam.

More specific information on all Teacher Education Graduate Programs is available at <https://academics.utep.edu/tedgrad>.

Teacher Certification

Please note that a degree program is not the same as a certificate program. This catalog does not include information on teacher certification requirements. The College of Education Certification Office and the Graduate Advisor of the department can provide more information in this area.

Courses included in a program for a first teaching certificate typically are not applied toward a graduate degree. Courses included in a program for advanced certificates may be applied toward a graduate degree, and most can be combined with a graduate degree program.

Course Information

For descriptions of course offerings, please click [here](#) and select **Bilingual Education (BED)**, **Early Childhood Education (ECED)**, **Education Career and Technology (EDCT)**, **Educational Technology (EDT)**, **Gifted Teacher Education (GTED)**, **Mathematics Education (MTED)**, **Reading Education (RED)**, **Secondary Education (SCED)**, **Socio Cultural Foundations of Education (SCFE)**, **Science Education (SIED)**, **Social Science Education (SOSC)**, or **Teacher Education (TED)**.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

College of Engineering

What's Inside

- [College of Engineering](#)
- [Civil Engineering](#)
- [Computer Science](#)
- [Electrical and Computer Engineering](#)
- [Industrial Engineering](#)
- [Mechanical Engineering](#)
- [Metallurgical and Materials Engineering](#)







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

College of Engineering

Engineering/Science Complex
Engineering Bldg., Room E230
(915) 747-5460 (ph)
(915) 747-5616 (fax)
engineer@utep.edu

Dr. Richard T. Schoephoerster, Dean
Dr. Carlos Ferregut, Associate Dean of Graduate Studies
Dr. Peter Golding, Associate Dean of Undergraduate Studies

Degree Programs

- Civil Engineering
- Computer Science
- PhD Electrical and Computer Engineering
- Environmental Science and Engineering*
- Materials Science and Engineering*
- MS Civil Engineering
- Computer Engineering
- Computer Science
- Electrical Engineering
- Engineering*
- Industrial Engineering
- Manufacturing Engineering
- Mechanical Engineering
- Metallurgical and Materials Engineering
- Systems Engineering
- MSIT Master of Science in Information Technology*
- MEEnE Environmental Engineering
- MSEnE Environmental Engineering

* Interdisciplinary Program

College of Engineering

The University of Texas at El Paso has a long-standing commitment to quality engineering education. Today the College of Engineering strives to educate engineers to formulate and solve the technical problems of today and tomorrow.

At the graduate level, the College fulfills its mission by offering graduate degree programs in all of its departments. Master of Science degrees are available in Civil Engineering, Computer Engineering, Computer Science, Electrical Engineering, Environmental Engineering, Industrial Engineering, Manufacturing Engineering, Mechanical Engineering, Metallurgical and Materials Engineering, and Systems Engineering. In addition to these programs, students may pursue an undesignated Master of Science in Engineering, with concentrations in a number of areas, a Master of Engineering degree in Environmental Engineering, or a Master of Science in Information Technology. The College offers a Ph.D. degree in Civil Engineering, a Ph.D. degree in Electrical and Computer Engineering, and a Ph.D. degree in Computer Science. Multi-disciplinary Ph.D. degrees are also awarded in Materials Science and Engineering and Environmental Science and Engineering and their program descriptions are provided under Interdisciplinary Doctoral Programs.

Doctor of Philosophy Degree in Electrical and Computer Engineering

The Ph.D. in Electrical and Computer Engineering is a program designed to prepare electrical and computer engineers for a meaningful and successful research career in academia, government or industry. The program emphasizes the advancement of knowledge in theoretical and applied electrical and computing engineering computing that leads to innovation in this and related fields.

Doctor of Philosophy in Computer Science

The Ph.D. in Computer Science is a program designed to prepare scientists and engineers to advance the rapidly growing fields of hardware, software, and systems integration, and also to develop the underlying theories and models to underpin further advances. The program emphasizes a thorough grounding in the fundamental principles and practices of computer science, together with the skills necessary to apply them effectively and professionally in a wide range of disciplinary and social contexts.

Doctor of Philosophy in Environmental Science and Engineering

The Ph.D. in Environmental Science and Engineering is an interdisciplinary doctoral program, coordinated by the Center for Environmental Resource Management (CERM), to prepare scientists and engineers to address the environmental issues facing this region, the nation, and the world. The program emphasizes a cross-disciplinary perspective to the understanding, management, and remediation of human impacts on the environment, with a particular focus on problems of the Southwest Border region. For information regarding admission and degree requirements, students should consult the section for Interdisciplinary Studies.

Doctor of Philosophy in Materials Science and Engineering

The Ph.D. in Materials Science and Engineering is an interdisciplinary doctoral program, coordinated by the Materials Research and Technology Institute (MRTI), to prepare scientists and engineers to address the rapidly expanding opportunities and problems created by emerging materials-related industries. The program emphasizes a cross-disciplinary perspective of this vital field with a range of skills linking materials, structure, properties, synthesis and processing, and performance. For information regarding admission and degree requirements, students should consult the section for Interdisciplinary Studies.

Requirements for Admission into all Master's Degree Programs in Engineering

1. Bachelor's degree from an accredited institution in the United States or proof of equivalent education in a foreign institution
2. Undergraduate degree in the same or a related field or a minimum of 15 semester hours of upper-division course work in engineering
3. Submission of official Graduate Record Examination (GRE) scores
4. TOEFL score of 213/550 or higher for international applicants whose first language is not English or who have not completed a university degree in the U.S. or other English speaking institution
5. Depending upon selected areas of concentration, students may need to complete deficiencies in undergraduate course work

Master of Science in Engineering

The College of Engineering offers an interdisciplinary Master of Science degree. The program is administered by the Office of the Dean of Engineering.

Requirements for Admission

Applicants are expected to have a Bachelor of Science in an engineering or related physical sciences field or the equivalent. Depending upon selected area of concentration, students may need to complete deficiency undergraduate course work.

Requirements for the MS in Engineering

The MS in Engineering is a 33 semester hour non-thesis program. Course work includes:

1. 18 semester hours in the major concentration field of engineering
2. 12 semester hours in a second concentration field
3. 3 semester hours of a graduate project

No more than 6 hours of upper-division undergraduate course work may be counted toward the degree requirements. Course work, direction of the project, and administration of a final exam are coordinated by a committee of no less than three graduate faculty members. The chair of the committee would normally be a member of the graduate engineering faculty.

Major areas include Biomedical, Civil, Computer, Electrical, Environmental, Industrial, Manufacturing, Mechanical, Metallurgical and Materials Engineering, and Systems Engineering.

Other possible areas of concentration include Business Management, Computer Science, Economics, Information Technology, Mathematics, Physics, Chemistry, Biology, Geology, or others approved by the student's committee.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Civil Engineering

201B Engineering Science
(915) 747-5464
civilengineering@utep.edu

PROGRAM CHAIRPERSON: César Carrasco

GRADUATE FACULTY: Carrasco, Chang, Cheu, Ferregut, Hernandez, Li, Marshall, Nazarian, Oey, Osegueda, Shokouhi, Tandon, Tarquin, Turner, Walton

Civil Engineering offers the degrees of Ph.D. in Civil Engineering, Master of Science in Civil Engineering (MS), Master of Science in Environmental Engineering (MSEnE), Master of Engineering in Environmental Engineering (MEEEnE), and an undesignated Master of Science with a major in Engineering.

Requirements for Admission

Students should consult the Introduction to the College of Engineering section for information on general admission requirements.

Doctor of Philosophy Degree in Civil Engineering

Educational Objectives

The objectives of the program are (1) to educate engineers, researchers, and scholar/teachers who will address the needs of 21st-century engineering infrastructure research and teaching, especially for the border region and the state of Texas; (2) to educate professionals who will not only be technically competent in emerging technologies, but also trained to address the long-term challenges to the transportation, environmental and urban infrastructure from global and systemic points of view. Graduates will have the ability to make meaningful decisions considering technical feasibility, monetary constraints, public policy issues, and a myriad of potential environmental consequences; and (3) to educate future educators, scholars, and professionals who are sensitive to the complex implications for infrastructure development and education of international boundaries, bi-national relationships, and shifting demographics.

Graduates from the program will have the technical background to contribute to improvements in the reliability, maintenance, and management of infrastructure systems. Graduates will be able to undertake integrated programs of research, education and technology transfer to produce new knowledge that will enhance the performance of transportation, environmental, and urban infrastructures.

Requirements for Admission

Applicants must have completed a bachelor's or master's degree in civil engineering or a closely related discipline. The admissions committee evaluates the preparation of non-civil engineering applicants and recommends leveling courses as appropriate. These courses are not part of the Ph.D. degree plan. Applicants who do not have degrees from English medium universities are required to submit scores on the Test of English as a Foreign Language (TOEFL). A score of 213/550 is required for admission and 250/600 for appointment to a teaching assistantship.

Recommendations for admission are made on the basis of the following:

- Grade point average in upper division or graduate work as appropriate.
- Scores on the verbal and quantitative section of the GRE
- Research and professional commitment and interest as demonstrated by a personal statement, letters of recommendation, and other materials as available
- Letters of recommendation.

Students admitted at the bachelor's level may elect to complete a master's degree in Civil Engineering, but will be required to complete all of the requirements of the degree as indicated in this catalog.

Students admitted with a master's degree or master's course work may request to the admissions committee that up to 24 semester credit hours (taken at the graduate level with a grade of "B" or better) be applied to the Ph.D. degree plan. Credit hours earned in research, thesis, and independent study courses may not be applied.

Requirements for Degree

Each student must complete at least 72 credit hours beyond the bachelor's degree or at least 48 hours beyond the master's degree. Each student is expected to have a core knowledge in the key areas in the field. The program is designed so that degree plans will be developed individually beyond that core to reflect a student's background and research interests.

Students in the program are required to complete 4 core courses (12 hours):

CE 6303 Engineering Analysis I
CE 6332 Modern Methods of Engineering Computations
CE 6301 Infrastructure Management
CE 6306 Infrastructure Engineering

Students are required to complete prescribed electives in three categories

General electives: 4 courses (12 hours) chosen from the following:

CE 5307 Theory of Finite Element Analysis
CE 5310 Risk and Reliability Analyses of Engineering Systems
CE 5324 Construction Management
CE 5390 Special Topics in Civil Engineering
GEOP 5352 Geophysical Inverse Theory
GEOP 5354 Seismology
GEOP 5362 Reflection Seismic Data Interpretation
GEOP 5460 Geophysical Applications of Digital Signal Processing
MATH 5311 Applied Mathematics
MATH 5343 Numerical Solution to PDE
MFCH 5312 Advanced Mechanics of Materials II

Other appropriate course may be selected with the approval of the advisor and program director.

Management elective: 1 course (3 hours) chosen from the following:

- CIS 5311 Management Information Systems Theory and Practice
- CIS 5313 Strategic Information Systems
- CIS 5340 Electronic Commerce in Business
- ECON 5304 Business Economics
- ESE 6301 Environmental Law and Policy
- FIN 5311 Financial Management
- POLS 5359 Seminar in Regional and Urban Planning
- POLS 5364 Seminar in Public Policy Analysis

Other courses may be elected to fulfill this requirement as recommended by the advisor and program director.

Technical electives: 5 courses (15 hours) chosen from the civil engineering graduate course inventory. Students develop their specific degree plans with the advice and approval of the advisor and program director and they may take other engineering, science, or business courses as appropriate.

Students in the program are expected to participate in the Civil Engineering doctoral seminar (CE 6195) a one credit hour course that meets every semester. Three semester credit hours of the seminar are required for the degree.

Examinations

During the first semester new students will take an assessment test (set by three members of the doctoral program committee appointed by the director) to assess the student's technical background and her or his ability to integrate and apply that background to the solution of engineering problems. Based on the results of the test, the committee may recommend specific coursework for students to undertake. This coursework may or may not be applied to the degree plan depending on the area and level of the courses proposed.

Students in the Ph.D. program must be admitted to candidacy prior to the start of work on their doctoral dissertation. To be admitted to candidacy, a student will be required to take a comprehensive examination administered by his/her Doctoral Advisory Committee. The Program Director, in consultation with the student, will appoint a Preliminary Dissertation Committee of five members of the Doctoral Program Committee. The student will not be allowed to register in dissertation courses until this requirement is satisfied. The comprehensive exam will examine both the candidate's breadth of knowledge and understanding of basic principles related to the field of research and knowledge and understanding of the topic that the candidate intends to develop into a dissertation.

Doctoral Research

Students must complete 21 hours of independent research (CE 6396) under the direction of a faculty mentor. The work will involve research on topics in civil and infrastructure engineering related to the dissertation or conducted as a component of the student's overall graduate program.

Dissertation

Students must complete a dissertation in some area of infrastructure engineering systems that is an original work of scholarship of a quality that provides the basis for one or more technical publications. It should demonstrate both the ability to conduct original independent research and competence in scholarly exposition (6 semester credit hours, CE 6398 and 6399).

Final Oral Examination

Upon completion of the dissertation, as approved by the dissertation committee, the student must defend, in public, his or her dissertation research. The dissertation committee will be responsible for administering the final oral defense, which will be open to the public.

Requirements for the Master of Science in Civil Engineering Degree

For the Master of Science in Civil Engineering, thesis and non-thesis programs are available. Students enrolled in the thesis program normally take a minimum of 24 hours of course work plus six hours of CE 5398-CE 5399, Thesis. Non-thesis students follow a 33-hour program which includes credit for CE 5396-CE 5397, Graduate Design Projects.

Requirements for the Master of Science and Master of Engineering in Environmental Engineering Degrees

The Master of Science in Environmental Engineering requires 24 hours of course work, plus six hours of CE 5398-CE 5399, Thesis. The Master of Engineering in Environmental Engineering requires 30 hours of course work, plus the completion of a professional report as part of six hours of CE 5396-CE 5397, for a total of 36 credit hours.

Applicants wishing to pursue the Environmental program with a non-Civil Engineering background are welcome to apply and should request specific detailed information regarding admission policy.

Course Information

For descriptions of course offerings, please click [here](#) and select Civil Engineering (CE).





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Computer Science

234 Computer Science Building
(915) 747-5480
Fax: (915) 747-5030
<http://www.cs.utep.edu>

INTERIM CHAIRPERSON: David Novick

GRADUATE FACULTY: Ceberio, Cheon, Freudenthal, Fuentes, Gates, Kreinovich, Longpré, Modave, Novick, Pinheiro da Silva, Roach, Romero, Sassenfeld, Teller, Ward

Computer Science offers a Master of Science in Computer Science, a Ph.D. in Computer Science, and a Master of Information Technology in collaboration with Information and Decision Sciences. Information about the Master of Information Technology program is in a separate section of the catalog. The M.S. and Ph.D. programs emphasize active student involvement in research groups. Our goal is to produce graduates who possess an education of sufficient breadth and depth to qualify them as leaders in both the industrial and academic environments of Computer Science. Computer Science faculty members have particular expertise in the following areas: Applications of Theory, High Performance Computing, Interactive Systems, and Software Engineering.

Doctor of Philosophy Degree in Computer Science

Educational Objectives

The Computer Science Ph.D. program seeks to provide students with:

- a thorough grounding in the fundamental principles and practices of computer science;
- the ability to advance the state of the art of computer science;
- the skills to become researchers and teachers who can excel in both the academic and professional spheres of computer science;
- a clear understanding of the professional, ethical, and societal implications of computer science research; and
- the ability to work across disciplinary boundaries, both within and beyond computer science.

Requirements for Admission

Applicants will apply through the Graduate School at the University of Texas at El Paso. The applicant must meet the requirements set forth by the Graduate School. The application packet must include:

- Official scores on the Graduate Record Exam
- Official scores on the Test of English as a Foreign Language (TOEFL) for international applicants whose first language is not English, or who have not completed a university degree at an English-speaking institution.
- Statement of Purpose
- Two letters of recommendation, and any other material that supports the application, for example, published papers, conference presentations, or patents.

The Graduate School will forward the application packet to the Computer Science Graduate Admissions Committee which will assess the packet and make admission recommendations to the Graduate School. Applicants must have completed a bachelor's or master's degree in Computer Science or a closely related discipline. Exceptional students with non-computer science backgrounds may be conditionally admitted to the program.

Requirements for Degree

The Ph.D. program requires a minimum of 48 semester-credit hours of coursework beyond a Bachelor's degree and 24 semester-credit hours of research and dissertation. Coursework includes a set of core courses and general, technical, and interdisciplinary electives. If the student enters the program with a Master's degree in Computer Science, he or she will be required to take a minimum of 27 semester-credit hours of coursework. In order to ensure that the student is able to apply principles and techniques of computer science to software development, clearly communicate technical ideas in writing, and synthesize, organize and communicate technical material to an audience, the student must meet programming, written communication, seminar, and teaching requirements. The student also must pass a Qualifying Examination, a Comprehensive Examination, and defend his or her dissertation. Consult the Computer Science Graduate Program Handbook or program website for more detailed information about the program requirements.

Table 1 summarizes the degree requirements. The descriptions follow.

Table 1: Degree Requirements Summary

DESCRIPTION	CREDIT HOURS
Core Courses	15
General Electives	12
Technical Electives	15
Interdisciplinary Electives	6
Doctoral Research	18
Dissertation	6
Competency Requirements	0
Total	72

Core Courses (15 credit hours): The following five core courses are required:

- CS 5392 Graduate Research Methods
- CS 5303 Logical Foundations of Computer Science
- CS 5315 Theory of Computation
- CS 5341 Advanced Computer Architecture
- CS 5350 Advanced Algorithms

General Electives (12 credit hours): The purpose of the general elective requirement is to provide the student with a broad foundation of computer science. Courses are categorized according to major areas and students are required to take four courses that are outside their major area of study.

Technical Electives (15 hours): The technical electives are used to provide the student with depth in an area. The student must take courses in his or her specific area of study as approved by the Graduate Advisor.

Interdisciplinary Electives (6 hours): The interdisciplinary requirement enables the student to acquire a more detailed understanding of a field related to his or her research. The student is required to take senior-level or graduate-level courses outside of Computer Science.

Doctoral Research (18 hours): The student must take 18 hours of doctoral research after passing the Qualifying Examination.

Dissertation (6 hours): The student will be able to register for dissertation hours only after passing the Comprehensive Examination. The dissertation must demonstrate competence in scholarly exposition and the ability to do independent research. It should present original investigations at an advanced level on a significant problem in computer science and should provide the basis for a publishable contribution to the research literature in the field. The rules for the dissertation and dissertation defense will follow the guidelines set forth by the Graduate School at UTEP.

Examinations

The Qualifying Examination is designed to ensure that students have graduate-level mastery of the basic Computer Science undergraduate material. Although the only knowledge required is that learned in undergraduate courses, the examination tests the ability to synthesize, integrate, and apply that knowledge at an advanced level.

The Comprehensive Examination is given to ensure that the student has identified a research topic and has acquired a sufficient depth of knowledge in the topic area to perform new and significant research and that the proposed research is feasible. The Comprehensive Examination will be taken after completion of the Qualifying Examination, typically within two years from that time. The student will prepare a written research proposal. The Comprehensive Examination will be an oral examination before the student's Doctoral Advisory Committee, covering the student's research proposal and other topics in his or her general area of study. Upon successful completion of the examination, the chair of the student's Doctoral Advisory Committee will inform the Graduate School that the student is ready to begin work on his or her final dissertation, and the student will be admitted to candidacy.

A copy of the dissertation in PDF or Word electronic format must be submitted to the Graduate School for format check prior to the scheduled defense date. The dissertation, including an abstract not to exceed 350 words, must be prepared according to the Graduate School's thesis and dissertation guidelines available at the Graduate School website. The student will receive email confirmation from the Graduate School after the format has been approved. The final Graduate School approved dissertation must be submitted to the Graduate School in PDF electronic format on a CD in a case by the deadline as published in the Class Schedule along with a hard copy of the signature page with original signatures of the dissertation committee members. The signature page must be included in the PDF file but it should not be signed.

Doctoral candidates are also required to submit the Graduate School approved dissertation at the University Microfilms International website for on-line publication, <http://dissertations.umi.com/utep>. Dissertations are regarded as publications and will be made public once they are approved and submitted. On-line publication does not preclude subsequent publication of the dissertation, in whole or in part, as a monograph or in a journal. Copyright at the author's expense may be arranged through University Microfilms International. In order to protect patent or any other rights, the Graduate School may be requested to delay publication for a period of one year. This request must be supported by a written recommendation of the supervising professor.

Master of Science in Computer Science Requirements for Admission to the M.S. Program

See the introduction to the College of Engineering for information about general requirements. Additionally, to be admitted, applicants must submit evidence of successful completion of the following undergraduate courses or their equivalent:

- MATH 1411 Calculus I
- MATH 2300 Discrete Mathematics
- CS 2402 Data Structures
- CS 3350 Automata, Computability and Formal Languages
- CS 3320 Computer Architecture II: Advanced Computer Design and Implementation
- CS 3360 Design and Implementation of Programming Languages

Exceptional students who have taken Math 2300 and CS 2402, or equivalent courses, may be conditionally admitted to the program. In such cases, students will be required to complete the undergraduate leveling courses specified by the department with a grade of "B" or better in each course. After one year, students who fail to meet this requirement will not be allowed to register for graduate courses.

Requirements for M.S. Degree

Thesis and non-thesis programs are available under this degree. Students enrolled in a thesis program must take 27 semester hours of course work plus 6 semester hours of CS 5398-CS 5399 Thesis. Non-thesis students follow a 30 semester-hour program plus six semester hours of CS 5396-CS 5397 Graduate Projects.

All students are required to complete the following four core courses with a "B" average or better and with no more than one "C".

- CS 5303 Logical Foundations of Computer Science
- CS 5315 Theory of Computation
- CS 5341 Advanced Computer Architecture
- CS 5350 Advanced Algorithms

Students who have not taken CS 4375 Theory of Operating Systems (or its equivalent) are required to include this course or CS 5340 Advanced Operating Systems in their program of study. In addition, those who have not taken CS 4342 Database Management (or its equivalent) are required to include this course or CS 5322 Topics in Advanced Database Systems in their program of study.

Master of Science in Information Technology (MSIT)

This program is designed to train graduates from any academic discipline in the application of information technology. The program provides application-level, technical knowledge in computer fundamentals and in the areas of database, data communications, networks, and the management of information technology. Upon completion of this professional degree, graduates will be able to apply information technology tools and skills in their work environments. Training in the areas of information technology impact assessment and innovation will enable graduates of this program to utilize and manage information technology with the objective of increasing organizational productivity and competitive advantage.

Requirements for Admission

Applicants must have earned a Baccalaureate Degree from an accredited university. Applications will be evaluated based upon achievement and potential as demonstrated by students' upper-level undergraduate GPA and Graduate Record Examinations (GRE) score. Students whose college education was in a language other than English need a written TOEFL score of at least 600. Applicants must also be able to demonstrate knowledge of the interaction between data structures and algorithms. This can be demonstrated by completion of a course such as CIS 3355-Business Data Structure or CS 2302-Data Structures, or by other means determined by the program committee.

Requirements for the Degree

24 semester hours of course work plus
Thesis Program - 6 semester hours of thesis (MIT 5398 and MIT 5399)
30 total semester hours minimum

24 semester hours of course work plus
- 6 semester hours of project work (MIT 5398 and MIT 5399 plus satisfactory performance in a comprehensive final
30 examination
total semester hours minimum

Coursework Option

30 semester hours of course work plus satisfactory performance in a comprehensive final examination
30 total semester hours minimum

All students must successfully complete the five following courses:

- MIT 5310 Fundamentals of Computers
- MIT 5312 Systems Analysis and Design
- MIT 5314 Database Applications
- MIT 5316 Web-based Computing
- MIT 5318 Evaluation of the Impact of Information Technology

Select three courses from the following menu:

- MIT 5322 Hardware Software Computing Environments
- MIT 5324 Object-Oriented Analysis and Design
- MIT 5328 Applied Multiprocessing Computing

MIT 5330 Computer Networks and Data Communications
MIT 5332 Data System Administration
MIT 5334 Management of Information Technology
MIT 5390 Special Topics in Information Technology

Select one from the following:

COMM 5362, ENGL 5311, ENGL 5314, or ENGL 5315

Coursework Option

Students who choose to complete the coursework option may take any two UTEP graduate courses related to the application of technology to that academic discipline (approval of the graduate advisor is required). Students may also use non-required MIT courses to fulfill their coursework requirement. Students who elect this option are required to complete the comprehensive final exam.

Course Information

For descriptions of course offerings, please click [here](#) and select **Computer Science (CS) or Master of Information Technology (MIT)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Electrical and Compute Engineering

A-325 Engineering Annex
(915) 747-5470
ece@ece.utep.edu

CHAIR: Patricia A. Nava

GRADUATE FACULTY: Cabrera, Flores, Gonzalez, Liu, Lush, MacDonald, Moya, Nava, Nazeran, Pineda, Pierluissi, Quiñones, Riter, Rosiles, Sarkodie-Gyan, Schroder, Starks, Usevitch, von Borries, Williams, Yao, Zubia

Electrical and Computer Engineering offers a Master of Science Degree with a major in Electrical Engineering or Computer Engineering, an undesignated Master of Science with a major in Engineering, and a Ph.D. degree in Computer Engineering.

Doctor of Philosophy Degree in Electrical and Computer Engineering

Requirements for Admission

1. Bachelor's or Master's degree from an accredited institution in the United States or proof of equivalent education in an international institution
2. Undergraduate or graduate degree in Electrical and/or Computer Engineering, or a related field
3. Demonstration of academic achievement and potential as indicated by the results of the Graduate Record Examination (GRE) and upper level undergraduate and graduate coursework (normally 3.5/4.0 GPA) from all Master's work or, if applying without a completed MS, a 3.6 GPA from an ABET accredited program)
4. A TOEFL score of 213/550 or higher for international applicants whose first language is not English or who have not completed a university degree in the U.S.
5. Other evidence of background, knowledge, research or work experience in Electrical and Computer Engineering that may be available.

While some exceptional students may enter the Ph.D. program immediately upon completion of the bachelor's degree, more typically students enter the program after the conclusion of the MS degree.

Requirements for Degree

The specific course work required of each student will be determined by his/her Advisory Committee. However, each student must complete at least 84 semester credit hours beyond the bachelor's degree or at least 54 hours beyond the master's degree. The latter includes 24 hours of graduate course work and 30 credit hours of dissertation and research, the primary requirement of the degree.

Foreign Language Requirement

Under exceptional circumstances, the candidate may be required to demonstrate reading proficiency in a foreign language if the Doctoral Advisory Committee considers it necessary for his/her dissertation research.

Committees

For each degree candidate, a Doctoral Advisory Committee will be formed consisting of a dissertation advisor and at least three additional faculty with expertise in areas related to his/her program of study and research. At least one committee member must be from a department other than Electrical and Computer Engineering. The Doctoral Advisory Committee will be appointed in consultation with the candidate after completion of 9-12 hours of course work applicable to the doctoral degree. The appointment must be approved by the Graduate School and the Graduate Advisor of the Department of Electrical and Computer. The Doctoral Advisory Committee will administer the candidate's Comprehensive Examination and, together with an additional faculty member from outside the College of Engineering, approved by and representing the Dean of the Graduate School, will conduct the Final Dissertation Examination.

Examinations

Upon entering the program, each student will be required to complete a Qualifying Examination. To pass this examination, a student must demonstrate competency in the fundamentals of computer engineering. Upon completion of all course work, each student will take a Comprehensive Examination administered by his/her Doctoral Advisory Committee. Upon completion of the dissertation research, each student will be examined with regard to the outcome of the research project.

Dissertation

The dissertation must demonstrate both the ability to do independent research and competence in scholarly exposition. It should present original investigations at an advanced level of a significant problem in electrical and computer engineering and should provide the basis for a publishable contribution to the research literature in the field.

Draft copies of the dissertation must be submitted to the Doctoral Committee at least six days before the defense and any suggested corrections must be made. Two copies of the final bound dissertation, and the unbound original, must be submitted to the Graduate School by the posted deadlines. Two bound copies must also be submitted to the Graduate Advisor.

Microfilming of the Dissertation

The doctoral candidate who has successfully completed all requirements for the degree is required to pay the cost of microfilm reproduction of the complete dissertation. The signed original copy (unbound) of the doctoral dissertation is sent from the Graduate School to University Microfilms, Ann Arbor, Michigan, for reproduction.

Along with the dissertation, the student must also submit to the Graduate School two copies of an abstract, not to exceed 350 words in length (double-spaced) which has been approved in final form by the supervising committee. This will be published in "Dissertation Abstracts International."

Publication by microfilm does not preclude subsequent publication of the dissertation, in whole or in part, as a monograph or in a journal. Copyright at the author's expense may be arranged, if desired, by completing a special form to be secured in the Graduate School. In order to protect patent or any other rights, the Graduate School may be requested to delay publication by microfilm for a period of one year. This request must be supported by a written recommendation of the supervising professor.

Time Limits and Catalog Changes

All requirements for the degree must be completed within one eight-year period preceding the awarding of the doctoral degree. Work more than eight years old is lost and can be reinstated only by special permission of the Graduate School upon recommendation of the Departmental Committee on Graduate Studies. Further, all requirements for the doctorate must be completed within five years after passing the Comprehensive Examination.

General and specific requirements for degrees in the Graduate School may be altered in successive catalogs. Provided the requisite course continues to be offered, the student is bound only by the course requirements of the catalog in force at the time of admission or readmission within an eight-year limit, unless, with the approval of the Dean of the Graduate School, the student elects to be bound by the course requirements of a subsequent catalog. This regulation applies to course requirements only.

Master of Science Degree in Computer Engineering or Electrical Engineering

Requirements for Master of Science Admission

Students should consult the Introduction to the College of Engineering and Graduate School sections for information on general admission requirements.

General Requirements for Master of Science Degrees

Two options are available for students: Thesis and Non-Thesis. Master of Science students are normally admitted into the Non-Thesis Option, but may be allowed to transfer to the Thesis Option, if approved by the student's Thesis Advisor and Graduate Advisor. All students must take at least 21 hours in their major (Electrical Engineering or Computer Engineering) and Graduate Seminar (EE 5195) only once. At most six hours of approved senior-level undergraduate coursework, six hours of approved coursework in areas outside the Department of Electrical and Computer Engineering, and at most three hours of Individual Studies (EE 5191 or EE 5391) may be used to satisfy degree requirements.

Students enrolled in the Master of Science in Electrical Engineering must include in their coursework at least one course out of the following sequence (selection is dependent on area of concentration): Probability and Random Processes (EE 5300), Computational Methods for Electrical Engineers (EE 5301), or Linear Systems Analysis (EE 5302).

Students enrolled in the Master of Science in Computer Engineering program must include in their coursework Operating Systems (EE 5370) and Computer Architecture (EE 5376).

Specific Requirements for Thesis Students

Students in the Thesis Option must take a total of 31 approved credit hours, including Thesis I (EE 5398) and Thesis II (EE 5399), and, if approved by the Thesis Advisor, Research Methods I (EE 5205) and Research Methods II (EE 5106). Research Methods I and II may be taken in lieu of Thesis I. Thesis II (EE 5399) must be repeated until the thesis is defended and submitted to the Graduate School for approval. None of the thesis courses may be counted toward requirements in the Non-Thesis Option.

Specific Requirements for Non-Thesis Students

Students in the Non-Thesis Option must take a total of 34 credit hours approved by the Graduate Advisor, which may include Project I (EE 5296) and, if approved by the project instructor, Project II (EE 5397). A written report must be submitted to the supervising project instructor. All Non-Thesis students must take Research Methods I (EE 5205) and Research Methods II (EE 5106). None of the project courses may be counted toward requirements in the Thesis Option.

Course Information

For descriptions of course offerings, please click [here](#) and select **Electrical and Computer Engineering (EE)**.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Industrial, Manufacturing and Systems Engineering

101 Engineering Science
Complex
(915) 747-5450
ie@utep.edu

PROGRAM CHAIRPERSON: Ricardo Pineda
GRADUATE FACULTY: Contreras, Espiritu, Gutierrez, Pennathur, Taboada, Tseng, Zhang

The Industrial, Manufacturing, and Systems Engineering Department offers a Master of Science with majors in Industrial Engineering Manufacturing Engineering, and Systems Engineering, and an undesignated Master of Science with a major in Engineering. Courses of study in the Industrial Engineering major include quality engineering, computer simulation, industrial ergonomics, safety engineering, production and inventory control, and operations research. Areas of study in the Manufacturing Engineering major include design of manufacturing processes, analysis of discrete production systems, precision engineering, and automation.

The Industrial, Manufacturing, and Systems Engineering Department also offers a graduate certificate in International Manufacturing. Please contact the department for information on the program.

Requirements for Admission

Students should consult the Introduction to the College of Engineering section for information on general admission requirements.

M.S. Degrees in Industrial Engineering and Manufacturing Engineering

Both thesis and non-thesis options are available under these degree programs. Students enrolled in a thesis option follow a 31-hour program that is composed of 24 hours of course work plus 6 hours of thesis (IE or MFG 5398 and IE or MFG 5399) and 1 hour of graduate seminar. Industrial and Manufacturing Engineering students pursuing the thesis option must have approval from the corresponding program's Graduate Advisor.

Non-thesis students follow a 36-hour program. All students enrolled in the Industrial Engineering program must take at least 15 semester hours of course work within their major if they are following the thesis option or 18 if they are following the non-thesis option. Students enrolled in the Manufacturing Engineering program must take at least 15 semester hours of course work offered within the Mechanical and Industrial Engineering programs if they are following the thesis option or 18 for the non-thesis option.

No more than 6 semester hours of approved upper-level undergraduate course work may be used to satisfy the degree requirements in the Industrial and Manufacturing Engineering programs. All course work must be approved by the student's academic advisor and by the Graduate School. Specific requirements for each Master's program are available from the Industrial Engineering Program.

International Manufacturing Certificate

An applied internship in a local manufacturing plant that promotes learning, hands-on experience and industrial practice by applying international manufacturing management and engineering fundamentals from IMS 4360 and 4361. The student will intern in a manufacturing facility and work on problems ranging from testing and inspection, design, quality, production and inventory control, maintenance, purchasing, planning and scheduling, safety and ergonomics, tooling, to accounting, etc. Students will have an industry mentor, a faculty mentor, and a field engineer helping them in the manufacturing problems. The mid-term and final examinations will consist of a written report and presentation based on the research/design/analysis performed in a manufacturing department to the faculty mentor and industrial partner.

Master of Science in Systems Engineering

The Master of Science in System Engineering requires 27 hours of coursework plus a 3 hours "Project Practicum" with industry.

Requirements for Admission

Students should consult the College of Engineering section in the Graduate Catalog for information on general admission requirements. Applicants are expected to have a Bachelor of Science in an engineering or computing field or related physical science or the equivalent. Depending on selected areas of concentration, students may need to complete leveling coursework at the undergraduate level. These courses will not be counted towards the MSSE degree.

Applicants will apply through the Graduate School, submitting an application form and the following supporting materials:

- Official transcripts of all previous academic work
- Official scores on the Test Of English as a Foreign Language (TOEFL) if appropriate
- Personal statement
- Letters of recommendation, including one from the company sponsoring the student (if appropriate)
- Other evidence of relevant personal or professional experience.

Recommendations for admissions will be made on the basis of the following:

- Grade point average on the upper division or graduate work as appropriate
- Professional commitment and interest as demonstrated by the personal statement and other supporting materials as available
- Letters of recommendation

Leveling Courses

The admissions committee will review the records of applicants admitted without degrees in engineering, computing or physical science fields and will determine any deficiencies. The committee will then make specific recommendations for leveling courses or for testing to determine the adequacy of preparation. Leveling courses will not be applied toward the MSSE degree requirements.

The MSSE is a 30 Semester Credit Hour (SCH) non-thesis program. Course work includes:

1. 15 SCH in the Systems Engineering field (Required Courses)
2. 9 SCH Prescribed Electives in a concentration
3. 6 SCH Free electives

Required Course Work

Each student is expected to have core knowledge in key areas of Systems Engineering. All students are required to complete the following five core courses (15 Semester Credit Hour, SCH) with a "B" average or better and with no more than one "C".

- SE5341 Systems Engineering Fundamentals & Architectures (3-0)
- SE5342 Program and Systems Engineering Management (3-0)
- SE5343 Requirements Engineering (3-0)
- SE5344 Integration, Validation & Testing of Complex Systems (3-0)
- SE5345 Special Project "Practicum" (3-0)

Prescribed Electives

Major concentration areas include: Systems Engineering, Electrical Engineering, Industrial and Manufacturing Engineering, and Computer Science, or others approved by the College of Engineering (COE).

Systems Engineering Prescribed Electives:

Students in the Systems Engineering concentration must take 9 SCH course work from the list of following courses:

- SE5346 Systems Architecture and Design **OR** EE4364 Systems and Controls
- SE5347 Systems Engineering Processes **OR** IE5377 Advanced Ergonomics & Process Design
- SE5348 Systems Modeling & Simulation **OR** EE5390 Special Topics in SE

Electrical Engineering Prescribed Electives:

Students in the Electrical Engineering concentration must take 9 SCH course work from the list of following courses:

- EE4364 Systems and Controls
- EE5302 Linear Systems Analysis
- EE5336 Fiber Optic Communications **OR** EE5330 Data Communication **OR** EE5390 Special Topics "Next Generation Networks"

Computer Science Prescribed Electives:

Students in the Computer Science concentration must take 9 SCH course work from the list of following courses:

- CS5317 Human Computer Interaction **OR** CS5382 Topics in Software Development
- CS5390 Special Topics (Software Systems Engineering) **OR** CS5380 Software Engineering
- CS 5383 Topics in Software Assurance **OR** CS5352 Computer Security **OR** CS5381 Topics in Software Design

Note: Some of these courses may require MSSE students to seek CS Departmental approval before registration.

Industrial Engineering Prescribed Electives:

Students in the Industrial Engineering concentration must take 9 SCH course work from the list of following courses:

- IE5330 Industrial Statistics
- IE5332 Advanced Concepts in Safety Engineering **OR** IE5385 Advanced Quality Control
- IE5357 Computer Simulation Applications **OR** IE5387 Quality Engineering

Manufacturing Engineering Prescribed Electives:

Students in the Manufacturing Engineering concentration must take 9 SCH course work from the list of following courses:

- MFG5311 Design for Manufacturability
- MFG5321 Modeling & Analysis of Manufacturing Processes **OR** MFG5359 Computer Aided Manufacturing
- MFG5350 Reliability & Maintainability **OR** MFG5312 Strategic Design of Manufacturing Processes

Free Electives:

No more than 6 SCH of advanced undergraduate course work may be used as free electives to satisfy MSSE degree requirements. General electives require approval by the program advisor to be credited toward the MSSE.

Graduate Certificate in Systems Engineering

The Graduate Certificate in Systems Engineering requires 12 Semester Credit Hours (SCH) of coursework plus a 3-hour Project Practicum with industry.

Requirements for Admission

Students should consult the College of Engineering section in the Graduate Catalog for information on general admission requirements. Applicants are expected to have a Bachelor of Science degree in an engineering, computing, or physical science field, or the equivalent. Depending on qualifications for study, students may need to complete leveling coursework at the undergraduate level. These courses will not be counted towards the GCSE.

Applicants will apply through the Graduate School, submitting an application form and the following supporting materials:

- Official transcripts of all previous academic work
- Official scores on the Test of English as a Foreign Language (TOEFL) if appropriate
- Personal statement of purpose
- Letters of recommendation, including one from the company sponsoring the student (if appropriate)
- Other evidence of relevant personal or professional experience.

Recommendations for admissions will be made on the basis of the following:

- Grade point average on the upper division or graduate work as appropriate
- Professional commitment and interest as demonstrated by the personal statement and other supporting materials as available
- Letters of recommendation

Leveling Courses

The admissions committee will review the records of applicants admitted without degrees in engineering, computing or physical science fields and will determine any deficiencies. The committee will then make specific recommendations for leveling courses or for testing to determine the adequacy of preparation. Leveling courses will not be applied toward the GCSE requirements.

Required Course Work

The GCSE is a 15 Semester Credit Hour (SCH) program. Each student is expected to acquire core knowledge in key areas of Systems Engineering. All students are required to complete the following five core courses (15 Semester Credit Hour, SCH) with a "B" average or better and with no more than one "C".

- SE5341 Systems Engineering Fundamentals & Architectures (3-0)
- SE5342 Program and Systems Engineering Management (3-0)
- SE5343 Requirements Engineering (3-0)
- SE5344 Integration, Validation & Testing of Complex Systems (3-0)
- SE5345 Special Project "Practicum" (3-0)

The courses may be applied toward a Master of Science in Systems Engineering degree.

Course Information

For descriptions of course offerings, please click [here](#) and select **Industrial Engineering (IE)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Mechanical Engineering

101 Engineering Science
Complex
(915) 747-5450
meandie@utep.edu

PROGRAM CHAIRPERSON: Jack Dowdy

GRADUATE FACULTY: Bronson, Chessa, Choudhuri, Cooke, Craver, Dowdy, Everett, Kim, Wicker

Mechanical Engineering offers a Master of Science in Mechanical Engineering and an undesignated Master of Science with a major in Engineering. Specific courses of study in the Mechanical Engineering major include fluid and thermal systems, and solid mechanics and machine design.

Requirements for Admission

Students should consult the Introduction to the College of Engineering section for information on general admission requirements.

General Requirements for Degree

Both thesis and non-thesis options are available under these two degree programs. Students enrolled in a thesis option follow a 31-hour program that is composed of 24 hours of course work plus 6 hours of thesis (MECH 5398, and MECH, 5399) and 1 hour of graduate seminar.

Non-thesis students follow a 36-hour program. For the Mechanical Engineering degree, the non-thesis option may include up to 6 credit hours for Graduate Projects (MECH 5396 and MECH 5397). All students enrolled in the Mechanical Engineering program must take at least 18 semester hours of course work within their major if they are following the thesis option or 24 if they are following the non-thesis option.

No more than 6 semester hours of approved upper-level undergraduate course work may be used to satisfy the degree requirements in the Mechanical Engineering programs. All course work must be approved by the student's academic advisor and by the Graduate School. Specific requirements for each Master's program are available from the Program.

Course Information

For descriptions of course offerings, please click [here](#) and select **Mechanical Engineering (MECH)**.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Metallurgical and Materials Engineering

M201 Engineering Science
Complex
(915) 747-5468
metal@utep.edu

PROGRAM CHAIRPERSON: Lawrence E. Murr

GRADUATE FACULTY: Arrowood, Fisher, Golding, McClure, Murr, Ramana, Stafford, Trueba, Varma

Graduate students in Metallurgical and Materials Engineering are involved with academic studies and research programs that focus on understanding the structure, properties, processing, and performance of materials, including the development of new or improved materials and advanced processing methods. These are the critical links between the design and the realization of new materials systems. Materials and materials limitations pervade all of the engineering and high technology fields that are an integral part of our society and its economic infrastructure. The challenges and opportunities for graduates in metallurgical and materials engineering are certainly exciting and exceptional.

The Metallurgical and Materials Engineering Department offers a Master of Science with a major in Metallurgical and Materials Engineering and an undesignated Master of Science with a major in Engineering.

Requirements for Admission

Students should consult the Introduction to the College of Engineering section for information on general admission requirements.

Applicants whose undergraduate degrees are not in metallurgical or materials engineering (i.e., related engineering or physical sciences field) may need to successfully complete specific undergraduate deficiency work as recommended by the department's Academic Advisory Committee.

Additionally, applicants must submit evidence of successful completion (or equivalent) of course work that includes:

MME 3306	Rate Processes in Materials Systems
MME 3308	Applied Chemical Thermodynamics
MME 3309	Introduction to Electronic Materials Science
MME 3406	Physical Metallurgy

Requirements for the Degree

Students may select one of the following programs:

Thesis Program -	24 semester hours of course work plus 6 semester hours of thesis (MME 5398 and MME 5399) 30
Project Program -	30 semester hours of course work plus 6 semester hours of project (MME 5396 and MME 5397) 36 total semester hours minimum

Students may apply a maximum of 9 semester hours of approved undergraduate courses toward the MS degree with the approval of the Graduate Advisor and the Graduate School.

Thesis work should clearly demonstrate the ability to execute independent, innovative research. The research should be original and make a contribution to the state of the art. Thesis work is the substance of the MS degree. It must be written, in whole or in part, as a technical paper and submitted for publication prior to the awarding of the degree. The student should be the senior (first) author. The required sequence of courses below are designed to apply the principles of thermodynamics, transport, reaction kinetics, crystal defects, and other materials fundamentals in contemporary materials engineering areas involving and reinforcing issues of structure, properties, processing, and performance. All students must successfully complete these courses with a 3.0 GPA:

MME 5302	Materials Extraction, Synthesis, and Processing
MME 5401	Microstructural and Microchemical Characterization of Materials
MME 5403	Advanced Concepts in Materials Science and Engineering
MME 5304	Phase Transformations and Microstructures

Advisory Committees

The Academic Advisory Committee, as well as the Graduate School, will normally approve all academic program proposals and monitor academic progress of all graduate students until a thesis or research program advisor is chosen and a Research Advisory Committee developed. This can be done at any time after the student matriculates into the MS program. The Research Advisory Committee normally consists of the research advisor (who serves as chair) and at least one additional member of the department faculty and one faculty member from another academic department. An additional member of the committee from another academic department is often desirable if a concentration is involved, bringing the committee size to four members. All members must be members of the Graduate Faculty. Students are required to meet with their Research Committee at least once per year, usually in the Spring semester.

Undesignated Degrees

A student holding a Bachelor of Science with a major in Metallurgical and Materials Engineering or a related materials area may work toward a 33 semester hour undesignated MS in Engineering degree without a thesis, leading to a concentration in an area outside of the major. The course work includes 18 hours in the major field and at least 12 hours in the particular area of concentration. The work in the major field includes credit for MME 5396 (Graduate Project). Possible areas of concentration are indicated below.

Concentrations

Possible concentrations for an undesignated degree or to complement a research area or to achieve a broader materials background may involve Business Management, Operations Research, Structural Mechanics, Electronic Device Design and Development, Experimental Design, Manufacturing Engineering emphasizing advanced manufacturing and Materials Processes, Waste Materials Management, and the like. Some examples of other engineering courses which might contribute to developing these areas include the following:

Civil Engineering

CE 5305	Advanced Structural Analysis
CE 5312	Environmental Processes
CE 5317	Simulation and Statistical Methods

Electrical Engineering and Computer Science

Electrical Engineering and Computer Science

CS 5310 Computer Graphics
EE 5311 Semiconductor Devices
EE 5312 Advanced Optoelectronic Devices

Mechanical/Industrial/Manufacturing Engineering

IE/
MECH 5351 Linear and Combinatorial Optimization Methods
IE 5352 Design and Analysis of Industrial Experiments
IE 5359 Computer-Aided Manufacturing
IE 5362 Graphical Elements of Computer-Aided Design and Manufacturing
MECH/
IE/MFG 5390 Special Topics in Mechanical, Industrial, and Manufacturing Engineering

Students from other science or engineering disciplines may wish to develop a concentration in Metallurgical and Materials Engineering or Materials Engineering. In general, a concentration could be developed by considering the core program:

MME 5302 Materials Extraction, Synthesis, and Processing
MME 5304 Phase Transformations and Microstructures
MME 5401 Microstructural and Microchemical Characterization of Materials
MME 5403 Advanced Concepts in Materials Science and Engineering

Other concentrations could be developed by other groupings of courses or areas represented by course groupings. The first three core courses shown above from the MS program are also articulated with the Ph.D. program core in materials science and engineering. Students completing the MS degree in Metallurgical and Materials Engineering and pursuing the Ph.D. degree in Materials Science and Engineering may waive MASE 5302, 6400, and 6402, substituting work as recommended by the Graduate Advisor.

Ph.D. in Materials Science and Engineering

The Department of Metallurgical and Materials Engineering is a participant in a multidisciplinary program leading to the Ph.D. degree in Materials Science and Engineering. For information regarding admission and degree requirements, students should consult the Interdisciplinary Studies section.

Course Information

For descriptions of course offerings, please click [here](#) and select **Metallurgical and Materials Engineering (MME)**.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

College of Health Sciences

- [College of Health Sciences](#)
- [Ph.D. Interdisciplinary Health Sciences](#)
- [Public Health Sciences](#)
- [Kinesiology](#)
- [Rehabilitation Sciences-OT, PT, SPLP](#)
- [Cooperative Pharmacy Program](#)
- [Social Work](#)
- [Cooperative Master of Public Health](#)







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

College of Health Sciences

1101 N. Campbell
(915) 747-7280 (ph)
(915) 747-7207 (fax)
chs@utep.edu

Dr. Kathleen A. Curtis, Dean
Dr. Mark Lusk, Assistant Dean
Dr. Meg Weigel, Associate Dean
Ms. Connie Gamboa, Assistant Dean for Student Affairs

Degree Programs

PhD Interdisciplinary Health Sciences
MS Kinesiology
Speech-Language Pathology
MOT Occupational Therapy
MPH Public Health

Certificate Programs

Bilingual Speech Language Pathology (English/Spanish)

Cooperative Programs

MPH Public Health/University of Texas Health Science Center, Houston
Pharm.D. Pharmacy/University of Texas at Austin

On-Line Program

MS Kinesiology/UT TeleCampus

The College of Health Sciences

The College of Health Sciences offers a Ph.D. in Interdisciplinary Health Sciences, masters programs in Public Health, Kinesiology, Occupational Therapy, Physical Therapy, and Speech-Language Pathology and a certification program in Speech Language Pathology.

The Ph.D. in Interdisciplinary Health Sciences is designed to respond to the growing national shortage of doctorally-trained professionals in health-related fields and to address significant health research needs related to communities in the United States-Mexico border region.

The Master of Public Health (MPH) is a professional degree that prepares students for careers in public health. The MPH Program has a concentration in Hispanic and Border Health. The program provides students with a competitive edge by providing them with the knowledge and analytical and technical skills needed to be an effective leader in the public health field.

The Master of Science in Kinesiology is directed toward students who wish to: (a) increase their knowledge and competency as professional physical educators, (b) complete a master's degree in preparation for continuing their education in a doctoral program, (c) enhance their knowledge in the various exercise science areas, or (d) prepare for higher level jobs in the many professions that deal with human movement and physical activity.

The Master of Science in Occupational Therapy is dedicated to preparing occupational therapists to serve as interdisciplinary health professionals in rural and urban settings in a variety of health care areas.

The Master of Physical Therapy will qualify students to take the Texas (and other State) licensure examination in Physical Therapy. Successful completion of the examination allows the graduate to practice Physical Therapy.

The Master of Science degree in Speech-Language Pathology will qualify students for Texas License and certification by the American Speech, Language, and Hearing Association in Speech-Language Pathology. A Certificate Program is provided in Bilingual Speech Language Pathology (English/Spanish)

The College of Health Sciences also participates in cooperative degree programs with the University of Texas at Austin and the University of Texas Health Science Center, Houston. In cooperation with The University of Texas at Austin, College of Pharmacy, UTEP offers a doctoral program in Pharmacy. Students may also attend classes offered on the UTEP campus to obtain a Master's in Public Health from The University of Texas Health Science Center, Houston. And finally, in cooperation with the University of Texas Health Science Center, Houston, School of Nursing, a Doctor of Science in Nursing is available. For more information on these cooperative programs, students should consult the Graduate School section, under the Cooperative Programs heading.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Ph.D. Interdisciplinary Health Sciences

1101 N. Campbell
(915) 747-7256
ihspdh@utep.edu

PROGRAM DIRECTOR: Joao B. Ferreira-Pinto

The Ph.D. in Interdisciplinary Health Sciences is designed to respond to the growing national shortage of doctorally-educated professionals in health-related fields and to address significant health research needs related to communities in the U.S.-Mexico border region. The program embraces an interdisciplinary model of teaching and learning that seeks holistic perspectives on health-related issues. Thus, this degree will encompass classes taught by faculty from the various disciplines within the College of Health Sciences and the School of Nursing. Disciplines include Nursing, Physical Therapy, Health Promotion, Occupational Therapy, Speech-Language Pathology, Kinesiology, as well as Public Health. Courses from programs outside the College of Health Sciences and the School of Nursing, such as those in Psychology and Biology, are included.

Graduates from this program will have research skills, core knowledge in health sciences, and knowledge in their areas of specialization. The areas of core knowledge include theory, concepts, and literature in the health disciplines, methods of scholarly inquiry in applied and clinical health topics; cultural and ethnic diversity and their effects on health care and research; ethical issues in health care and research; and skills to enhance success in academia and other leadership roles. Individuals will be prepared to educate future health professionals, conduct needed research, and fulfill leadership roles.

Requirements for Admission

Admission to the Ph.D. program in Health Sciences requires completion of a Master's degree in a health-related profession. The program admissions committee will make recommendations to the Graduate School based on an assessment of each applicant's academic achievement and potential. Applicants must apply through the Graduate School, submitting an application form and supporting materials:

- Transcripts according to the requirements of the Graduate School
- Official scores on the Graduate Record Exam
- Official scores on the TOEFL (if appropriate)
- Three letters of recommendation from individuals qualified to assess the applicant's potential for doctoral work
- Personal statement describing career aspirations, potential research interests and faculty mentors, and research experiences
- Other evidence of relevant personal or professional experience
- Successful completion of a background check

Requirements for the Degree

Degree requirements consist of 60 credit hours beyond the master's degree.

Semester Hour Requirements

Core Courses	21
Professional Preparation	6
Individualized Program	12
Research	21

Core courses (21 semester credit hours):

PSYC 5310 Statistics I: Applied Correlation and Regression Methods
PSYC 5311 Statistics II: Experimental Design

CHSC 6302 Legal and Ethical Issues in Health Sciences
CHSC 6303 Proseminar in Interdisciplinary Health Sciences I
CHSC 6304 Proseminar in Interdisciplinary Health Sciences II
CHSC 6396 Advanced Research Methods

And a 3-hour measurement course selected from list below or other similar course as approved.

PSYC 5306 Attitudes and Attitude Measurement
PSYC 5323 Psychometrics

Professional Preparation courses (Select 6 semester credit hours):

CHSC 6343 Seminar in Health Professions Education: Academic and Administrative Roles and Responsibilities
CHSC 6345 Designing Educational Programs in Health Professions
CHSC 6347 Innovative Teaching Strategies in the Health Professions
CHSC 6349 Evaluation in Health Professions Education
CHSC 6350 Seminar in Scientific and Grant Writing
CHSC 6355 Communications and Team Process
EDAD 6309 Seminar in Educational Leadership
HSCI 5352 Evaluation in Health Promotion/Education
PSYC 5312 Program Evaluation

Individualized Program courses (Select 12 semester credit hours)

CHSC 6301 Multicultural Influences on Healthcare and Research
CHSC 6360 Health Policy
CHSC 6380 Special Topics in the Health Professions
EDAD 6316 Qualitative Research Methodology II
MATH 5391 Time Series Analysis
PSYC 5306 Attitudes and Attitude Measurement
PSYC 5331 Cross-Cultural Research Methods

All graduate courses in the College of Health Sciences, the School of Nursing, or graduate courses at the UTHSC-Houston School of Public Health available through the El Paso Regional campus may be used to meet program requirements as approved by the student's supervisory committee.

Research (Select 21 semester credit hours—courses may be repeated for credit)

CHSC 6385 Independent Study in the Health Sciences
CHSC 6388 Research Application
CHSC 6390 Directed Study
CHSC 6398 Dissertation
CHSC 6399 Dissertation

Non-CHSC course descriptions can be found under the corresponding departments. Public Health El Paso (PHEP) courses can be found on the Program course descriptions are listed below.

A copy of the dissertation in PDF or Word electronic format must be submitted to the Graduate School for format check prior to the scheduled defense date. The dissertation, including an abstract not to exceed 350 words, must be prepared according to the Graduate School's thesis and dissertation guidelines available at the Graduate School website. The student will receive email confirmation from the Graduate School after the format has been approved. The final Graduate School approved dissertation must be submitted to the Graduate School in PDF electronic format on a CD in a case by the deadline as published in the Class Schedule along with a hard copy of the signature page with original signatures of the dissertation committee members. The signature page must be included in the PDF file but it should not be signed.

Doctoral candidates are also required to submit the Graduate School approved dissertation at the University Microfilms International website for on-line publication, <http://dissertations.umi.com/utep>. Dissertations are regarded as publications and will be made public once they are approved and submitted. On-line publication does not preclude subsequent publication of the dissertation, in whole or in part, as a monograph or in a journal. Copyright at the author's expense may be arranged through University Microfilms International. In order to protect patent or any other rights, the Graduate School may be requested to delay publication for a period of one year. This request must be supported by a written recommendation of the supervising professor.

Course Information

For descriptions of course offerings, please click [here](#) and select **College of Health Sciences (CHSC)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Public Health Sciences

1101 N. Campbell, Room 717
(915) 747-8214
hsci@utep.edu

CHAIR: Maria O. Duarte-Gardea
GRADUATE ADVISOR: Weigel
PROFESSORS: Weigel
ASSOCIATE PROFESSORS: Armijos, Duarte-Gardea, Thompson, Tomaka
ASSISTANT PROFESSORS: Ford, Loza, Rosenthal
LECTURERS: Ibarra-Mejia, Rascon-Lopez

The Master of Public Health (MPH) degree is the most widely recognized and highly regarded credential for public health professionals. The MPH program at UTEP prepares students for public health careers in the public, non-profit, and private sectors. The program is directed toward individuals with prior health experience or who have a strong commitment to public health. The Hispanic and Border Health concentration prepares students for public health practice in Hispanic and border communities.

Students in the 42-hour MPH program take core courses designed to develop knowledge, analytical, and technical skills in five fundamental public health competencies: social and behavioral sciences, health services administration and policy, epidemiology, environmental health, and biostatistics. The required practicum provides MPH students with an opportunity to apply the public health theory and skills they have learned in a practice setting. Students also learn through the completion of a "culminating experience" which requires a student to synthesize, integrate, and apply knowledge and skills gained through coursework and other learning experiences. The culminating project for the MPH Program at UTEP consists of a thesis or graduate research project.

Graduate students must maintain a minimum CGPA of 3.0 in order to remain in good academic standing. Grades of "C" or below are not considered acceptable graduate level work. Students who receive a D, F or two C grades in their courses will be dismissed from the MPH program.

Master of Public Health (MPH)

Admission Requirements

To be considered for admission into the MPH Program, prospective applicants must submit an application and the following documents to the UTEP Graduate School. The cohort program has fall admission only.

- Completed baccalaureate degree from an accredited U.S. institution or recognized foreign institution
- Minimum 3.0 cumulative GPA on 4.0 scale for prior degree(s)
- GRE or MCAT scores in accordance with UTEP graduate admissions requirements
- Minimum TOEFL exam score of 213/550 (foreign applicants)
- Three letters of recommendation from professional references. At least one of these should be from an academic reference (e.g., former professor)
- A 500-word essay describing any prior health experience and reasons for pursuing the MPH
- Current curriculum vitae or professional resume

Program

The Master of Public Health (MPH) is an interdisciplinary program that requires students to complete 42 credit hours of course work: 15 credit hours of core courses, 9 credit hours in the Hispanic and Border Health Concentration, 6 hours of practicum, and the remaining credit hours from a combination of course electives and a culminating experience (thesis or graduate project). Students who participate in internships with agencies or school districts requiring background checks must successfully pass the background check in order to complete the practicum requirement. Selective courses are chosen in conjunction with the faculty mentor with Graduate Advisor approval.

Master of Arts in Education (with a Health Education emphasis)

Students should refer to the appropriate section under the College of Education in the Graduate Catalog.

Master of Education – Instructional Specialist Major (with a Health Education emphasis)

Students should refer to the appropriate section under the College of Education in the Graduate Catalog.

Students seeking the MS in Health Promotion should be advised by the Graduate Advisor for the Department of Public Health Sciences in the College of Health Sciences. Students seeking the Master of Arts in Education or the Master of Education - Instructional Specialist degree should be advised by the Graduate Advisors in both the College of Education and the College of Health Sciences.

Graduate Certificate in Public Health

Introduction

Public health uses a multidisciplinary approach where professionals from different disciplines work together for a common purpose: promoting health, preventing disease, and improving the life quality of communities. The UTEP Graduate Certificate in Public Health is a 15-credit hour program of study that provides students with the core public health concepts they need to improve their professional knowledge or to later pursue a graduate degree in the public health field. The certificate consists of the five core courses required for the Master of Public Health degree. Students who successfully complete their certificate program with grades of B or better in all courses will be eligible for consideration for admission into the MPH degree program although acceptance is not guaranteed.

Target Audience

This flexible, convenient certificate program is designed for several types of prospective students. These include: (1) currently enrolled graduate/professional students who would like to explore public health as a possible future profession, (2) persons who currently work in the public health sector but whose undergraduate training did not include formal education in public health, (3) individuals who currently hold an undergraduate, graduate, or professional degree in another area but who interested in increasing their public health knowledge and expertise or who wish to move into the field of public health, and (4) persons with prior undergraduate/graduate/professional degrees who do not currently have the time to complete a MPH program and/or who may feel more comfortable initially pursuing a certificate program.

Schedule

All MPH courses are held in late afternoon/early evenings to accommodate working professionals. The five core courses that constitute the graduate certificate are offered every year during the Fall and Spring semesters. Full-time students can expect to complete the certificate requirements in as little as two semesters, i.e., three courses in the Fall and two courses in the Spring semesters. Part-time will take longer to finish the certificate requirements, depending upon how many courses they enroll in per semester.

Curriculum

Fall Semester Courses (offered every year)

- PUBH 5353 Social and Behavioral Approaches in Public Health
- PUBH 5307 Health Services Administration and Policy
- PUBH 5305 Biostatistics in Public Health

Spring Semester Courses (offered every year)

- PUBH 5302 Epidemiology for Public Health Professionals
- PUBH 5304 Environmental Health

Admission Requirements

Admission to the UTEP graduate public health certificate program is competitive. The admission requirements for the Public Health Certificate program are similar to those for the MPH program for the purpose of maintaining program quality.

- Completed baccalaureate degree from an accredited U.S. institution or recognized foreign institution.
- Minimum 3.0 cumulative GPA on 4.0 scale for all prior academic work
- International applicants: Must meet the minimum TOEFL score requirement set by the UTEP Graduate School.
- Prior health experience (e.g., in health care, research, community development, health promotion/education) and/or commitment to public health.

Application Process

The Public Health Certificate Program has Fall admission only. All application documents must be received by UTEP Graduate School by July 1st for Fall admission. Submit the following documents online to the UTEP Graduate School at: <https://apply.embarc.comigrad/UTEP119/>:

- A completed UTEP application form
- Current CV or resume
- Official transcripts from all colleges/universities attended
- Three letters of recommendation from professional references such as current/former professors or employers (not relatives or friends). At a minimum, one of these must be from an academic reference (former professor, dean)
- A SOO-word statement clearly describing prior health-related experience, reasons for pursuing the Public Health Graduate Certificate and future career plans.

Course Information

For descriptions of course offerings, please click [here](#) and select **Public Health (PUBH)**.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Kinesiology

1101 N. Campbell, Room 502
(915) 747-7245
rm Diaz@utep.edu

CHAIR: Darla Smith
PROFESSOR: Meeuwssen
ASSOCIATE PROFESSOR EMERITUS: Garland O'Quinn
ASSOCIATE PROFESSORS: King, Smith
ASSISTANT PROFESSORS: Dorgo, Riskowski, Vella
CLINICAL ASSISTANT PROFESSOR: Pederson

The Master of Science degree with a major in Kinesiology is directed toward students who wish to: (a) increase their knowledge and competency as professional physical educators, (b) complete a master's degree in preparation for continuing their education in a doctoral program, (c) enhance their knowledge in the various exercise science areas, or (d) prepare for higher level jobs in the many professions that deal with human movement and physical activity.

Admission Requirements

For **admission** into the master's program in Kinesiology, students must present:

1. An undergraduate degree in Kinesiology or a related field from an accredited institution with an overall GPA of at least 3.0 on a 4.0 scale.
2. Demonstration of academic achievement and potential as indicated by the results of the Graduate Record Examination (GRE) and upper level undergraduate and graduate coursework.
3. TOEFL score of at least 550 (paper based; 213 computer based; 80 internet based) for those students for whom English is a foreign language. Score of at least 600/250/100 required for TA positions.
4. Written Statement of Purpose for pursuing graduate degree
5. Other evidence of background and experience that may be available.
6. Students who participate in internships with agencies or school districts must successfully pass a background check.

For **conditional admission** into the master's program in Kinesiology, students must present:

1. An undergraduate degree from an accredited institution with an overall GPA of at least 2.8 on a 4.0 scale.
2. At least 12 hours of undergraduate Kinesiology core courses approved by the program graduate advisor.
3. Demonstration of academic achievement and potential as indicated by the results of the Graduate Record Examination (GRE) and upper level undergraduate and graduate coursework.
4. TOEFL score of at least 550 (paper based; 213 computer based; 80 internet based) for those students for whom English is a foreign language. Score of at least 600/250/100 required for TA positions.
5. Written Statement of Purpose for pursuing graduate degree
6. Other evidence of background and experience that may be available.

Grade Requirements for the MS in Kinesiology

The following applies to fully admitted students. Any grade of "D" or "F" will result in a referral to the full Kinesiology Graduate Faculty for review. Barring extenuating circumstances, this will result in a recommendation to the Graduate School for dismissal from the Kinesiology Graduate Program. A grade of "C" is not considered acceptable graduate level work. One grade of "C" is permitted so long as the overall GPA does not fall below 3.0. A second "C" will result in a referral to the full Kinesiology Graduate Faculty for review. Barring extenuating circumstances, this will result in a recommendation to the Graduate School for dismissal from the Kinesiology Graduate Program.

Degree Requirements for the MS in Kinesiology

A total of 36 hours, distributed as follows:

Core Courses Required of All Students (15 hours)

Kinesiology

KIN 5361 Biomechanical Basis of Sport
KIN 5372 Advanced Exercise Physiology
KIN 5373 Motor Learning and Control

Statistics-Choose one course from the following list:

KINO 6370 Introduction to Statistics (offered online)
PSYC 5310 Statistics I: Applied Correlation and Regression
EDRS 5340 Advanced Statistics
SOC 5312 Seminar in Advanced Measurement and Inference
STAT 5328 Introduction to Statistical Analyses

Research Methods-Choose one course from the following list:

DRSC 5389 Research in Health Science
KINO 6372 Research Methods (offered online)
EDRS 5305 Educational Research and Statistics
EDRS 5306 Qualitative Research
HSCI 5352 Evaluation in Health Promotion/Education
PSYC 5311 Statistics II: Experimental Design

The graduate advisor may approve other statistics and /or research methods courses.

Students will choose to concentrate in either Exercise Science or Pedagogy of Physical Activities.

Exercise Science Concentration

The Exercise Science concentration will supplement students' knowledge about laboratory practice and prepare them for careers in fitness, clinical and research settings. Although taking online courses can satisfy some of the requirements, a student must take the required traditional laboratory courses to complete this concentration. The 36-hour program will include the common core (15 hours) plus the following courses.

Exercise Science Courses:

KIN 5371 Measurement Techniques in Exercise Physiology
KIN 5374 Measurement Techniques in Biomechanics

Electives:

Electives:

9 hours from Kinesiology or related area
All elective hours are subject to approval by graduate advisor.

***Project Option:**

KIN 5397 Graduate Project

3 hours from Kinesiology or related area

or

***Thesis Option:**

KIN 5398 Graduate Thesis I

KIN 5399 Graduate Thesis II

*The project or thesis will relate to an exercise science topic

Pedagogy of Physical Activity Concentration

The Pedagogy of Physical Activity concentration will supplement students' knowledge about teaching and/or coaching settings. A student can fulfill the requirements for this option completely online or by combining traditional and online courses. The 36-hour program will include the common core (15 hours) plus the following courses:

Pedagogy of Physical Activity Courses:

KIN 5365 Programs of Physical Activity or

KIN 5369 Physical Activities for Young Children (offered online)

KIN 5367 Effective Instruction in Physical Education or

KINO 6352 Analysis of Teaching and Coaching Behavior (offered online)

Electives:

9 hours from Kinesiology or related area

All elective hours are subject to approval by graduate advisor.

***Project Option:**

KIN 5397 Graduate Project

3 hours from Kinesiology or related area

or

***Thesis Option:**

KIN 5398 Graduate Thesis I

KIN 5399 Graduate Thesis II

* The project or thesis will relate to a pedagogy topic

Online Master's Degree

UTEP collaborates with five other UT System universities to offer the courses necessary to earn the Master's Degree in Kinesiology with an emphasis in Pedagogy of Physical Activities completely online through the UT System TeleCampus. Although this degree was designed to meet the needs of students who are unable to attend traditional classes, the courses can also be used to supplement the course work taken by traditional students enrolled in the graduate program at UTEP.

The online program has the same admission and the degree requirements as the traditional program. Online courses offered by the other UT System universities can count toward the UTEP degree.

For more information regarding the Online Degree, students can visit the UT TeleCampus Kinesiology web page <http://www.telecampus.utsystem.edu/catalog/programs/programinfo/kinesiology.aspx> or contact Dr. Darla R. Smith (darsmith@utep.edu) or Dr. George A. King, Graduate Coordinator (gking@utep.edu)

Course Information

For descriptions of course offerings, please click [here](#) and select **Kinesiology (KIN)**.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Rehabilitation Sciences

The Department of Rehabilitation Sciences is comprised of four graduate degree programs – Occupational Therapy, Physical Therapy, Rehabilitation Counseling, and Speech-Language Pathology. Each program has unique admission requirements and degree programs, outlined after the following departmental shared courses.

For descriptions of course offerings, please click [here](#) and select Department of Rehabilitation Sciences (DRSC).

Master of Rehabilitation Counseling

1101 N. Campbell, #716
(915) 747-7233
rehabcounseling@utep.edu

PROGRAM DIRECTOR: Timothy N. Tansey

The Master of Rehabilitation Counseling (MRC) degree is a 54-semester credit hour graduate program that provides a strong foundation in the philosophy, process, and profession of rehabilitation counseling through didactic coursework, field experiences, and extracurricular experiences. It develops expertise in the independent living, medical, social, and psychological aspects of disability and in the vocational rehabilitation process. Students are trained in applied processes such as vocational assessment, job placement, career development, and disability management. Graduates are eligible to sit for the national certification exam, the Certified Rehabilitation Counselor Exam, offered by the Commission on Rehabilitation Counselor Certification. Individuals with graduate degrees in rehabilitation counseling are highly sought after by a number of rehabilitation agencies in El Paso, the state of Texas, and across the nation. These agencies include organizations such as the Texas Division of Assistive and Rehabilitative Services, the U.S. Department of Veterans Affairs, CIGNA Corporation, and many other rehabilitation service agencies.

Requirements for Admission

In addition to the general requirements for admission into a graduate program as specified by the Graduate School, applicants should have a minimum GPA of 3.0 in their undergraduate programs or in the last 60 credit hours of coursework. Applicants must separately submit to the MRC Admissions Committee via the Program Director: 1) unofficial copies of transcripts, 2) GRE/TOEFL scores, 3) a brief statement summarizing professional goals, and 4) at least three letters of recommendation two of which should be from former professors or academic instructors.

Prior to making a recommendation on acceptance to the Graduate School, the MRC Admissions Committee will review the academic preparation of applicants. There are no requirements regarding undergraduate majors for acceptance in the program. However, students with backgrounds in psychology, social work, sociology, and special education are encouraged to apply. Potential applicants should make early inquiry of the Program Director for consultation regarding undergraduate courses that will prepare students for the MRC program.

Degree Requirements

The MRC degree consists of 54 graduate hours comprised of required courses and electives. The program of study is intended to be a course-intensive experience requiring two years of full-time academic work, including field experiences in either public or private sector rehabilitation agencies. Students who participate in internships with agencies requiring background checks must successfully pass the background check in order to complete the practicum requirement. A thesis is not a requirement for this degree.

I. Courses

1. Required courses (48 semester credit hours):

REHC 5300	Ethical, Legal & Professional Issues in Rehabilitation
REHC 5310	Rehabilitation Counseling Theory
REHC 5320	Medical Aspects of Disability
REHC 5330	Psychosocial Aspects of Disability
REHC 5340	Rehabilitation Counseling Methods
REHC 5350	Psychiatric Rehabilitation
REHC 5360	Career Placement
EDPC 5335	Appraisal and Assessment
EDPC 5338	Group Counseling
EDPC 5339	Techniques of Counseling
EDPC 5346	Counseling Multicultural and Diverse Population
DRSC 5389	Research in Health Sciences
REHC 5390	Practicum in Rehabilitation
REHC 5990	Internship in Rehabilitation

2. With the approval of the MRC Program Director and the Graduate School, up to 6 semester hours of graduate work may be transferred from another accredited institution to replace equivalent courses listed above. Only credit hours that have not been counted towards a previously awarded degree are allowed to be transferred.

II. Electives (6 semester credit hours)

In addition, students will take a total of 6 semester hours of elective coursework and/or project work. A list of pre-approved electives is available from the Program Director. Approval is required by the student's Graduate Advisor for elective courses not on this list.

III. Practicum (3 semester credit hours)

The student will complete a 100 clock-hour practicum, REHC 5390, at a practicum site at government institution, community rehabilitation program, or other location that is a current or potential employer of rehabilitation counselors. Students are required to consult with their advisor regarding the rehabilitation services offered at different practicum sites and their preference for placement at specific practicum sites.

IV. Internship (12 semester credit hours)

The student will complete a 600 clock-hour internship, REHC 5990, at an internship site at government institution, community rehabilitation program, or other location that is a current or potential employer of rehabilitation counselors. The student must receive a grade of "Satisfactory" or better in order to fulfill the internship requirement of this degree. Students are required to consult with their advisor regarding the rehabilitation services offered at different internship sites and their preference for placement at specific sites. This consultation will include a review of students' long-term goals and professional focus.

Course Information

For descriptions of course offerings, please click [here](#) and select **Rehabilitation Courses (REHC)**.

Occupational Therapy

1101 N. Campbell, Room 519
(915) 747-7268
ot@utep.edu

DIRECTOR: Stephanie Capshaw
PROFESSOR EMERITA: Gretchen Schmalz
CLINICAL ASSOCIATE PROFESSOR: Capshaw, Haltiwanger
ASSISTANT PROFESSORS: Gonzalez
CLINICAL ASSISTANT PROFESSOR: Brown, Castillo

Master of Occupational Therapy

Occupational Therapy is a dynamic profession and an integral part of modern comprehensive health care. Occupational therapy is the use of purposeful activity or interventions designed to achieve functional outcomes which promote health, prevent injury or disability, and which develop, improve, sustain or restore the highest possible level of independence of any individual who has an injury, illness, cognitive impairment, psychosocial dysfunction, mental illness, developmental or learning disability, physical disability, or other disorder or condition. Occupational Therapy services are provided in a variety of settings, ranging from medical facilities to community health agencies, schools, and private practice.

The Occupational Therapy Program offers a Master of Occupational Therapy degree. While acceptance into the Master's Degree Program does not require prior completion of an undergraduate degree, the competitive nature of the admissions process makes it imperative that interested undergraduates follow a traditional undergraduate major (e.g., Health Promotion, Kinesiology, Biology, Psychology, Social Work, Anthropology, etc.) as they complete the program prerequisites and electives. In addition, undergraduates should be aware of the University Core Curriculum and its requirements as they plan a course of study that may lead to consideration for admission to the Masters Degree in Occupational Therapy. Candidates with a Bachelor's degree will be given preference. The program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE), P.O. Box 31220, Bethesda, MD, 20824-1220, (301) 652-AOTA (2682).

Graduates of the program will be eligible to sit for the National Certification Examination for the Occupational Therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be an occupational therapist, registered (OTR). In addition, most states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT certification examination. A felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure.

Admission Requirements

1. Completed application to the Graduate School
2. Completion of the University Core Curriculum prior to beginning the Masters Degree Program in Occupational Therapy
 - a. Applicants without a baccalaureate degree must complete UTEP Core Curriculum requirements
 - b. Applicants without a baccalaureate degree must complete a minimum of 12 hours at the upper division level (preferably within their major)
 - c. Students with a baccalaureate degree are exempt from the University Core Curriculum requirement.
3. A minimum overall GPA of 3.0 (on a four-point scale).
4. A minimum GPA of 3.0 (on a 4.0 scale) on occupational therapy prerequisites.
5. Transcripts according to the requirements of the Graduate School.
6. Submission of official Graduate Record Examination (GRE) scores.
7. Three letters of recommendation
8. Completion of an official interview of all eligible candidates.
9. Successful completion of a background check.
10. Graduate application processing fee (\$30 US for permanent residents)
11. International students (when English is not the official or first language) must have a minimum score of 213/550 on TOEFL

Additional Requirements

Although not mandatory, it is recommended that applicants volunteer within an occupational therapy setting to gain exposure and experience to occupational therapy practice. Recommendations are 40-50 hours.

Degree Requirements

Applicants for the program should have completed the following undergraduate courses:

Foundation Courses	Credits
Medical Terminology	1*
Human Anatomy and Physiology with Lab**	4
Science elective (recommended A&P II, Biology II, Chemistry, etc.)	4
Introduction to Psychology	3
Abnormal Psychology (or equivalent)	3
Other Social Sciences ***	6
Statistics for non-math majors	3
Human development across the entire life span	3
Technical Writing (or equivalent)	3
Total credits	27

* Successful completion of a medical terminology competency exam will substitute for this prerequisite.

** Courses must cover the nervous, muscular and skeletal systems.

*** Courses incorporating group dynamics and research in social sciences are strongly recommended.

NOTE: In order to engage in clinical rotations, which are a crucial element in the curriculum, Occupational Therapy students must pass a background check. Therefore, applicants accepted to the Occupational Therapy program will be required to undergo and pass a background check prior to matriculation. Applicants are responsible for the costs in obtaining a background check report.

Major Required Courses	Hours
DRSC 5388 Pathophysiology for Health Sciences	3
DRSC 5389 Research in Health Science	3
DRSC 5390 Neuroscience for Health Sciences	3
DRSC 5495 Anatomy for Health Sciences	4
DRSC 5396 Medical Kinesiology and Biomechanics	3
OT 5136 Preceptorship Studies*	1
OT 5177 Graduate Seminar**	1
OT 5301 Analysis and Adaptation of Occupation I	3
OT 5302 Analysis and Adaptation of Occupation II	3
OT 5305 Upper Extremity Rehabilitation and Performance	3
OT 5312 Psychosocial Aspects of Occupation	3
OT 5315 Legal and Ethical Issues in Health Care	3
OT 5316 Leadership in Occupational Therapy	3
OT 5320 Occupational Performance of Older Adults	3
OT 5324 Occupational Performance in Early Intervention	3
OT 5325 Occupational Performance in School Age Children	3
OT 5327 Work and Human Occupation	3
OT 5328 Occupational Performance of Adults I	3
OT 5329 Occupational Performance of Adults II	3
OT 5332 Environmental Influences on Living	3
OT 5424 Occupational Performance in Mental Health	4
OT 5611 Concepts and Foundations of Occupation Centered Practice	6

Total major required hours**67**

* May be repeated with department approval

** Must be taken when student is concurrently enrolled in OT 5388 Project or OT 5399 Thesis

Graduate Project or Thesis Required		Hours
Hours		Hours
OT 5388	Graduate Project I or OT 5398 Thesis	3
OT 5389	Graduate Project I or OT 5398 Thesis	3

Total graduate project or thesis hours 6

Fieldwork (formerly Field Studies)		Hours
OT 5340	Fieldwork II First Rotation (weeks 1-6)and	3
OT 5341	Fieldwork II First Rotation (weeks 7-12)	3
OT 5342	Fieldwork II Second Rotation (weeks 1-6)and	3
OT 5343	Fieldwork II Second Rotation (weeks 7-12)	3

Total Fieldwork hours 12

Optional Elective Courses		Hours
	Selected Topics in Occupational Therapy	
OT 5250	Selected Topics in Occupational Therapy	2
OT 5350	Independent Study in Occupational	3
OT 5252	Therapy	2
OT 5352	Independent Study in Occupational	3
OT 5338	Therapy	3
	Fieldwork II Elective	

Total Semester credit hours required for the degree 85

Physical Therapy

1101 N. Campbell, Room 500
(915) 747-8207
pt@utep.edu

DIRECTOR: Mary Carlson
ASSOCIATE PROFESSOR: Carlson
CLINICAL ASSOCIATE PROFESSORS: Dillon, Ryberg
ASSISTANT PROFESSORS: Sjpla
LECTURERS: Fisher, Walker, Allen, Carson

Physical Therapy is a health profession whose primary purpose is the promotion of optimal physical function. The Doctor of Physical Therapy (DPT) Degree provides a professional entry education at the doctoral level. Physical therapists apply scientific principles to prevent and treat acute and chronic movement disorders. Physical therapy encompasses areas of specialization and includes the development of new approaches to more effectively meet existing and emerging health care needs. Other professional activities that physical therapists participate in include research, education, and administration.

The first year of the DPT program starts in late May, and extends to the end of the spring semester. During this year, students complete courses in foundational and clinical sciences and general physical therapy evaluation and treatment procedures. The clinical courses focus on the neuromuscular, musculoskeletal and cardiopulmonary systems. During the second year, which begins in late May and continues to the end of the spring semester, students continue to study the management of patients with integument, orthopedic and neurological abnormalities. Courses also address concerns unique to pediatric patients.. Two full-time clinical experiences occur during the second year.

Most of the third year, which begins in late May and ends at the end of the fall semester, is devoted to clinical education, with courses addressing Geriatrics, Imaging and specific populations, and a final case-study project. The full-time clinical experiences during the second and third years of the program occur at facilities located in various parts of Texas and the surrounding states, and the expense of re-locating and working at these sites are the student's responsibility. Graduates are eligible to sit for the Physical Therapy Board Licensure Examination to become licensed to practice physical therapy in Texas or other state of choice.

Admission requirements include an earned bachelor's degree including 49 semester hours of prerequisites. The Required Course List is attached. Note that a minimum overall GPA of 3.0 on four point scale, and a minimum GPA of 3.0 in prerequisite courses are required. In addition, 50 clock hours of volunteer or paid experience in a physical therapy setting is required, and must be supervised by a licensed physical therapist. The Graduate Record Exam (GRE) is also required, and while there is no minimum score required, the score will be considered in the competitive admissions process.

Students must complete an undergraduate degree prior to beginning this program. Physical Therapy prerequisites must also be completed. Each qualified applicant is scheduled for an interview with the Admissions Committee.

For more information, or to receive an application packet, please contact the Administrative Assistant, Physical Therapy Program, 1101 North Campbell, El Paso, TX 79902-0581, (915) 747-8207, or e-mail pt@utep.edu.

A felony conviction may affect eligibility for Physical Therapy licensure in Texas. Questions may be answered by contacting the Texas Board of Physical Therapy Examiners, 333 Guadalupe, Suite 2-S10, Austin, TX 78701. You may also call the TBPE at 512.305.6953.

Completion of the following requirements makes a student eligible for selection, but does not guarantee admission to the Physical Therapy Program. Each qualified and competitive applicant is scheduled for an interview. The final selection is competitive, with 24 students accepted into each incoming class.

Minimum Admission Requirements

1. Bachelor's degree in student's field of choice
2. Completion of 49 hours of required undergraduate or graduate equivalent prerequisite courses as designated on the UTEP PT Program website
3. A minimum overall GPA of 3.0 (on a four point scale)
4. A minimum GPA of 3.0 (on a four point scale) in prerequisites.
5. 50 clock hours of documented volunteer or paid work experience in a physical therapy setting under the supervision of a licensed Physical Therapist.
6. One recommendation from a Physical Therapist who supervised your work or volunteer experience
7. Two recommendations from individuals concerning the attributes that qualify you for this program (these can be from physical therapists or others)
8. Graduate School Application (with fee, Student Profile and Statement of Purpose*)
*The statement of purpose should address why you are interested in becoming a physical therapist
9. Official transcripts from all universities or colleges attended.
10. Official interview (by invitation)
11. Completion of TOEFL (Required of International Students, minimum score: 550)
12. GRE (Graduate Record Examination) Scores

NOTE: In order to engage in clinical rotations, which are a crucial element in the curriculum, Physical Therapy students must undergo and pass a background check and drug screen prior to matriculation. Applicants will be responsible for the costs in obtaining a background check report and drug screen. Information is available at the College of Health Sciences compliance website.

Prerequisite Courses

Forty-nine semester hours are required prerequisite courses. These courses must meet specified conditions1 and include:

Semester Hours	Subject	UTEP Course Number	Texas Common Course Number	EPCC Course Number
8	Majors' Biology with Lab	BIOL 1305/ 1107 & either BIOL 1306/ 1108 or BIOL 3414 or ZOOL 2406	BIOL 1306/1106 & BIOL 1307/1107 No equivalent BIOL 2428	BIOL 1406 & BIOL 1407 No equivalent BIOL 2428
4	Upper-Level Physiology Course with Lab	BIOL 4388/ ZOOL 4181 or ZOOL 4380/4181	No equivalent No equivalent	No equivalent No equivalent
8	Chemistry	CHEM 1407 & CHEM 1408 or CHEM 1305/1105 & CHEM 1306/1106	CHEM 1406 No equivalent CHEM 1311/1111 & CHEM 1312/1112	CHEM 1407 & CHEM 1408 CHEM 1411 & CHEM 1412
8	Precalculus-Level Physics with Lab	PHYS 1403 & PHYS 1404	PHYS 1401 & PHYS 1402	PHYS 1401 & PHYS 1402
6	Psychology : General & Development to include Entire Life Span	PSYC 1301 & PSYC 2310	PSYC 2301 & PSYC 2314	PSYC 2301 & PSYC 2314
9	English (Must Include Composition)	ENGL 1311 & ENGL 1312 & ENGL 3359	ENGL 1301 & ENGL 1302 No equivalent	ENGL 1301 & ENGL 1302 No equivalent
3	Speech	COMM 1301 or COMM 1302	SPCH 1315 or SPCH 1321	SPCH 1315 or SPCH 1321
3	Statistics - Should include ANOVA.	PSYC 1303	PSYC 2317	PSYC 2317

All prerequisites must be completed prior to beginning the professional course of study in the Fall. All prerequisites must be completed with a grade of "C" or better.

Admissions Process

There are two deadlines for submission of admission packets each year. To be considered for Fall interviews, all materials must be received by November 1. To be considered for Spring interviews, all materials must be received by February 1.

Students should apply when they are within 1 semester of completion of course requirements for admission. Our objective is to fill the class with students who complete all course requirements by the end of the Spring Semester of the year for entrance into our program. Completed applications will be reviewed semiannually in February and November. Interviews for qualified applicants will be scheduled in November and February/March for qualified applicants. Following the November interviews, exceptionally well-qualified students will be immediately accepted to the program. Other qualified applicants will be placed in a "pool", will remain in competition for class slots, and will be compared to subsequent applicants in March. The application process will close February 1 for all admissions. Applications remain viable for one year (i.e., from date application fee is received by Graduate School). To continue to be considered after one year, one must reapply.

Selection Criteria

Completion of the above requirements makes a student eligible for selection but does NOT guarantee admission to the Physical Therapy Program. The final selection is competitive and based on academic course work and the other identified admission requirements.

Probation and Dismissal

The UTEP Physical Therapy Program has established the following policy concerning academic probation, clinical affiliations, and potential dismissal from the program. This policy is designed to supplement the UTEP Graduate School policies on academic probation and dismissal. If a student is dismissed from the PT Program, no consideration for readmission will be taken.

1. An "F" grade in any PT curriculum course will result in immediate dismissal from the program.
2. No more than 2 "C" grades will be permitted in the PT curriculum required courses. A third "C" grade will result in immediate dismissal from the program.
3. Students must maintain a PT Program semester GPA of 3.0 or greater and overall PT Program GPA of at least 3.0 to avoid academic probation. A student may not be on academic probation for more than one consecutive semester or for more than two non-consecutive semesters throughout the entire program.
4. If a student enters the PT Program with conditional acceptance, he or she must remove all admissions conditions within the time required.
5. If the student is placed on academic probation, any scheduled clinical experience during the following semester will be delayed until the student is off probation. The student must complete all clinical requirements to graduate.
6. If the student fails the safety-related criteria or an overall combined practical examination, the student will be given the opportunity to repeat the combined practical examination within an established examination period. If the student fails the safety-related criteria or the overall combined practical examination in the repeated examination, the student will be dismissed from the program.
7. Students must be enrolled full-time in the PT Program. If a student drops a course in any semester, the student will be dismissed at the end of the current semester.

All applications, supporting documentation, transcripts, and test scores should be sent to:
Graduate School (Physical Therapy), The University of Texas at El Paso
223 Academic Services Building
500 W. University Ave.
El Paso, Texas 79968
(915) 747-5491
gradschool@utep.edu

Inquires may be made to:
Physical Therapy Program, UTEP College of Health Sciences
1101 N. Campbell
El Paso, TX 79902-0581
(915) 747-8207
pt@utep.edu

DPT Professional Course of Study:

- 5101 Special Topics in PT (1-0)
- 5201 Special Topics in PT (2-0)
- 5301 Special Topics in PT (3-0)
- 5401 Special Topics in PT (4-0)
- 6101 Special Topics in PT (1-0)
- 6204 Special Topics in PT (2-0)
- 6301 Special Topics in PT (3-0)
- 6401 Special Topics in PT (4-0)

An elective course that further investigates special topics in physical therapy evaluation and treatment techniques. Prerequisite: Departmental approval required. Restricted to DPT students.

5102 Surface Anatomy (0-3)

Students will identify bony landmarks, tendons, muscles, joint boundaries, and ligaments of the trunk, head, and extremities. This identification will be extended to include visualization of the locations and boundaries of deeper structures including bones, deep muscles, and internal organs.

5103 Patient Care Skills (0-3)

Skill in basic patient care procedures will be acquired in this laboratory course. These include correct body mechanics, infection control, wheelchair and assistive device application, gait training, patient positioning and draping, transfer techniques including handling lines and tubes and assessment of vital signs.

5104 Spanish Medical Terminology (1-0)

This course is designed to improve fluency in specific Spanish Medical Terminology commonly used in physical therapy practice. (Students will be grouped according to level of proficiency.)

5105 Intro to Clinical Experience (0-0-6)

This introduction to the clinic will assist students in developing their professional practice skills as well as patient and practice management skills through observation and experiential learning. Clinical experiences will be 1 day/week over 10 weeks.

5204 Tests & Measures (0-6)

Patient history, systems review, basic tests and measures are presented in this laboratory course. The basic tests include muscle performance, pain, range of motion and self care and home management.

5216 Research Methods (2-0)

Basic research methods, measurement protocols, and applied statistics, for the purpose of critiquing scientific literature are introduced. Research design (experimental and non-experimental) and common statistical tests (parametric and nonparametric) are reviewed. The course emphasis is on the critique and application of research literature.

5225 Specific Populations (2-0)

This course focuses on physical therapy issues and healthcare delivery to specific populations, such as women's health, bariatric patients, homeless, prisoners, and adolescents. Common medical problems prevalent in these populations are emphasized, as well as the impact on patient/client management and outcomes.

5233 Behavioral Science Topics (2-0)

Social and psychological factors governing therapeutic relationships with patients, including such topics as verbal and nonverbal communication, cultural competence, sexuality, and spirituality are introduced. Health behavior-change models and wellness theories are explored.

5311 Modalities in PT Practice (2-3)

Thermal, mechanical and electrotherapeutic modalities and techniques commonly used in physical therapy practice are studied. Therapeutic effects of heat, cold, light, water, and electricity are assessed, and practical applications of these modalities are demonstrated.

5312 Pathophysiology in Rehabilitative Science (3-0)

An in-depth evaluation of disease and injury processes across the lifespan and their relevance to therapeutic rehabilitation are presented. Attention is given to all major physiological systems.

5340 Management and Finance in Physical Therapy (3-0)

Management theory and fiscal discipline relevant to healthcare delivery as it relates to physical therapy are presented. Alternate means and sources of healthcare delivery are assessed, as well as administrative factors that impact care giving. Concepts and strategies applicable to the marketing and management of physical therapy practice are discussed. The principles and ethics underlying effective conflict resolution are emphasized.

5390 Neuroscience for Health Sciences (3-0)

Human neuroscience with an emphasis on normal and abnormal structures and functions of the nervous system, as applied to neurological dysfunction and its impact on physical and occupational functioning of an individual are studied.

5407 Medical Kinesiology/ Motion Analysis (3-3)

The kinematics and kinetics of the human body, postural control, and the basics of gait analysis are comprehensively studied. Biomechanical principles that control human movement are applied to motion analysis.

5413 Clinical Education in Physical Therapy I (0-0-21)

A synthesis of applied knowledge acquired from the first year of the curriculum including, but not limited to, human anatomy, basic pathology, and human physiology applied to the physical therapy care of patients/clients are integrated in this clinical internship. (8 weeks, full-time)

5425 Clinical Education in Physical Therapy II (0-0-21)

A synthesis of advanced applied physical therapy knowledge and patient/client skills is acquired in various settings of this clinical internship. The student must demonstrate competency in solving complex patient problems in a variety of patient populations. (8 weeks, full-time)

5443 Clinical Education in Physical Therapy III (0-0-21)

A refined synthesis of advanced applied physical therapy knowledge and patient/client skills is acquired in various settings in this clinical internship. By the end of this course, students must complete all skill objectives in the clinical education tool in order to attend the final internship. (8 weeks, full-time)

6108 Integument Patient Management (0-3)

A comprehensive review of the integumentary system concentrating on the prevention of integument disruption and management of patients with open wounds, burns, and other dermatologic disorders is presented. Attention is given to the examination of and intervention for integumentary conditions across the lifespan.

6109 Imaging (1-0)

This course introduces the student to physical principles of imaging methods and provides a framework for interpreting medical images. Medical imaging systems include conventional X-ray, computed tomography (CT), magnetic resonance imaging (MRI), nuclear medicine (PET and SPECT), and ultrasound. Basic concepts in medical image processing and analysis, as well as medical applications, will be introduced.

6110 Integrative Seminar I (1-0)

Course work completed by the student across the first and second year of the curriculum is integrated in this seminar. The students will take a comprehensive exam demonstrating their mastery of curricular content, permitting them to begin their first clinical rotation. Comprehensive case studies are presented to the student, who must demonstrate proficiency in patient management skills.

6111 Integrative Seminar II (1-0)

Course work completed by the student across the second and third year of the curriculum is integrated in this seminar. The students will take a comprehensive exam demonstrating their mastery of curricular content, permitting them to go on their second clinical rotation. Comprehensive case studies are presented to the student, who must demonstrate proficiency in patient management skills.

6116 Capstone Course (1-0)

The student will complete the Evidence Based Practice (EBP) patient problem begun in the 5th semester. This EBP project is used to integrate the components of the physical therapy patient and practice management model. Students will present a comprehensive review of the evidence to demonstrate clinical decision making in the management of the complex patient. The review will encompass evidence applicable to diagnosis, prognosis, intervention, and outcome.

6201 Law and Ethics in PT Practice (2-0)

Ethical principles and legal factors which influence healthcare in general and physical therapy practice in Texas are introduced.

6202 Professional Practice in PT (2-0)

Attributes, behaviors, and values embodied by physical therapists in the conduct of professional practice, including documentation skills, teaching and learning principles, and maintenance of effective therapeutic relationships are introduced.

6203 Differential Diagnosis(2-0)

An evaluation of the musculoskeletal, neuromuscular, cardiopulmonary, and integumentary conditions encountered by physical therapists, with emphasis on physical therapist diagnosis are presented. Recognition of signs and symptoms associated with various conditions beyond the scope of physical therapist intervention is developed, enabling the practitioner to make appropriate referrals.

6205 Pharmacology in Physical Rehab (2-0)

Foundational information concerning pharmacologic interventions and how drugs can be used as part of a comprehensive healthcare and rehabilitation regimen are the focus of this course.

6207 Motor Control and Motor Learning (2-0)

The neural, physical, and behavioral processes that govern human motor performance across the lifespan are studied. Theories of motor learning and re-learning following trauma are emphasized, with attention given to how intervention and feedback variables impact the learning process. Factors that influence postural control during life are addressed.

6209 Geriatrics (2-0)

Students will differentiate the specific considerations of an aging population with regard to disease processes and the physical therapy management of those patients.

6304 Evidence-based Practice (3-0)

Concepts developed in Research Methods, with a focus on incorporating scientific evidence into physical therapy practice are continued. The student is exposed to the discipline of retrieving, evaluating, and incorporating the findings of scientific literature in the conduct of clinical practice. Students will focus on the critical evaluation new information from research findings and integration of the best research evidence into clinical practice.

6307 Cardiopulmonary Patient Management (2-3)

This course provides theoretical and practical instruction for the evaluation and management of physical therapy patients with cardiovascular and pulmonary disorders. Emphasis is placed on the etiology and pathology of selected cardiopulmonary medical conditions, as well as the therapeutic management of patients with these conditions. Students will create a physical therapy plan of care for selected cardiovascular and pulmonary dysfunctions using diagnostic, pharmacologic, and clinical laboratory data. Concepts of health promotion and fitness are explored.

6311 Musculoskeletal I - Spine Rehabilitation (2-3)

This course focuses on the examination, evaluation, and management of patients/clients with surgical and non-surgical orthopedic conditions of the cervical, thoracic, and lumbar spines; temporomandibular joint; pelvis, sacroiliac and pubis joints including the prescription of orthotics and prosthetics.

6312 Musculoskeletal II: Lower Quarter Rehabilitation (2-3)

This course focuses on the examination, evaluation, and management of patients/clients with surgical and non-surgical orthopedic conditions of the hip, knee, or foot/ankle, including the prescription of orthotics and prosthetics.

6313 Musculoskeletal III: Upper Quarter Rehabilitation (2-3)

This course focuses on the examination, evaluation, and management of patients/clients with surgical and non-surgical orthopedic conditions of the shoulder, elbow, or wrist/hand including the prescription of orthotics and prosthetics.

6314 Neuromuscular Rehabilitation I (2-3)

Building on anatomical knowledge presented in Neuroscience for Health Sciences, this course offers a systematic review of clinical disorders of the central and peripheral nervous systems, with emphasis on accompanying sensorimotor sequelae. Basic neurological tests and measures are introduced along with basic treatment interventions.

6315 Pediatrics (2-3)

The etiology and pathology of neurological and orthopedic dysfunction in the pediatric patient/client from birth through age 18 are presented. Emphasis lies in clinical application of examination and intervention for the pediatric patient in early childhood.

6406 Exercise Physiology/ Prescription (2-6)

This course focuses on the acute and adaptive physiological responses to endurance and resistance exercise. Understanding the responses of the cardiovascular, pulmonary, neuromuscular, musculoskeletal, endocrine, thermoregulatory and renal systems will prepare the clinician to prescribe exercise interventions for healthy and clinical populations.

6414 Neuromuscular Rehabilitation II (2-6)

Building on knowledge acquired in Neuromuscular Rehabilitation I, this course develops clinical approaches to the long-term management of pathology and trauma in neurologic patients. Using differential diagnosis, students develop the ability identify neurologic disorders in real and simulated patients, with the goal of implementing an effective plan of care. Emphasis on clinical application.

6606 Clinical IV Internship (0-0-32)

This is the final internship for the physical therapy student. Curricular objectives are culminated in a 12 week rotation in a setting that will advance the student's skills in a specific area of practice. Professionalism, autonomous practice, and evidence-based practice are emphasized in all practice settings. Students must integrate patient and practice management skills within the individual's practice setting. (12 weeks, full-time).

MPT Professional Course of Study**5101 Special Topics in PT (1-0) or (0-3)****5201 Special Topics in PT (2-0) or (0-6) or (1-2)****5301 Special Topics in PT (3-0) or (0-9) or (2-3)****5401 Special Topics in PT (4-0) or (0-12) or (3-3)**

An elective course that further investigates special topics in physical therapy evaluation and treatment techniques. Prerequisite: Departmental approval required. Restricted to MPT students.

5115 Clinical Education Seminar I (1-0)

Students will be given the opportunity to discuss various aspects of the upcoming, affiliation (internships) such as patient treatment, legal/ethical, management, administration, and professional issues. Case studies from clinical experiences related to past semesters' course work will be presented. Use of the clinical education grading tool will be presented. Grading will be pass/fail. Restricted to MPT majors.

5123 Clinical Education Seminar II (1-0)

Students will be given the opportunity to discuss various aspects of the previous affiliation such as patient treatment, legal/ethical, administration, and professional issues. Grading will be pass/fail. Restricted to MPT majors.

5150 Independent Study (1-0)

An elective course that may include physical therapy evaluation and treatment techniques for special populations (e.g., geriatrics, pediatrics) or in specialized settings (e.g., aqua therapy, hypnotherapy), advanced anatomical dissection, gerontology, or computer operations.

5216 Research Methods for Physical Therapists (2-0)

Students will be given the opportunity: (1) to understand principles of research design as related to case studies, survey, basic clinical and applied studies; (2) to study selected techniques of statistical analysis including parametric, non-parametric, and single case; (3) to conduct a literature search; and (4) to learn how to critique and apply research findings.

5225 Specific Populations (2-0)

Focuses on physical therapy issues and medical management of the older adults, women and adolescents. Emphasis on common medical problems prevalent in these populations, and the impact on patient/client management and outcomes.

5226 Designing and Conducting Research in Physical Therapy (2-0)

Students will be given the opportunity: (1) to create a research proposal and (2) to present the research proposal, both written and oral, to faculty advisors.

5233 Behavioral Science Topics (2-0)

Students will be given the opportunity to: (1) recognize and respond to personal, cultural, and societal differences in how people seek and accept health care; (2) understand the multiple factors that impact personal health, wellness, and health care delivery; (3) study communication issues within a patient population; and (4) understand the advocate's role in physical therapy. Restricted to MPT majors.

5256 Research Project II (0-0-2)

Students will be given the opportunity to prepare and deliver an oral/poster presentation and final written paper on the topic of their research. Restricted to MPT majors.

5310 Legal, Ethical, and Professional Aspects of Practice (3-0)

Students will acquire knowledge of the ethical principles, legal factors and professional behaviors which impact patient management and the physical therapy profession.

5311 Thermal Agents and Electrotherapeutics (2-3)

Students will be given the opportunity: (1) to study the therapeutic effects of heat, cold, light, water, and electricity and the physiological effects on the nervous, vascular, and musculoskeletal systems; (2) to recognize the indications and contraindications for these modalities; and (3) to demonstrate the safe and effective application of these modalities. Laboratory fee required.

5312 Pathophysiology and Movement Science (3-0)

Focuses on the effects of disease and injury on human movement. Function at the cellular, tissue, and system levels will be discussed in both the normal and pathological states. Prerequisite: Department approval if student is not a PT major.

5317 Neuroscience for Physical Therapists (3-0)

Normal and abnormal structures and functions of the nervous system across the life span with correlation of lesions to neurodysfunction and patient presentation. Laboratory fee required.

5319 Orthopedics I: Basic Orthopedic Physical Therapy (2-3)

Focuses on basic examination, evaluation, and management of patients/clients with common orthopedic conditions of the extremities and spine. Laboratory fee required.

5320 Orthopedics III: Upper Quarter (2-3)

Focuses on the examination, evaluation and interventions for patients with common orthopedic conditions of the upper extremity and cervical and thoracic spine. Laboratory fee required.

5324 Clinical Education in Physical Therapy IV (0-0-16)

Students will be given the opportunity: (1) to apply advanced physical therapy knowledge and skills to patients in clinical settings or teaching and administrative skills in alternative settings, (2) to demonstrate entry level clinical behavior, and (3) to integrate knowledge from previous academic and clinical coursework to the physical therapy care of patients. Grading will be pass/fail. Restricted to MPT majors.

5340 Management and Health Systems in Physical Therapy (3-0)

Students will be given the opportunity to: (1) understand basic management theories, principles, and practices related to health care delivery; (2) discuss alternative means and sources of health care delivery as they relate to physical therapy; (3) understand reimbursement sources and procedures; (4) recognize the administrative factors that impact health care delivery; and (5) determine the resources available within the community for health care practitioners and clients; and (6) apply concepts and strategies of marketing to the management of a physical therapy practice.

5346 Research Project I (0-0-3)

Students will be given the opportunity to conduct a supervised investigation and to analyze results in preparation for their final presentation. Repeat as necessary until data collection is completed. Restricted to MPT majors.

5406 Human Anatomy for Physical Therapists (2-6)

Students will be given the opportunity to study, in detail, the anatomy of the extremities, the trunk, muscles of the face, scalp and neck, the heart, lungs, and the surface of the brain. Laboratory fee required.

5407 Medical Kinesiology and Movement Science (3-3)

Focuses on the application of biomechanical principles as they apply to the control of human movement. Structure and functions of joints, postural control and basics of gait assessment are emphasized. Laboratory fee required. *Prerequisite:* Department approval if student is not a PT major.

5408 Introduction to Patient Care and Therapeutic Procedures (2-6)

Students will be given the opportunity to acquire knowledge and skill in basic patient care procedures including the following areas: (1) body mechanics; (2) tests and measures: vital signs, surface palpation, goniometry and sensory testing; (3) interventions-bed mobility, positioning and draping, transfers, gait, assistive devices, wheelchair training, therapeutic exercise and massage; and (4) lines, tubes and aseptic techniques. Laboratory fee required.

5409 Advanced Therapeutic Exercise and Muscle Testing (2-6)

Students will be given the opportunity to: (1) evaluate and document normal and abnormal physiological responses to various types of therapeutic exercise; (2) perform and record both manual and instrumental tests of muscle strength, length and endurance; (3) formulate functional goals and develop appropriate exercise programs for patients with selected pathological conditions; and (4) recommend appropriate exercise parameters for healthy individuals to promote physical fitness and wellness. Laboratory fee required.

5411 Neurorehabilitation I: Basic Adult Patient Management (2-6)

Physical therapy and patient/client management of persons with common adult neurologic disorders. Laboratory fee required.

5412 Neurorehabilitation II: Complex Adult Patient Management (2-6)

Physical therapy and patient/client management of persons with less common adult neurologic disorders with an emphasis on the more complex patient. Laboratory fee required.

5413 Clinical Education in Physical Therapy I (0-0-21)

A synthesizing course for students to apply knowledge acquired from the first year of the curriculum including, but not limited to, human anatomy, basic pathology and human physiology to the physical therapy care of patients/clients. Grading will be pass/fail. Restricted to MPT majors.

5414 Neurorehabilitation III: Pediatric Management (3-3)

The etiology and pathology of neurological and orthopedic dysfunction in the pediatric patient/client from birth through 18 years. Laboratory fee required.

5418 Cardiorespiratory Disorders and Other Medical Conditions (3-3)

Students will be given the opportunity (1) to develop knowledge of the etiology and pathology of selected medical conditions including cardiovascular disorders, diabetes, cancer, burns and other wounds, and renal and pulmonary disorders; and (2) to demonstrate knowledge and skill in the therapeutic management of patients with these conditions. Laboratory fee required.

5421 Orthopedics II: Lower Quarter (2-6)

Focuses on the examination, evaluation and interventions for patients with common orthopedic conditions of the spine, pelvis, and lower extremity. Laboratory fee required.

5425 Clinical Education in Physical Therapy II (0-0-21)

A synthesizing course to apply advanced physical therapy knowledge and skills to patients/clients in orthopedic settings and demonstrate competency in solving complex patient problems. Grading will be pass/fail. Restricted to MPT majors.

5443 Clinical Education in Physical Therapy III (0-0-21)

A synthesizing course to apply advanced physical therapy knowledge and skills to patients/clients in a primary neuro-rehab setting and demonstrate competency in solving complex patient problems. Grading will be pass/fail. Restricted to MPT majors.

Speech-Language Pathology

1101 N. Campbell, Room 107
(915) 747-7250
spchlang@utep.edu

DIRECTOR: Anthony P. Salvatore

PROFESSORS EMERITI: Grace Middleton, Joseph A. Perozzi

PROFESSOR: Salvatore

ASSISTANT PROFESSORS: Biswas, Davis, Fjordbak, Nelson

CLINIC COORDINATOR: Valles

The Master of Science degree in Speech-Language Pathology is accredited by the Council on Academic Accreditation of the American Speech, Language, and Hearing Association. Students who successfully complete the master's fulfill academic course work and clinical practicum requirements for the Certificate of Clinical Competence and the Texas License in Speech-Language Pathology.

Admission Requirements

1. Bachelor's degree from an accredited U.S. institution or equivalent degree at an international institution, or through the Five-Year degree plan.
2. Minimum of 21 semester hours of upper-division undergraduate courses related to communication disorders
3. Demonstration of academic achievement and potential as indicated by the results of the Graduate Record Examination (GRE) and upper level undergraduate and graduate coursework (a minimum GPA of 3.0 in upper-division preparatory SPLP undergraduate courses)
4. Other evidence of background and experience that may be available.
5. A 213/550 or higher on the Test of English as a Foreign Language (TOEFL) for international applicants

Admission is competitive. The number admitted each semester is dependent on available program resources.

NOTE: In order to engage in clinical practicums, which are a crucial element in the curriculum, students in Speech Language Pathology must pass a background check. Therefore, applicants accepted to Speech Language Pathology will be required to undergo and pass a background check prior to matriculation. Applicants will be responsible for the costs in obtaining a background check report.

MS Degree Requirements

Majors in Speech-Language Pathology must complete the following:

1. A minimum of 33 required academic courses, in addition to registering for five semesters of clinical practicum (15 credit hours) all of which may be completed in five years.
 2. A minimum of 400 clock hours of supervised clinical practicum is required. In addition, a minimum of 25 clock hours of supervised clinical observation must be completed during the graduate studies.
- Comprehensive written project and oral examinations are required for students who choose not to write a thesis. Students who write a thesis are required to defend the thesis in an oral examination. Students who choose to write a thesis must enroll in SPLP 5398 and 5399.

Grade Criteria

1. A "D" or "F" grade in any graduate course will result in immediate dismissal from the graduate program and no reconsideration of the student for readmission will be taken.
2. No more than 2 "C" grades will be permitted. A third "C" grade will lead to immediate dismissal from the graduate program and no reconsideration of the student for readmission will be taken. If a "C" grade is earned, it must be matched with an "A" grade in a course within the program's required SPLP courses and this must be accomplished the semester (Fall/Spring/Summer) immediately following the semester the "C" was earned.

Required Courses (33 semester hours)

SPLP	5320	Research Design in Communication Disorders
SPLP	5359	Fluency Disorders
SPLP	5360	Aphasia and Related Disorders
SPLP	5362	Language Disorders in School-Aged Children
SPLP	5363	Phonatory Disorders of Voice
SPLP	5364	Motor Speech Disorders
SPLP	5365	Advanced Audiology
SPLP	5375	Articulation and Phonological Disorders
SPLP	5376	Multicultural Issues
SPLP	5377	Treatment Efficacy
SPLP	5380	Augmentive and Alternative Communication

Practicum (15 semester hours)

SPLP	5369	Graduate Practicum in Speech-Language Pathology, University Clinic (x3)
SPLP	5379	Graduate Practicum in Speech-Language Pathology, School Setting
SPLP	5389	Graduate Practicum in Speech-Language Pathology, Hospital/Agency

Electives

SPLP	5310	Gerontology and Communication Disorders
SPLP	5330	Differential Diagnosis of Communication Disorders
SPLP	5367	Conservation of Hearing
SPLP	5370	Dysphagia
SPLP	5372	Problems and Projects in Speech-Language Pathology
SPLP	5373	Advanced Clinical Practicum in Audiology
SPLP	5374	Problems and Projects in Audiology
SPLP	5398	Thesis
SPLP	5399	Thesis

The graduate advisor must approve out-of-department graduate electives.

Recommended Sequence

First Year

Fall: SPLP 5320, 5362, 5369, 5376	12 semester hours
Spring: SPLP 5360, 5369, 5375, 5380	12 semester hours
Summer: SPLP 5369, 5377	6 semester hours

Second Year

Fall: SPLP 5364, 5365, 5379, or 5389	9 semester hours
Spring: SPLP 5359, 5363, 5379, or 5389	9 semester hours
Summer: SPLP 5379 or 5389 (if necessary)	3 semester hours
48 or 51 Total	

Course Information

For descriptions of course offerings, please click [here](#) and select **Speech-Language Pathology (SPLP)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Cooperative Pharmacy Program

UTEP-UT Austin Cooperative Pharmacy Program

1100 N. Stanton, Suite 301
(915) 747-8519

PROGRAM DIRECTOR: José O. Rivera
REGIONAL DIRECTOR, EL PASO INTERNSHIP PROGRAM: William A. Klein III
PROFESSOR: José O. Rivera
CLINICAL ASSOCIATE PROFESSOR: Rivera
CLINICAL ASSISTANT PROFESSORS: Anaya, Loya, Salcido, Sias
COORDINATORS: Ho, Reilly, Rudder

The University of Texas at Austin College of Pharmacy, in cooperation with The University of Texas at El Paso, offers a six-year curriculum leading to the Doctor of Pharmacy (Pharm.D.) degree. This program offers a course of study in the pharmaceutical and clinical sciences designed to provide the community with pharmacists who are scientifically trained and clinically competent to deliver a full spectrum of pharmaceutical services in all areas of practice.

The Pharm.D. degree is designed to prepare men and women whose abilities and career aspirations suggest significant potential for innovative leadership in pharmacy practice. In addition, this degree will prepare students to practice pharmacy in contemporary settings, such as community or hospital pharmacy, long-term care facilities, or in the pharmaceutical industry. This objective is met through a balanced program of study in pharmaceuticals, pharmaceutical and natural products chemistry, pharmacology, therapeutics, pharmacy administration, natural and social sciences, and the humanities, as well as a structured clinical and professional practice experiential program. In addition, the curriculum is aimed at inculcating an understanding of the basic sciences sufficient to prepare the student for graduate study in the pharmaceutical sciences.

The Cooperative Pharmacy Program is designed to facilitate access to the UT College of Pharmacy in Austin by providing opportunities to fulfill pre-pharmacy requirements in El Paso.

The Cooperative Pharmacy Program Students program provides highly qualified high school seniors conditional admission to The University of Texas College of Pharmacy and supplements the usual application process for admission to the UT College of Pharmacy. A select number of students will be chosen to enroll in the program each year. In addition to exceptional academic potential, these students should also have been exposed to or have good knowledge of the pharmacy profession. Students selected for this program attend UTEP for approximately two years to complete their pre-pharmacy curriculum (e.g., organic chemistry, calculus, and physics) and, after obtaining required criteria, will move to Austin to attend the College of Pharmacy for approximately two years. The final two years of the six-year curriculum will be completed in El Paso, and successful candidates will receive their degrees from The University of Texas at Austin College of Pharmacy, in cooperation with the Cooperative Pharmacy Program at UTEP.

Applications by Early College High School students will be considered in the same manner as other high school students with the exception that their pre-pharmacy curriculum may include additional upper-division science courses tailored to individual student needs.

Further information about the program can be obtained by calling (915) 747-8519. The program office is located at 1100 N. Stanton, Suite 301, El Paso, TX 79902. Web Site: <http://chs.utep.edu/pharmacy/home.html>.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Social Work

1101 N. Campbell
(915) 747-5000

DIRECTOR: Mark Lusk

The following curriculum is required for completion of the Master of Social Work degree:

Foundation Coursework

SOWK 5300 The Social Work Profession (3)
 SOWK 5311 Human Behavior in the Social Environment 1(3)
 SOWK 5330 Social Work Practice I (3)
 SOWK 5357 Social Policy 1(3)
 SOWK 5313 Research Project (3)
 SOWK 5312 Human Behavior in the Social Environment 11(3)
 SOWK 5340 Social Work Practice II (3)
 SOWK 5360 Social Policy II (3)
 SOWK 5335 Foundation Practicum I (3)
 SOWK 5336 Foundation Practicum II (3)
Total Credits = 30

Advanced Coursework

SOWK 5380 Social Work in the Border Region (3)
 SOWK 5315 Assessment and Intervention (3)
 Culturally Grounded Social Work Practice (3)
 SOWK 5381 Multi-cultural Macro Practice I (3)
 SOWK 5382 Multi-cultural Macro Practice 2 (3)
 SOWK 5313 Research Project (3)
 SOWK 5345 Advanced Practicum I (3)
 SOWK 5346 Advanced Practicum II (3)
 Electives (6)
Total Credits = 30

Course Information

For descriptions of course offerings, please click [here](#) and select **Social Work (SOWK)**.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Cooperative Master of Public Health

1101 N. Stanton, Suite 110
(915) 747-8500
sph@utep.edu

The Master of Public Health Program (MPH) offered by The University of Texas Health Science Center at Houston School of Public Health (UTSPH) is housed at the Stanton Building close to the UTEP campus. This program was started in 1992 in response to the high demand for public health professionals along the U.S.-Mexico border. Courses are provided by the University of Texas-Houston School of Public Health faculty in residency at the Stanton Building, via interactive television courses taught by the Houston, San Antonio, Dallas, and UT Austin campuses as well as web based courses. In addition, some upper-division and graduate courses offered by UTEP academic departments may be taken concurrently and be considered in fulfillment of degree requirements. Students may also be enrolled in the MPH program and as post-baccalaureate students at UTEP concurrently.

Admission, registration, grading, and other policies are the same as at the Houston campus. Students are expected to gain a competency in the five basic disciplines of Public Health (Management, Policy and Community Health, Health Promotion and Behavioral Sciences, Biostatistics, Environmental and Occupational Health, and Epidemiology and Disease Control). Degree requirements include the completion of a minimum of 45 semester credit hours through which each student must demonstrate competency in the five basic sciences of public health, complete a practicum, and a thesis. No more than 6 of the 45 credit hours may be in thesis research and practicum. Additional courses may be required depending on the student's previous background, area of interest, and academic preparation. The thesis provides an opportunity for the student to synthesize the knowledge and skills gained through coursework by focusing on a specific public health problem. The UTSPH MPH Program is fully accredited by the Council on Education for Public Health. Internships and opportunities for students to gain some hands-on experience in public health issues affecting the border area are available. Additionally, UTSPH MPH students may be eligible for Teaching or Research Assistantships at the School of Public Health and UTEP. Most of the research that is being done at the El Paso campus focuses on assessing local health issues, evaluating the effectiveness of local health programs, or developing new approaches to solve local problems. Faculty is directly involved in assisting local public health agencies and brings these experiences into the classroom. Many of the projects are multidisciplinary in nature and include collaborators from international, national, and local agencies and universities such as the Centers for Disease Control and Prevention (CDC), Pan American Health Organization (PAHO), Texas A & M Agricultural Extension Center, the Universidad Autonoma de Ciudad Juarez, Paso Del Norte Health Foundation, El Paso Diabetes Association, Centro San Vicente, El Paso Community College, Canutillo Independent School District and the Texas Tech University Medical School.

List of Courses

Introduction to Epidemiology (3 semester credit hours)
Introduction to Epidemiology Lab (1 semester credit hour)
Field Epidemiology (4 semester credit hours)
Special Topic: Chronic Disease and Injury Epidemiology (3 semester credit hours)
Advanced Epidemiological Methods I (4 semester credit hours)
Epidemiology Proposal Development (3 semester credit hours)
Introduction to Biostatistics (4 semester credit hours)
Statistical Applications of Public Health Research (4 semester credit hours)
Statistical Methods in Epidemiology (4 semester credit hours)
Overview of Environmental Health (4 semester credit hours)
Toxicology I: Principals of Toxicology (4 semester credit hours)
Fundamentals of Industrial Hygiene (4 semester credit hours)
Topics in Infectious Diseases (3 semester credit hours)
Science and Law (3 semester credit hours)
Special Topic: Environmental Health Risk Assessment (3 semester credit hours)
Special Topic: Site Visits in Environmental Health (3 semester credit hours)
Introduction to Management and Policy Sciences (3 semester credit hours)
Administration and Public Health (4 semester credit hours)
Health and Development (3 semester credit hours)
Principles and Practices of Public Health (3 semester credit hours)
Health and Safety Program Management (4 semester credit hours)
Community Based Health Assessment (4 semester credit hours)
Special Topic: Critical Cinema (1 semester credit hour)
Social and Behavioral Aspects of Community Health (3 semester credit hours)
Health Promotion, Theory and Methods I (3 semester credit hours)
Health Promotion, Theory and Methods II (3 semester credit hours)
Addictive Behavior (3 semester credit hours)
Special Topics: Chicano Health: Exploring It's Social Dimensions (3 semester credit hours)
Current Topics Seminar in Obesity, Nutrition and Physical Activity (1 semester credit hour)
Public Health and Nutrition (3 semester credit hours)
Precede Health Promotion and Planning (3 semester credit hours)
Thesis Workshop (1 semester credit hour)

Faculty Members

Hector G. Balcazar, Ph.D., Behavioral Scientist
Theresa Byrd, Ph.D., Behavioral Scientist
Victor Cardenas, M.D., Ph.D., Epidemiologist
Shawn Gibbs, Ph.D., Environmental Scientist
Nuria Homedes, M.D., Dr. P.H., Health Policy and Management
Kristina Mena, Ph.D., MSPH, Environmental Scientist
Melchor Ortiz, Ph.D., Biostatistician
Patrick Tarwater, Ph.D., Biostatistician

For more information concerning the Master's of Public Health degree, students should call (915) 747-8500, visit the web page <http://sph.uth.tmc.edu/elpaso/> or write The University of Texas Health Science Center, 1100 N. Stanton, Suite 110, El Paso, TX, 79902.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

College of Liberal Arts

- [College of Liberal Arts](#)
- [Art](#)
- [Communication](#)
- [Creative Writing](#)
- [English](#)
- [History](#)
- [Languages and Linguistics](#)
- [Liberal Arts Interdisciplinary Studies](#)
- [Music](#)
- [Philosophy](#)
- [Political Science](#)
- [Psychology](#)
- [Sociology and Anthropology](#)
- [Theatre and Dance](#)
- [Women 's Studies](#)

Dr. Howard C. Daudistel, Dean
 Dr. Harmon M. Hosch, Associate Dean
 Dr. Michael M. Topp, Associate Dean
 Vincent Burke, Associate Dean

Liberal Arts Bldg., Room 343
 (915) 747-5666 (ph)
 (915) 747-5905 (fax)
lbarts@utep.edu

Degree Programs

PhD	History Psychology Rhetoric and Composition	
MA	Art Education Studio Art Communication English History Linguistics	Political Science Psychology Sociology Spanish Theatre Arts
MAIS	Interdisciplinary Studies, Liberal Arts*	
MAT	Teaching/English	
MFA	Creative Writing*	
MM	Music Education Performance	

* Interdisciplinary Program







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

College of Liberal Arts

In 1942, the History Department, a component of today's College of Liberal Arts, awarded UTEP's first master's degree. Since then, most of the departments in the College have developed graduate programs. MA programs are available in Art with options in Art Education and Studio Art, Communication, English, History, Linguistics, Political Science, Psychology, Sociology, Spanish, Teaching, and Theatre Arts. The Department of Music offers the Master of Music (MM) degree with options in Performance and Music Education. The Master of Fine Arts (MFA) is the degree offered by the Department of Creative Writing. In September 1993, the first students began course work in the Ph.D. program in Psychology-- the first doctoral degree program in Liberal Arts. In September 1999, the first students entered the Ph.D. in History, and in August 2004 a Ph.D. in English with an emphasis in Rhetoric and Composition began. Students wishing to expand their knowledge in areas outside their previous training or present profession may pursue the Master of Arts in Interdisciplinary Studies. Students in this program take MAIS courses that emphasize cross-disciplinary approaches, and are encouraged to pursue an individualized course of study designed to further their particular interdisciplinary interests. Also offered is a joint UTEP-UT Austin doctorate with a concentration in Border Studies. Students in this program can complete much of their course work in residence at UTEP with the doctoral degree awarded by UT Austin. For more information on this program, students should consult the Graduate School section, under Cooperative Programs.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Art

350 Fox Fine Arts
(915) 747-5181
Fax: (915) 747-6749
artdept@utep.edu

INTERIM CHAIRPERSON: Jim Quinnan
PROFESSOR EMERITUS: Clark H. Garnsey
GRADUATE FACULTY: K. Bauer, T. Bauer, Burke, Castro, Giangiullo, Grossman, McIntyre, Parish, Quinnan, Schultz, Thiewes, Wong

Graduate Degrees Offered

The Department of Art offers opportunities for advanced study at the graduate level with MA degrees in the fields of Art Education and Studio Arts. In both cases interested students must apply to both the Graduate School and the Art Department. Refer to on-line resources for the UTEP Graduate School and the UTEP Art Department for additional information. It is strongly recommended that those considering an application make an appointment to see the Art Department Graduate Advisor several months prior to their application.

Master of Arts in Art Education (MA)

The MA in Art Education offers two avenues: a major in Art Education with a minor in Education (a research-based thesis program) or a major in Art Education with a minor in Studio Art (a practice-based studio program with a final exhibition). The MA in Art Education with an education minor is designed for those students who wish to pursue professional research in art education with a goal toward future continued art education/teacher education related studies beyond the master's degree. The MA in Art Education with a studio minor is designed for students who wish to continue their professional development in art education and at the same time develop stronger artistic practice and growth that will supplement and refine their art education and teaching abilities.

Requirements for Admission to the Department

To qualify for the Art Education program, the applicant must have completed:

1. A bachelor's degree or the equivalent from an accredited U.S. institution or proof of equivalent education in a foreign institution
2. TOEFL scores of 213/550 or higher for international applicants.
3. 51 semester hours within the combined areas of Studio Art, Art History, and Art Education

MA Art Education Application Procedures

Applicants apply to both the UTEP Graduate School and the UTEP Art Department.

Application to the Art Department consists of the following:

1. A completed Department of Art MA application form available from the Art Department office.
2. A letter of application stating how this degree program fits into the applicant's long-term goals.
3. Image portfolio (Required for Practice Option applicants only):
A portfolio of 10 images of the applicant's recent artwork submitted on a Mac OS-formatted standard size CD-ROM. Submit your files as JPEG's at 300 dpi, with the longest dimension of the image sized 8 inches. Please label each image file 1 through 10 as necessary. Make sure that all CD's and files are Mac compatible and are labeled with your name and contact information.
Video or performance art examples may be submitted on QuickTime or DVD-formatted disks with a total running time not longer than 15 minutes. Please make sure that all CD's or DVD's are Mac compatible and are labeled with your name and contact information.
Submit a printed list of your images that corresponds to your digital JPEG or video list. Include in this order, the number, name, media, date, title and size on this printed list.
4. A copy of your transcripts.
5. Two sealed confidential letters of recommendation from educators / professionals within the field.
6. A written philosophical and theoretical statement regarding the applicant's views of art and art education.

These materials should all be delivered, in one complete packet, to the Department of Art Graduate Advisor. Completed application deadlines are: October 15th for the following Spring Semester and April 15th for the following Fall Semester. These materials will not be returned.

When considering an application for the MA program in Art Education it is strongly suggested that the applicant first contact an Art Education faculty member by email and schedule an appointment to meet with them and discuss the program. A personal interview will be considered part of the admission process.

Course Requirements for the MA in Art Education

Thesis Option:

The MA in Art Education requires 36 graduate-level credit hours that include:

- 12 hours in Art Education
- 12 hours of upper-level, approved Education courses
- 3 hours in Art History
- 3 hours in Graduate Seminar, ART 5395
- 6 hours of Thesis, ARTE 5398 and ARTE 5399 (may not be taken concurrently)

A thesis, meeting the approval of the Thesis Committee and the Dean of the Graduate School, must be completed before the degree will be awarded. A Thesis Committee consists of a Thesis Advisor along with at least one other Departmental representative and one member from outside the Department.

Practice Based Option:

The MA in Art Education requires 33 graduate-level credit hours that include:

- 12 hours in Art Education
- 12 hours in Studio areas such as Ceramics, Drawing, Graphic Design, Metals, Painting, Printmaking, or Sculpture
- 3 hours in Art History
- 3 hours in Graduate Seminar, ART 5395
- 3 hours of Graduate Exhibition with Exhibition Report, ART 5393

In-Progress Evaluation

All MA Art Education candidates will participate in a progress review upon the completion of 12 credit hours. This 12 credit hour review will be undertaken by a Committee of three UTEP Graduate Faculty members one of whom will be the Art Education Committee Chairperson. The Chairperson will select the two additional UTEP Graduate Faculty members to serve on the committee. A week prior to the review the candidate should submit to each committee member a typed statement (and any related background information) of his or her work within the graduate program. The review will consist of a candidate's

summary presentation of his/her research or studio based activities to the committee. The presentation will be followed by review committee questions and dialogue with the candidate. The committee will come to a timely decision concerning the status of the student's progress. The status evaluation will result in a satisfactory or unsatisfactory progress report. In cases where a student's progress is seen as unsatisfactory, the Committee will request that the student be reviewed after the completion of 18 credit hours. The program expectation at 18 hours would be satisfactory student progress or removal from the MA Art Education program.

Master of Arts in Studio Art (MA)

The Masters of Art in Studio Art is a 33 hour 2 year program which offers the advanced studio artist the opportunity to concentrate in one of the following: Ceramics, Drawing, Graphic Design, Metals, Painting, Printmaking, or Sculpture.

Requirements for Admission to the Department

1. A bachelor's degree from an accredited U.S. institution or proof of equivalent education in a foreign institution.
2. Undergraduate or preparation of not less than 30 hours in Studio Art and not less than 12 hours in Art History.
3. Applicants must apply both to the Graduate School and to the Art Department.
4. Department.
5. Satisfactory portfolio, applicant's written statement, and letters of recommendation.
6. recommendation.
7. TOEFL scores of 213/550 or higher for international applicants.

MA Studio Art Application Procedures

Applicants must make an application to both the UTEP Graduate School and the UTEP Art Department

Application to the Art Department consists of the following:

1. A completed Department of Art MA Application form available from the Department.
2. A letter of application.
3. Image portfolio:
A portfolio of 10 images of the applicant's recent artwork submitted on a Mac OS-formatted standard size CD-ROM. Submit your files as JPEG's at 300 dpi, with the longest dimension of the image sized 8 inches. Please label each image file 1 through 10 as necessary. Make sure that all CD's and files are Mac compatible and are labeled with your name and contact information.
Video or performance art examples may be submitted on QuickTime or DVD-formatted disks with a total running time not longer than 15 minutes. Please make sure that all CD's or DVD's are Mac compatible and are labeled with your name and contact information.
Submit a printed list of your images that corresponds to your digital JPEG or video list. Include in this order, the number, name, media, date, title and size on this printed list.
4. Two sealed confidential letters of recommendation from educators / professionals within the field.
5. A written statement by the applicant about his/her art.

These materials should all be delivered, in one complete packet, to the Department of Art Graduate Advisor. Completed application deadlines are: October 15th for the following Spring Semester and April 15th for the following Fall Semester. These materials will not be returned.

When considering an application for the MA program in Studio Art it is strongly suggested that the applicant first contact a faculty member in the area to which they are applying by email and schedule an appointment to meet with them to discuss the program and its facilities.

Course Requirements for the MA in Studio Arts

The Studio Art MA degree requires a minimum of 33 semester hours that include:

- 15 credit hours in one chosen studio area such as Ceramics, Drawing, Graphic Design, Metals, Painting, Printmaking, or Sculpture
- 9 credit hours of studio courses outside the major area
- 3 credit hours of Graduate Seminar, ART 5395
- 3 credit hours of Art History
- 3 credit hours of Graduate Exhibition and Report, ART 5393

In-Progress Evaluation

All MA Studio Art candidates will participate in a progress review upon the completion of 12 credit hours. A week prior to the review the candidate should submit to each committee member a typed statement of his or her work within the graduate program. The 12 credit hour review format will consist of a Committee of all available Art Department Graduate Faculty members being presented with the student's work and a brief oral presentation by the student. The presentation will be followed by review committee questions and dialogue with the candidate. The committee will come to a timely decision concerning the status of the student's progress. The status evaluation will result in a satisfactory or unsatisfactory progress report. In cases where a student's progress is seen as unsatisfactory, the Committee will request that the student be reviewed after the completion of 18 credit hours. The program expectation at 18 hours would be satisfactory student progress or removal from the MA program.

For Undergraduate and Graduate Students

Art History (ARTH)

4309 Research Problems in Art History

4319 Special Problems in Art History

Ceramics (CERM)

4304 Ceramics VI

4314 Ceramics VII

4324 Special Problems in Ceramics

Drawing (DRAW)

4310 Advanced Drawing I

4320 Advanced Drawing II

4330 Special Problems in Life Drawing

Metals (MTLS)

4303 Metals VI

4313 Metals VII

4323 Special Problems in Metals

Painting (PNTG)

4301 Painting VI

4331 Painting VII

4341 Special Problems in Painting

Printmaking (PRNT)

4305 Printmaking VI

4325 Printmaking VII

4335 Special Problems in Printmaking

Sculpture (SCUL)

4302 Sculpture VI

4332 Sculpture VII

4342 Special Problems in Sculpture

Course Information

For descriptions of course offerings, please click [here](#) and select **General Art Courses (ART)**, **Art Education (ARTE)**, **Art History (ARTH)**, **Whole Arts (ARTS)**, **Ceramics (CERM)**, **Drawing (DRAW)**, **Metals (MTLS)**, **Painting (PNTG)**, **Printmaking (PRNT)**, or **Sculpture (SCUL)**



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Communication

202 Cotton Memorial
(915) 747-5129
communications@utep.edu

CHAIRPERSON: Patricia D. Witherspoon
PROFESSOR EMERITUS: Ray Small
GRADUATE FACULTY: Barrera, Byrd, Erbert, Pineda, Perez, Riccillo, Ruggiero, Sowards, Trejo, Witherspoon, Yang
The department offers a Master of Arts degree in Communication.

Requirements for Admission

1. Bachelor's degree in communication from an accredited institution or proof of equivalent education in a foreign institution.
2. Twelve semester hours of advanced course work in communication or related discipline as determined by the graduate advisor, along with names, e-mail addresses and phone numbers of two academic references who can comment about the student's ability to do graduate work.
3. Demonstration of academic achievement and potential as indicated by the results of the Graduate Record Examination (GRE) and upper level undergraduate and graduate coursework. Applicants are generally expected to have achieved a GPA of 3.0 or higher in upper level course work.
4. A letter of application to the graduate advisor addressing the rationale for advanced study in communication, along with letters of recommendation sent to the graduate advisor from two academic references who can comment about the student's ability to do graduate course work.
5. TOEFL score of at least 550 (paper) or 213 (Computer based) for international students whose first language is not English or who have not completed a university degree in the U.S.

Department of Academic Standards

In addition to the graduate school requirements of maintaining a 3.0 GPA in all courses counting towards a degree, the department requires students to earn a grade of "B" or better in all core research methods courses (5100, 5310, 5311). Students receiving a "C" or lower will be required to retake the course a second time. If, after repeating a core research methods course a second time and a grade of "B" is not achieved, the student will be dismissed from the program.

MA Degree Requirements

Course Work

Thesis Option: A minimum of 30 semester hours in communication are required. 24 hours of course work numbered 5100-5399 and 6 hours of these (5398, 5399) credit, and the submission of a graduate school approved electronic copy of a thesis approved by the graduate faculty.

Non-thesis Option: A minimum of 36 semester hours in communication are required. 36 hours of graduate course work numbered 5100-5390. In addition, a graduate school approved electronic copy of a project report approved by the graduate faculty is required.

Research Core Courses

The core research courses are required for both the thesis and non-thesis options: 5100, 5310 and 5311.

Oral Examination

An oral examination by the graduate faculty will be required for both the thesis and non-thesis options.

Undergraduate Courses for Graduate Credit

With approval of the graduate advisor, up to 6 hours of credit may be selected from other departments who have designated undergraduate course work for graduate credit to enrich the graduate offering.

Course Information

For descriptions of course offerings, please click [here](#) and select **Communication (COMM)**.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Creative Writing

415 Liberal Arts
(915) 747-5713
www.utep.edu/cw

CHAIR: Johnny Payne

The Department of Creative Writing is designed to provide the highest professional preparation and training to individuals who wish to pursue careers in writing or the teaching of writing. Students may choose to take creative writing and literature courses in English, Spanish, or a combination of the two languages. Each year a variety of fully bilingual courses is offered. The MFA curriculum culminates in the writing of a book length manuscript of original creative work (thesis).

Minimum Admission Requirements

1. A Bachelor's degree or its equivalent
2. Transcripts according to the requirements of the Graduate School
3. Three letters of recommendation
4. A writing sample in the genre of emphasis
8-10 poems
20 pages of prose, playwriting, essay or screenplay
5. A statement of purpose

Degree Plan Options for MFA in Creative Writing: Required Form and Theory Courses (9 hours)

CRW	5321	Narrative Theory and Poetics
CRW	5364	Forms and Techniques of Fiction
CRW	5365	Forms and Techniques of Poetry

These three courses should be taken by all students in their first year of residence.

Workshop and/or Variable Topics courses (15 hours)

CRW	5366	Advanced Fiction Writing
CRW	5367	Advanced Poetry Writing
CRW	5369	Advanced Playwriting
CRW	5372	Advanced Screenwriting
CRW	5373	Advanced Creative Non-fiction

(Only three permitted in a single genre)

All of the above may be taken up to three times for credit.

Literature Courses (12 hours)

These courses may be taken from any department offering graduate literature.

Optional: CRW 5368 Variable Topics in Creative Writing and CRW 5382 Studies in Form may be taken twice for credit when topic varies. This course may count once each either as a literature course or as a workshop course.

Electives (6 hours)

These courses may be taken from any department with an advisor's approval.

Thesis (6 hours)

CRW	5398	Thesis
CRW	5399	Thesis

In addition, ENGL 5345 English Teaching Methods MUST be taken by students whose teaching assistantship falls within the English Department. Students teaching in Languages and Linguistics must take LING 5370 Study in Language

The thesis will consist of a book length manuscript of original fiction or poetry, play, group of essays, or screenplay, accompanied by a preface. Each candidate is required during the first semester of thesis hours to submit a thesis proposal and a sample of the thesis-in-progress to the thesis committee. The thesis will be prepared under the direction of a three-member supervising committee and will be defended orally.

Course Information

For descriptions of course offerings, please click [here](#) and select **Creative Writing (CRW)**.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

English

113 Hudspeth Hall
(915) 747-5731
english@utep.edu

CHAIRPERSON: David Ruiter

GRADUATE FACULTY: Abarca, Armitage, Baca, Brunk-Chavez, Carter, Cappell, Clark, Dick, Foster, Fredericksen, Gladstein, Gunn, Jayasuriya, Johnson, Lawson, Mangelsdorf, Mansfield-Kelley, Marchino, Meyers, Minnick, Perrillo, Polette, Posey, Rohrietner, Ruiter, Salinas, Scenters-Zapico, Schmid, Smith, Stafford, Yothers

MA, MAT, and PhD Degrees

The English Department offers a Master of Arts in English degree with two concentrations available: 1) English and American Literature and 2) Rhetoric and Writing Studies; and a Master of Arts in Teaching in English. The department also offers a Doctor of Philosophy degree in Rhetoric and Composition.

MA Degree - English and American Literature Concentration

The primary objective of the Literature concentration is to develop skill in reading and interpreting literature. The course work is designed to provide both a comprehensive knowledge of literature in its historical and intellectual contexts and the opportunity to explore competing theories of critical interpretation. The Literature concentration offers the opportunity for students to prepare for teaching in secondary schools and at junior colleges. It also offers the opportunity for students to prepare for admission to PhD programs in British and American Literature.

Requirements for Admission

1. A Bachelor's degree from an accredited U.S. institution or proof of equivalent education in a foreign institution
2. Submission of official Graduate Record Examination (GRE) scores
3. 18 hours of advanced level English courses
4. A writing sample
5. A Statement of Purpose
6. Three letters of recommendation
7. Optional: a resume or other supporting materials to give a full picture of the applicant's potential.

Requirements for Degree

1.
 1. 36 semester hours including 33 semester hours of course work and ENGL 5391; **or**
 2. 36 semester hours, to include 33 semester hours of course work, ENGL 5392, and an oral examination; **or**
 3. 36 semester hours to include 30 hours of course work, ENGL 5398-5399 and an oral examination.
 - a. **Core Curriculum** (15 hours): Take one course from each of areas 1-5: (1) Research Methods, ENGL 5300; (2) Theory, ENGL 5320 or a course designated in the schedule as "meets theory requirement"; (3) Studies in English Literature, ENGL 5301, ENGL 5302, ENGL 5303, or ENGL 5304; (4) Studies in American Literature, ENGL 5305, ENGL 5306, ENGL 5307, or ENGL 5308; and (5) Studies in Multi-Cultural Literature, ENGL 5321, ENGL 5322, ENGL 5323, or ENGL 5324.
 - b. **Area of Specialization** (6-9 hours): Take 2 to 3 additional courses in one area, choosing from areas 3-5: (3) Studies in English Literature, (4) Studies in American Literature, and (5) Studies in Multi-Cultural Literature.
 - c. **Electives** (6-9 hours): Take 2 to 3 courses from the five areas [(1) Research Methods, (2) Theory, (3) Studies in English Literature, (4) Studies in American Literature, and (5) Studies in Multi-Cultural Literature], or other graduate courses from within or outside the department, with approval.
 - d. **Writing/Research Options** Students must choose 1 of the 3 alternatives listed below (A, B, or C):
 - **Alternative A** – 36 hours (33 hours course work, 3 hours written examination/oral examination): ENGL 5391 Written and Oral Examinations
 - **Alternative B** – 36 hours (33 hours course work, 3 hours extended seminar paper, and paper defense): ENGL 5392 Masters of Arts Research Paper
 - **Alternative C** - 36 hours (30 hours course work, 6 hours thesis, and thesis defense): ENGL 5398 Thesis I and ENGL 5399 Thesis II.

***Special Topics courses:** may be used as elective credit; when applicable, may be counted towards an area, with advisor's approval: ENGL 5325 Genre: Theory and Practice; ENGL 5350 Seminar: Special Topics; ENGL 5390 Directed Studies

***Other Elective Credits:** other graduate courses, from within or outside the English Department, may count for electives, with advisor's approval.

***ENGL 5391:** Written examination over designated materials will be 3 hours in length, and the oral examination will be 1 hour in length.

MA Degree - Rhetoric and Writing Studies Concentration

The Rhetoric and Writing Studies (ENWR) concentration includes courses in rhetoric and writing studies, as well as an introduction to graduate studies in the field. There is sufficient flexibility through electives to allow students to fashion degree plans suitable to their individual interests. The ENWR concentration offers students the opportunity to prepare for careers as professional/technical writers and community college teachers, as well as for academic study at the doctoral level.

Requirements for Admission

1. A Bachelor's degree from an accredited U.S. institution or proof of equivalent education at a foreign institution
2. Submission of official Graduate Record Examination (GRE) scores
3. Evidence of adequate preparation for graduate course work in Rhetoric and Writing Studies
4. A writing sample
5. A Statement of Purpose
6. Three letters of recommendation
7. Optional: a resume or other supporting materials to give a full picture of the applicant's potential

Requirements for the Degree

Thirty-six (36) semester hours consisting

1. 33 semester hours of course work, plus a 3-hour practicum (ENGL 5397), and an oral examination; **or**
2. 30 hours of course work, plus a 6-hour practicum (ENGL 5395 and ENGL 5396), and an oral examination; **or**
3. 30 hours of course work, plus a 6-hour thesis (ENGL 5398 and ENGL 5399), and an oral examination.

- a. **Core Curriculum** (24 hours)
 - Research Methods (3 hours): ENGL 5309
 - Rhetoric (6 hours): ENGL 5310 and ENGL 5311
 - Internship (3 hours): ENGL 5317 or 5318
 - Writing Studies (12 hours): from ENGL 5312*, ENGL 5313, ENGL 5314*, ENGL 5315*, and ENGL 5328*
 - * Topics vary; may be retaken for credit.
- b. **Electives** (6-9): Electives may include any graduate English courses not being counted as part of the core curriculum (with the exception of ENGL 5316, ENGL 5130, ENGL 5230, or ENGL 5330); other approved electives may include COMM 5332, COMM 5343, or COMM 5362; LING 5301, LING 5310, LING 5319, LING 5341, LING 5370, or LING 5373; POLS 5364; or graduate courses in these or other departments as approved by the Director of Rhetoric, and Writing Studies, and the Graduate Advisor.
- c. **Practicum** (3-6 hours) **or Thesis** (6 hours)
 - i. The practicum option requires the completion of a supervised experience in resolving a professional or academic communication problem through the preparation of an appropriate written document. The student submits a practicum proposal and the names of a practicum director, English Department reader, and an outside reader to the Graduate Advisor for approval, and then follows the Graduate School guidelines for preparing and submitting the practicum paper.
 - ii. The thesis option requires the completion of a substantial work of writing rhetoric and writing studies scholarship. The student submits a thesis proposal and the names of a thesis director, English Department reader, and an outside reader to the Graduate Advisor for approval, and then follows the Graduate School guidelines for preparing and submitting a thesis.
- d. **Oral Examination:** A defense of the thesis or practicum document before the student's committee is required. In all cases, a majority vote of the committee will determine acceptance or rejection.

Master of Arts in Teaching – English

The Master of Arts in Teaching degree with a major in English is designed to deepen teachers' knowledge of theory and practice in English Education in ways that are professionally relevant to them as teachers in secondary schools, community colleges, and universities. Course work includes the study of English Education in the Borderlands, specialized English teaching methods, literature for youth, new and multimodal literacies, and electives that allow students to tailor their degrees in ways that are most relevant to them.

Requirements for Admission

- A Bachelor's degree from an accredited U.S. institution or proof of equivalent education at a foreign institution
- A Bachelor's degree in English OR 12 hours of advanced-level English courses plus English 4355 or the equivalent
- A writing sample
- A Statement of Purpose
- Three letters of recommendation
- Optional: a resume or other supporting materials to give a full picture of the applicant's potential

Requirements for the Degree

- 36 semester hours, to include 33 semester hours of course work and English 5394; or
- 36 semester hours, to include 33 semester hours of course work and ENGL 5393 and an oral examination; or
- 36 semester hours, to include 30 hours of course work, ENGL 5398-5399 and an oral examination.
 - **Core Curriculum** (21 hours): Intro to English Education, ENGL 5339; Literature for Youth, ENGL 5340; English Ed in the Borderlands, ENGL 5341; New and Multimodal Literacies, ENGL 5342; Integrated Teaching Methods, ENGL 5344; English Teaching Methods, ENGL 5345; and Special Topics in English Ed, ENGL 5380.
 - **Electives** (9 hours): 3 graduate courses from within or outside the English Department.
 - **Writing/Research Options** Students must choose 1 of 3 alternatives listed below (A, B, or C):
- **Alternative A** – 36 hours (33 hours course work: 24 hours of graduate course work in the English Department [English Education core plus one additional course], 9 hours of electives from within or outside the English Department, and 3 hours written examination, ENGL 5394, >/A/T/ Written Examination).
- **Alternative B** – 36 hours (33 hours course work: 24 hours of graduate course work in the English Department [English Education core plus one additional course], 9 hours of electives from within or outside the English Department, and 3 hours practicum, and practicum defense, ENGL 5393, Practicum in English Education).
- **Alternative C** – 36 hours (30 hours course work: 21 hours of graduate course work in the English Department [English Education core], 9 hours of electives, and 6 hours thesis, and thesis defense, ENGL 5398 Thesis I and ENGL 5399 Thesis II).

Online Graduate Certificate in Technical and Professional Writing

The Graduate Certificate in Technical and Professional Writing is designed for early and mid-career professionals (or those switching careers) who already hold a baccalaureate or graduate degree and are interested in further education, as well as current UTEP graduate students of any discipline who seek to strengthen their skills. This entire program will be online, to better meet the needs of working professionals and graduate students who need flexible schedules.

Required Courses

This certificate will consist of 12 semester hours of study and include the following 4 courses:

1. ENGL 5312 Technical Writing ProSeminar
2. ENGL 5314 Computers and Writing Seminar
3. ENGL 5315 Professional Writing Seminar
4. ENGL 5313 Grant Writing **or**
ENGL 5328 Special Topics in Rhetoric and Composition (Topics vary)

As a final measure for certificate completion, students will submit an electronic portfolio of their work, which will be assessed on a pass/fail basis by the program director and selected faculty.

Admissions Requirements

Applicants to the Graduate Certificate in technical and professional Writing must:

- Already hold a baccalaureate or graduate degree with a minimum 3.0 GPA
- Complete the graduate school application and supply an official transcript
- Submit a two-page statement of purpose and a 15 page writing sample

Students may be classified as non-degree seeking students or have the certificate program incorporated into the degree requirements for admission. Students who complete the Graduate Certificate in technical and Professional Writing and decide to pursue a graduate degree at a later date may apply to the rhetoric and Writing Studies graduate program and request that the units become part of their program at admission.

PhD in Rhetoric and Composition

Overview of Program

The PhD program in Rhetoric and Composition prepares graduates for careers as writing specialists in higher education, business, industry, and government. In higher education they conduct research into theories of writing development, use, and pedagogy. In business, industry, and government they apply higher-level research, thinking, and writing skills to enhance communication. The focus of the program is on intercultural rhetoric, computer-mediated writing, and community application.

Students can enter the program with a Bachelor's degree in English, a Master's degree in Rhetoric and Composition, or a related field. They will complete a minimum of 45-51 credit hours beyond the MA, including core courses that will cover rhetorical history, writing pedagogy, writing in cultural contexts, and computer-mediated writing; concentration courses in topics such as workplace writing, the teaching of writing, or literary studies; and an internship course in a community setting. A dissertation involving extended research is required. Students have opportunities to extend their knowledge of Rhetoric and Composition by taking courses in other disciplines such as Communications, Languages and Linguistics, and Teacher Education.

Requirements for Admission

Students will be considered for admission after completion of a BA in English or an MA in English with a focus in Rhetoric and Composition; Rhetoric and Writing Studies; or Professional Writing and Rhetoric. Students with an MA, in Literature, an MAT in English, an MFA in Creative Writing, or an MA in a related field (such as Communication or Linguistics) also will be considered.

Students entering the program with a BA will enroll in the Master's program in Rhetoric and Writing Studies offered by the English Department. They will be required to complete the 6-hour thesis requirement for the MA degree. Upon finishing this degree, they will complete the additional work required in the PhD program.

To be considered for admission, all applicants to the PhD program must meet the minimum requirements for admission described in the University of Texas at

To be considered for admission, all applicants to the PhD program must meet the minimum requirements for admission described in the University of Texas at El Paso Graduate Studies Catalog. Students (including UTEP graduates) will be required to submit:

1. Official transcripts of all prior academic work,
2. Scores from the Graduate Record Examination (GRE)
3. Letters of recommendation from at least three faculty members and/or members of the professional community with whom they have worked,
4. A description of their educational objectives,
5. A description of their theoretical and pedagogical approaches to teaching writing, and
6. Two writing samples: a research paper, and another of their choice, such as a digital project.

Applicants will be evaluated according to their previous academic record, scores on the analytical and verbal sections of the Graduate Record Examination, the strength of their letters of recommendation, and the quality and appropriateness of their writing samples. Another key criterion will be the compatibility between students' interests and expectations and the objectives of the PhD program.

Requirements for the Degree

A minimum of 45-51 credit hours beyond the MA

1. 15 hours of core courses,
2. 9 hours in a concentration,
3. 3 hours of graduate seminars,
4. 3 hours of an internship course,
5. 3 hours of an elective course, and
6. 12 hours of research courses, including the dissertation.

A. Foundation (Prerequisite) Courses

ENGL	5309	Introduction to Rhetoric and Writing Studies
ENGL	5345	English Teaching Methods Topic: Teaching College Composition

B. Required Core Courses

ENGL	6310	Rhetorical History I
ENGL	6311	Rhetorical History II
ENGL	6319	Composition Studies
ENGL	6320	Advanced Critical Theory
ENGL	6321	Rhetoric and Technology

C. Concentration

Students may select a concentration in Composition, Professional Writing, or Rhetoric. They also have the option of creating their own concentration subject to the approval of the Director of Rhetoric and Writing Studies.

1. Composition

ENGL	5328	Special Topics in Rhetoric and Composition (may be repeated for credit when topic varies)
ENGL	5344	Integrated Teaching Methods
ENGL	5345	English Teaching Methods (may be repeated for credit when topic varies)

2. Professional Writing

ENGL	5311	Persuasion and Argument
ENGL	5312	Technical Writing Proseminar
ENGL	5314	Computers and Writing Seminar (may be repeated for credit)
ENGL	5315	Professional Writing Seminar (may be repeated for credit)

3. Literary Studies

ENGL	5325	Genre: Theory and Practice
ENGL	5327	Variable Topics in Contemporary Literature
ENGL	5350	Seminar: Special Topics (may be repeated for credit)
ENGL	5351-56	Literature Seminars

D. Graduate Seminar

ENGL	6130	Graduate Seminar in Rhetoric (must be taken 3 times)
------	------	---

E. Internship

ENGL	5317	Professional Writing Internship
Or		
ENGL	5318	Community Literacy Internship

F. Electives

Any graduate-level English course, a recommended course* from a related discipline outside of the English Department, or another course subject to the approval of the Director of Rhetoric and Writing Studies.

*COMM	5332	Seminar in Contemporary Rhetoric
*COMM	5343	Seminar in Communication Theory
*COMM	5350	Directed Study
*ENGL	5375	Creative Writing Workshop
*LING	5331	Teaching Second Language Composition
*RED	5344	Seminar in Reading
*RED	5348	Issues and Problems in Adult Literacy
*SPAN	5304	The Hispanic Essay

G. Research Courses

ENGL	6395	Dissertation Preparation
ENGL	6398 and	

ENGL	6399	Dissertation
------	------	--------------

H. Maximum Time to Completion

Students accepted into the PhD program in Rhetoric and Composition must complete all requirements for the degree within eight years.

I. Language Requirement

All students must demonstrate a reading knowledge of a language other than English sufficient to conduct research using primary and secondary sources. The PhD program's emphasis on intercultural writing on the U.S./Mexican border will lead many students to elect Spanish to satisfy this requirement.

J. Qualifying Exams

Students will take qualifying exams after successful completion of the language requirement and all courses with the exception of ENGL 6395 and the dissertation.

A copy of the dissertation in PDF or Word electronic format must be submitted to the Graduate School for format check prior to the scheduled defense date. The dissertation, including an abstract not to exceed 350 words, must be prepared according to the Graduate School's thesis and dissertation guidelines available at the Graduate School website. The student will receive email confirmation from the Graduate School after the format has been approved. The final Graduate School approved dissertation must be submitted to the Graduate School in PDF electronic format on a CD in a case by the deadline as published in the Class Schedule along with a hard copy of the signature page with original signatures of the dissertation committee members. The signature page must be included in the PDF file but it should not be signed.

Doctoral candidates are also required to submit the Graduate School approved dissertation at the University Microfilms International website for on-line publication, <http://dissertations.umi.com/utep>. Dissertations are regarded as publications and will be made public once they are approved and submitted. On-line publication does not preclude subsequent publication of the dissertation, in whole or in part, as a monograph or in a journal. Copyright at the author's expense may be arranged through University Microfilms International. In order to protect patent or any other rights, the Graduate School may be requested to delay publication for a period of one year. This request must be supported by a written recommendation of the supervising professor.

Information for All Degrees/Concentrations

1. **Undergraduate Credit Hours:** Generally, undergraduate credit hours may not be used to satisfy graduate requirements. Exceptions must be approved by the Graduate Advisor in the English department and the Graduate School and in no cases are to exceed 6 hours. With the prior approval of the Graduate Advisor and the Graduate School, the following undergraduate course may be taken for graduate credit: ENGL 4390.
2. **Foreign Students:** Foreign students must supply a satisfactory grade in a special proficiency test in the English language before being allowed to register (students should write to Graduate Advisor, Department of English, for details).
3. **Graduate Advising:** All students upon entering the graduate program will outline a tentative degree plan with their Graduate Advisor. Students who have deficiencies in their undergraduate preparation are encouraged to supplement their graduate courses with undergraduate courses (no graduate credit).
4. **Program of Study:** During the first semester of graduate study, all students must submit to the Graduate School for approval of a Preliminary

1. **Programs of Study.** During the first semester of graduate study, all students must submit to the Graduate School for approval of a Preliminary Program of Study signed by their Graduate Advisor. The Preliminary Program of Study should show the courses required by the department that the student must complete prior to graduation. During the final semester of graduate study, each student must submit to the Graduate School for approval a Final Program of Study signed by their Graduate Advisor. The Final Program of Study should show the courses taken and the courses required by the department that the student will complete during his or her last semester of graduate study. Programs that show an incomplete grade or a GPA below 3.0 cannot be approved.

Course Information

For descriptions of course offerings, please click [here](#) and select **English (ENGL)**.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

History

320 Liberal Arts
(915) 747-5508
history@utep.edu

CHAIRPERSON: Paul Edison

PROFESSORS EMERITI: Kenneth K. Bailey, Robert W. Righter, Kenneth B. Shover

GRADUATE FACULTY: Ambler, Arenson, Brunk, Chavez, Dailey, Edison, Erekson, Fan, Hackett, Jackson, Kawashima, Leyva, Lightfoot, C.E. Martin, C.H. Martin, McGee Deutsch, Schiavone-Camacho, Shepherd, Topp, Weber

M.A. Degree in History

Requirements for Admission

1. Bachelor's degree from an accredited institution in the U.S. or proof of equivalent education in a foreign institution
2. Satisfactory subject preparation and grade point average (GPA)
3. A two to three page statement of purpose
4. Two letters of recommendation from individuals familiar with the student's academic abilities
5. TOEFL score of 213/550 or higher for international applicants whose first language is not English or who have not completed a university degree in the U.S.

Minor in Public History

Whether following either a Standard Degree Plan or a Border History Degree Plan, a student may complete a minor in Public History. For the minor, a student must successfully complete HIST 5302, Introduction to Public History (which may be replaced with HIST 5304, Studies in Public History), and HIST 5390, Internship in Public History (which may be replaced with HIST 5370, Seminar in U.S. History: Public History). The Minor in Public History will be awarded only in conjunction with the completion of the MA degree in History.

Degree Requirements

Standard Degree Plans (I and II)

Prerequisite: Admission to the Graduate Program in History

Plan I requires the completion of 30 hours, including an acceptable thesis. A Plan I student must complete 9 hours of graduate seminars in history, 9 hours of graduate studies courses in history, and HIST 5398-HIST 5399. The remaining 6 hours may be selected in any combination, from among graduate studies courses, graduate seminars, and upper-division undergraduate courses available for graduate credit. With the permission of the Graduate Advisor, a Minor field in a related discipline may be taken. At least three of the six hours in the Minor must be at the graduate level. Plan I students must submit the completed thesis to the departmental committee conducting the final examination for the MA degree, as prescribed by the Graduate School.

Plan II requires the completion of 36 hours, including a revised and acceptable seminar paper in lieu of a thesis. A Plan II student must complete 12 hours of graduate studies courses in history, 6 hours of graduate seminars in history, and, in the final semester of work, HIST 5393. The remaining 15 hours may be selected from among graduate studies courses, graduate seminars, and upper-division undergraduate courses available for graduate credit. In keeping with Graduate School regulations, no more than 9 hours of approved undergraduate courses may be counted for graduate credit and only 6 of these hours may be taken in history; 3 additional hours may be included in a Minor field if a Minor field is selected and approved.

Plan II students must submit the completed seminar paper to the departmental committee conducting the final examination for the MA degree, as prescribed by the Graduate School.

As a part of the total 36 hours, a student may choose a Minor in a related field, provided the department's Graduate Advisor approves. The Minor requires 6 hours, of which at least 3 must be at the graduate level.

Limitations on undergraduate courses taken for graduate credit: No more than six hours of undergraduate history courses may be taken for graduate credit. No more than three hours of undergraduate courses may be taken for graduate credit in a Minor field.

Teaching Degree Plans (III and IV)

The MA in History with a concentration in teaching is designed to deepen teachers' knowledge of history in ways that are professionally relevant to them as teachers in secondary schools and community colleges. Students who complete the MA may also earn the Certificate in Teaching History along the way.

Prerequisite: Admission to the Graduate Program in History

Plan III requires the completion of 30 hours, including an acceptable thesis. A Plan V student must complete HIST 5320, HIST 5322, 3 hours of a graduate seminar in history, 3 hours of a graduate studies course in history, and HIST 5398-HIST 5399. He or she must also complete two of the following courses: HIST 5330 (required for those not yet certified to teach), HIST 5331 (required for those intending to teach dual-credit classes), and HIST 5332 (may be repeated once as a substitute for HIST 5331). The remaining 6 hours may be selected from among graduate studies courses and graduate seminars in history; with the permission of the MA Advisor, 3 of these hours may be selected from among appropriate graduate courses in Economics, Political Science, Psychology, Sociology, or Teacher Education. Plan V students must submit the completed thesis to the departmental committee conducting the final examination for the MA degree, as prescribed by the Graduate School.

Plan IV requires the completion of 36 hours, including a revised and acceptable seminar paper in lieu of a thesis. A Plan VI student must complete HIST 5320, HIST 5322, 6 hours of graduate seminars in history, 6 hours of graduate studies courses in history, and, in the final semester of work, HIST 5393. He or she must also complete two of the following courses: HIST 5330 (required for those not yet certified to teach), HIST 5331 (required for those intending to teach dual-credit classes), and HIST 5332 (may be repeated once as a substitute for HIST 5331). The remaining 9 hours may be selected from among graduate studies courses and graduate seminars in history; with the permission of the MA Advisor, up to 6 of these hours may be selected from among

appropriate graduate courses in Economics, Political Science, Psychology, Sociology, or Teacher Education.

Plan VI students must submit the completed seminar paper to the departmental committee conducting the final examination for the MA degree.

Certificate in Teaching History

Prerequisite: Admission to the Graduate Program in History

The Certificate in History consists of 18 credit hours of graduate courses in history. To be eligible to teach dual-credit courses (i.e. courses that offer credit for both high school and college simultaneously), teachers must have either 18 credit hours of graduate work in history and a Master's degree in another discipline, or an MA in history. Requirements for the Certificate include HIST 5320, HIST 5322, HIST 5331, 6 hours of graduate studies courses in history, and 3 hours of a graduate seminar in history. Credit earned for the Certificate may be counted towards the MA in History.

MA in History: US-Mexico Border

Border History Degree Plans (I and II)

Prerequisite: Admission to the Graduate Program in History and the completion of the fourth semester of Spanish language instruction with a grade of "B" or better, or successful completion of a department-approved Spanish language competency examination.

Plan I requires the completion of 30 hours, including an acceptable thesis. Specific requirements are as follows:

Seminars: Nine hours required, including two courses directly related to the U.S.-Mexico borderlands.

Studies Courses: Nine hours required, including two courses related to the U.S.-Mexico Border.

Other Courses: Six hours of courses related to the U.S.-Mexico Borderlands selected in any combination from seminars, studies courses, upper division undergraduate courses taken for graduate credit, or (with the approval of the graduate advisor) a Minor field in a related discipline. If a minor field is selected, at least one of the courses must be at the graduate level.

Thesis: HIST 5398-HIST 5399. Plan III students must submit the completed thesis to the departmental committee conducting the final examination for the MA degree, as prescribed by the Graduate School.

Plan II requires the completion of 36 hours, including a revised and acceptable seminar paper in lieu of a thesis. Specific requirements are as follows:

Seminars: Six hours required of courses related to the U.S.-Mexico border.

Studies Courses: Twelve hours required, of which at least 9 must be related to the U.S.-Mexico Border.

Other Border Courses: Six hours of graduate history courses or undergraduate history courses taken for graduate credit that relate to the U.S. Mexico Borderlands.

Other Courses: Nine hours from among graduate history courses and upper division undergraduate history courses taken for graduate credit. With the approval of the graduate advisor, a Minor field of six hours in a related discipline may also be selected. (Of the six hours for the Minor, at least three must be at the graduate level.)

Independent Research: HIST 5393, to be taken in the final semester of work. Plan IV students must submit the completed seminar paper to the departmental committee conducting the final examination for the MA degree.

Limitations on undergraduate courses taken for graduate credit: No more than six hours of undergraduate history courses may be taken for graduate credit. No more than three hours of undergraduate courses may be taken for graduate credit in a Minor field.

Ph.D. Program

The Ph.D. program in History focuses on the history of the Borderlands. The program is rooted in the premise that the Border unites as much as it divides and that the people of the southwestern United States and northern Mexico share many common historical experiences. Students at UTEP experience first-hand the complex political and social realities of a border community and take advantage of the rich opportunities for research in both El Paso and Ciudad Juárez. The degree is intended to prepare students for professional careers as college and university faculty, or as public historians working in such fields as museum administration, historic preservation, archival management, and public policy.

All students in the program complete a field of concentration in U.S.- Mexico Borderlands history, Transnational/World history, and either United States history or Mexican and Latin American history. Students must demonstrate a reading knowledge of Spanish, except in unusual circumstances where another language may be more appropriate.

Admissions Requirements

In addition to the general requirements for admission to the Graduate School and the graduate program in History listed above, students should meet the following qualifications:

1. Completion of a BA or MA degree in History. Students whose degree was in a field other than history should submit evidence of preparation equal to an undergraduate minor in History (survey courses in US History and World History or Western Civilization; and 12 upper-division hours). Applicants with less than the required preparation may be required to do predoctoral work.
2. Submission of official Graduate Record Examination (GRE) scores
3. Evidence of potential for scholarly work in history (from references and a written personal statement as well as the academic record).
4. TOEFL score of 213/550 or higher for international applicants whose first language is not English or who have not completed a university degree in the U.S. or another English-speaking country.

Application Procedures

Application forms can be obtained from and should be submitted to the Graduate School of The University of Texas at El Paso. Applications may be submitted at any time, but will be acted upon only once a year. The deadline for the submission of applications for the following academic year is February 1.

The documents to be submitted to the Graduate School are as follows:

1. Official Graduate School application form
2. Transcripts according to the requirements of the Graduate School
3. Official test results on the GRE (and TOEFL if applicable)
4. A two to three-page personal statement outlining the applicant's personal experience, educational background, research interests, career goals, and how the program will benefit the applicant's professional development
5. Three letters of reference from individuals who can evaluate the applicant's potential for graduate academic work and future professional contributions
6. A sample of the student's academic work in the form of a term paper or chapter about 25 pages in length

Course Requirements

All Ph.D. students will be required to take courses at the graduate level (5300 and above) totaling at least 63 semester credit hours. This requirement is composed of core courses (15 hours), seminar courses (9 hours), elective courses (30 hours), and required doctoral dissertation courses (9 hours).

Dissertation preparation courses (HIST 6398 and HIST 6399) may be repeated, but counted for credit only once in the above total.

The **core courses** (15 hours) for the degree are as follows:

HIST 5351 Literature and Methodology of Borderlands History (required)

HIST 6300 Advanced Topics in Historiography (required)

HIST 6320 History Teaching and Learning (required)

HIST 5354 Literature and Methodology of Transnational/World History

HIST 5352 Literature and Methodology of Latin American History

HIST 5353 Literature and Methodology of United States History

The first four of these courses are required of students. Students will choose from either HIST 5352 or HIST 5353, depending on whether they have a field in Latin American history or United States history, to complete their fifteen hours of core courses.

The **seminar courses** (9 hours) may be selected from any of the research seminars HIST 5370-5382. Seminars may be repeated for credit if the topic varies.

The **free electives** (30 hours) must be chosen from among the following:

A Literature and Methodology course (HIST 5352 or 5353 not taken to satisfy the core requirements.

Research seminar courses: HIST 5370-5382

Studies courses: HIST 5304-5320

Public History courses: HIST 5302 Introduction to Public History; HIST 5390 Public History Internship

Courses from a graduate program outside history (5300 level) if appropriate to the field of study, with approval of the Graduate Advisor

The required **doctoral dissertation** courses (9 hours) are as follows:

HIST 6301 Dissertation Planning Course

HIST 6398/

and 6399 Dissertation

Dissertation courses may be repeated, but count for only 6 credit hours in the total of 63 semester credit hours.

Two Cs

Ph.D. students who receive two or more grades of "C" will be formally reviewed, and the Graduate Program Committee will make a recommendation as to whether the student should be allowed to continue in the program.

Language Requirement

Students must demonstrate reading proficiency in the Spanish language by the time they complete 36 semester credit hours. Students are required to have a reading knowledge of Spanish sufficient to conduct research in primary and secondary sources in that language. Alternate languages may be accepted by the Graduate Program Committee where appropriate to the student's research. Course work taken to meet the language requirement will not be counted in the 63 hours required for the Ph.D. degree.

Transfer with Graduate Credit

Students accepted into the Ph.D. program with graduate credit (from UTEP or another institution) will be required to meet the specific degree requirements stated above. The student may petition the Graduate Program Committee to accept up to 30 hours of credit toward the degree. If titles of the transferred courses differ substantially from the history courses listed in this catalog, the student will be requested to provide documentation to the Committee that the

courses differ substantially from the history courses listed in this catalog, the student will be requested to provide documentation to the committee that the courses transferred are equivalent in content. The required core courses (HIST 5351-54 and HIST 6320) cannot be met by transferred credit.

Maximum Time for Completion of the Ph.D. Degree

Students in the Ph.D. program in History must complete all requirements for the Ph.D. within eight years of their admission to the program. The eight-year period begins with the semester in which the first courses are taken after receiving formal acceptance into the program. Extensions of the period can be granted by the Graduate Program Committee in response to written petitions from the candidate if, in their judgment, final completion of the degree requirements by the candidate is considered likely.

Portfolio and Qualifying Examination

An oral qualifying examination, in which students will be examined in their three fields of concentration, must be taken upon completion of all course work except the nine hours of dissertation courses. To prepare for the qualifying exam, students will assemble a portfolio that demonstrates their mastery of their fields and critical historical skills. As part of that portfolio, they will also prepare a formal Dissertation Proposal, which must be approved by the dissertation committee and the Graduate Advisor. Students will enroll in HIST 6300 (Advanced Topics in Historiography) and HIST 6301 (Dissertation Preparation) while they prepare their portfolio.

Failing Qualifying Examination Twice

Ph.D. students who fail the same qualifying exam more than once will be formally reviewed, and the Graduate Program Committee will make a recommendation as to whether the student should be allowed to continue in the program.

Dissertation

Students must complete a doctoral dissertation containing substantial original research using primary documents, under the supervision of a dissertation advisor. A committee of three department faculty and one outside faculty member will be selected.

Ph.D. Oral Examination

On completion of the dissertation, the candidate will be required to make an oral defense of the dissertation before the dissertation committee, the faculty, and the general public.

Microfilming of Dissertations

The doctoral candidate who has successfully completed the above requirements will be required to pay the cost of a microfilm copy of the dissertation. The signed original copy (unbound) of the dissertation will be sent by the Graduate School to University Microfilms in Ann Arbor, Michigan, for reproduction. Along with the original copy of the dissertation, the student must submit to the Graduate School two copies of an abstract, not to exceed 350 words in length (double-spaced), which has been approved in final form by the dissertation committee. This will be published in *Dissertation Abstracts International*.

Prerequisite

Completion of the fourth semester of Spanish language instruction with a grade of "B" or better, or successful completion of a department-approved Spanish language competency examination.

M.A. for students enrolled in the Ph.D. Program

Students who enter the Ph.D. program directly upon completion of the bachelor's degree will be reviewed formally at an early stage of their graduate careers (normally at the completing of 18 semester credit hours of graduate work) to determine whether they should be encouraged to continue their work for the degree. Those who are cleared for continuation toward the doctorate will be awarded an M.A. after completing thirty-six hours of approved coursework, including nine hours of research seminars; these students will not be required to complete an M.A. thesis or to submit a revised seminar paper in lieu of a thesis.

Border History M.A. for students enrolled in the Ph.D. Program

Those Ph.D. students who are cleared for continuation toward the doctorate may receive an M.A. with a Border History concentration by completing 36 hours of approved coursework. These 36 hours must include nine hours of graduate research seminars (six of which must relate to the U.S.-Mexico Border), and at least twelve more hours of courses related to the U.S.-Mexico border. Students will not be required to complete an M.A. thesis or to submit a revised seminar paper in lieu of a thesis.

Students who voluntarily withdraw from the Ph.D. program or who are denied permission to continue in the Ph.D. Program

Students who have been reviewed and who are denied permission to continued work toward the doctorate, or those who voluntarily withdraw from the doctoral program, will be permitted to complete the M.A. degree (Plans I, II, III, or IV) according to existing departmental requirements.

Course Information

For descriptions of course offerings, please click [here](#) and select **History (HIST)**.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Languages and Linguistics

137 Liberal Arts
(915) 747-5767
lgsling@utep.edu

CHAIR: Kirsten F. Nigro

PROFESSORS EMERITI: Richard Ford, Arturo Perez

ASSOCIATE PROFESSORS EMERITI: Sandra Beyer, Eleanor Cotton, Frederick Kluck

GRADUATE FACULTY: Amastae, Armengol, Blansitt, Blume, Courtney, Elerick, Ford, Garabano, Garcia, Loudon, Nigro, Perez de Solar, Sobin, Teschner

The department offers two graduate degrees: (1) the MA in Linguistics with available additional concentrations in Applied Linguistics and in Hispanic Linguistics, (2) the MA in Spanish.

Linguistics

Requirements for Admission

1. Bachelor's degree from an accredited institution in the U.S. or proof of equivalent education in a foreign institution
2. Undergraduate degree or satisfactory subject preparation in linguistics, a language, or a related field resulting in a satisfactory grade point average (GPA) (Where there is a question of sufficient background, a program of leveling courses not to exceed 12 hours will be arranged in consultation with the graduate advisor.)
3. (For Hispanic linguistics only) Competency in both Spanish and English
4. Submission of official Graduate Record Examination (GRE) scores
5. TOEFL score of 213/550 or higher for international applicants whose first language is not English or who have not completed a university degree in the U.S.
6. Three letters of recommendation
7. A brief (2-3 page) personal statement of purpose

Degree Requirements (36 hours)

Thesis and Non-thesis options and hours

There are one thesis and two non-thesis options. Each student must choose one of these options. The thesis option requires LING 5398 and LING 5399, in addition to the requirements of 9 core hours and 21 elective hours. The thesis will be presented in an open defense. One non-thesis option involves an extended research paper, which will be presented in an open defense. This option requires LING 5397, in addition to the requirements of 9 core hours and 24 elective hours. The second non-thesis option involves extended course work, requiring 9 core hours and 27 elective hours. With this option, there will be a final open oral and/or written examination in the candidate's chosen primary area of study. In more detail, the requirements for each degree option, including the concentration possibilities mentioned above, are as follows:

MA degree in Linguistics (no concentration)

A. Core Requirements

LING	5301	Principles of Linguistic Analysis
LING	5309	Generative Syntax
LING	5320	Phonology

B. AND EITHER

- a thesis (LING 5398 and LING 5399), and
- 21 additional hours of graduate linguistics courses

OR

- an extended paper (LING 5397), and
- 24 additional hours of graduate linguistics courses

OR

- examination/open presentation of an area of interest beyond individual course work, and
- 27 additional hours of graduate linguistic courses

Concentration in Applied Linguistics (AL) with a thesis OR extended paper

A. Core Requirements

LING	5301	Principles of Linguistic Analysis
LING	5309	Generative Syntax
LING	5320	Phonology

B. LING 5348 Second Language Acquisition

C. An advanced course in or relevant to AL (as agreed by student and graduate advisor)

D. AND EITHER

- a thesis in AL (LING 5398 and LING 5399), and
- 15 additional hours of graduate linguistics courses

OR

- an extended paper in AL (LING 5397), and
- 18 additional hours of graduate linguistics courses

Concentration in Hispanic Linguistics (HspLX) with a thesis OR extended paper:

A. Core Requirements

LING	5301	Principles of Linguistic Analysis
LING	5309	Generative Syntax
LING	5320	Phonology

- B. LING 5348 Second Language Acquisition
 C. An advanced course in or relevant to HspLx (as agreed by student and graduate advisor)
 D. AND EITHER

-a thesis in HspLX (LING 5398 and LING 5399), and
 -15 additional hours of graduate linguistics courses

OR

-an extended paper in HspLx (LING 5397), and
 -18 additional hours of graduate linguistics courses

Spanish

Admission to the Program

1. Fulfillment of all general requirements for admission to the Graduate School
2. Completion of four upper-division undergraduate survey courses in Spanish and Spanish American literature with a grade of "C" or better (SPAN 3301, 3302, 3303, 3304 at UTEP or their equivalent at other institutions). Applicants who have not taken all such courses or who have not completed one or more of them with a grade of "C" or better may be granted conditional admission but will be required to make up any deficiency by enrolling in the appropriate course(s) during their first semester. Such courses will not count toward the degree.

Degree Requirements MA in Spanish

1. Complete 36 hours of work, including the appropriate options chosen from "Required Courses and Subject Areas" listed below. With the approval of the Committee on Graduate Studies, a student may present a minor consisting of 6 to 12 hours in a related field.
2. Complete course 2302 (fourth semester) in a second foreign language with a grade of at least "B", or demonstrate equivalent proficiency.

Must select Plan I or Plan II below:

Plan I (Non-Thesis Option): Complete SPAN 5397 Seminar in Hispanic Literary Research, which counts for 3 of the required 36 hours of work.

Plan II (Thesis Option): Complete SPAN 5398-SPAN 5399, Thesis, which counts for 6 of the required 36 hours of work. The Committee on Graduate Studies must approve a prospectus outlining the proposed thesis. The thesis will be defended orally.

Required Courses and Subject Areas

In order to ensure a balanced course of study, all students must complete 21 credit hours distributed as follows:

1. Required Course: SPAN 5301
2. Required Subject Areas
 - a. Spanish Peninsular Literature
 - (1) One course in Golden Age (SPAN 5333, SPAN 5334, or SPAN 5335)
 - (2) One course in Twentieth Century (SPAN 5340 or SPAN 5341)
 - b. Spanish American Literature
 - (1) One course in Prose Fiction (SPAN 5319 or SPAN 5321) (2) One course in Poetry (SPAN 5315 or SPAN 5317)
 - c. Hispanic Linguistics
 - (1) One course. Students who have not taken SPANLING 3309 (or the equivalent) prior to undertaking MA course work will be required to take this course, which will count for credit toward the MA. Those who have completed SPAN/LING 3309 before entering the master's program will be required to complete one of the following: SPAN/LING 4372, SPAN/LING 5385, or SPAN/LING 5388.
 - d. One course selected from the following:
 - (1) SPAN 5304
 - (2) SPAN 5335
 - (3) A second course in Hispanic linguistics

Course Information

For descriptions of course offerings, please click [here](#) and select **French (FREN), Linguistics (LING), or Spanish (SPAN)**.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Liberal Arts Interdisciplinary Studies

The College of Liberal Arts offers three interdisciplinary studies programs leading toward the master's degree. These programs are the Master of Arts in Interdisciplinary Studies (MAIS), Master of Arts in Latin American and Border Studies and the Master of Fine Arts in Creative Writing (MFA).

Master of Arts in Interdisciplinary Studies

307 Hudspeth Hall
(915) 747-5647
mais@utep.edu

PROGRAM DIRECTOR: Robert Bledsoe

The MAIS program is designed for individuals who, having completed a baccalaureate program or professional degree program at an accredited college or university, wish to expand their knowledge in areas outside of their previous training or present profession. To this end, each student will participate in the design of a plan of study consisting of courses offered by a variety of departments.

Basic Requirements for Admission

1. A bachelor's degree from an accredited institution in the United States (or proof of equivalent training in a foreign institution)
2. A satisfactory grade point average (GPA) in upper-division (junior and senior level) work and in any graduate work already completed
3. Submission of official Graduate Record Examination (GRE) scores
4. Submission to the MAIS Advisory Committee of an acceptable Admission Essay and Plan of Study
5. Acceptance by the MAIS Advisory Committee and by the Graduate School

Specific Requirements for the MAIS Degree

1. Thirty-six semester hours of course work, no more than nine of which may be in a single disciplinary area, and of which no more than nine may be outside of the College of Liberal Arts. Exceptions to the nine-hour limitations may be made under unusual circumstances. Exceptions must be approved by the MAIS Advisory Committee and by the Graduate School.
2. A minimum of 27 semester hours of graduate-level courses; the remaining nine hours may be selected from among graduate-level courses and/or upper-division undergraduate courses. (Any undergraduate course taken for MAIS credit must be specifically designated in the catalog as "For Undergraduate and Graduate Students.")
3. A minimum of six semester hours of course work from among the MAIS core seminars.
4. Successful completion of MAIS 5393 Final Project. The Final Project will be submitted to the committee conducting the student's final oral examination. Upon successful completion of the final examination, a copy of the Final Project will be bound and submitted to the MAIS Program archives.
5. Successful completion of the final oral examination and approval of the Graduate School.

Course Information

For descriptions of course offerings, please click [here](#) and select **MA in Interdisciplinary Studies (MAIS)**.

Master of Arts in Latin American and Border Studies

Physical Address:
1514 Hawthorne Street
(915) 747-5196/5157
cibs@utep.edu
Mailing Address:
500 W. University Boulevard
El Paso, Texas 79968
Website: www.utep.edu/cibs

EXECUTIVE DIRECTOR: Ricardo Blázquez

The College of Liberal Arts offers an interdisciplinary Master of Arts degree with a major in Latin American and Border Studies.

Requirements for Admission

Admission to the MA program in Latin American and Border Studies will follow the general admissions requirements of the UTEP Graduate School. In addition, it will require a 3.0 minimum upper division undergraduate GPA. Because the program is interdisciplinary, no specific undergraduate major is required. However, admission requires the completion of an essay that addresses the student's specific interest in participating in the program. Students without any undergraduate credits in any area related to Latin America or Border studies may be required to complete up to 9 hours of undergraduate work in the area of Latin American and Border Studies.

Requirements for the Degree

	Thesis	Non-Thesis
Core Courses	9	9
Prescribed Electives	9	12
Free Electives	6	9
Thesis	6	0
Total Credit Hours:	30	30

a. Foundation Courses

1. for undergraduate programs, general education/core curriculum;
2. for graduate programs, prerequisite/leveling courses

b. Courses required of all students in the proposed program;

All students must complete the following core courses:

LABS 5301 Issues in Border Studies

LABS	5302	Issues in Latin American Studies
LABS	5390	Research Seminar in Latin American and Border Studies

LABS 5301 and 5302 should be taken early in the student's program of study. They will introduce students to the main questions and the critical literature in the respective field. As a requirement for each course, students will be expected to write a paper reviewing the literature that focuses on their intended area of concentration.

In LABS 5390, students will formulate and discuss their research ideas, cross-fertilizing the study of the border and of Latin America. It will help launch the thesis and serve as a forum for non-thesis students. A capstone course, it should be taken near the end of the student's program of study.

c. Elective courses prescribed for those students;

Each student will take 9-12 hours of courses in a single area to provide disciplinary depth and expertise to complement the breadth of knowledge in the core course concerning the border area and Latin America. These courses will be chosen in consultation with the academic advisor. Field experience under a supervising professor is required when appropriate to the student's needs.

d. Courses freely elected by students

Each student will choose, in consultation with the academic advisor, 6-9 hours of courses to complete the program.

e. Other, specify.

Language Requirement

All students must demonstrate oral, reading, and writing proficiency in Spanish. Substitutions may be made. If proficiency is not adequately demonstrated by sufficient coursework at the undergraduate level, including undergraduate education conducted in Spanish, a proficiency examination in Spanish is required the first semester of enrollment. Students who do not satisfy the proficiency requirements through this test must register for Spanish instruction until they pass the test.

Students may select up to 6 credit hours from upper-division undergraduate courses, as approved by the graduate committee. The instructor is expected to assign the student appropriate work for graduate level credit.

Students may elect either the thesis or non-thesis option. In the capstone course, LABS 5390, students will be encouraged to incorporate field experience. Students will also be encouraged to undertake other field experiences that may be part of the program in consultation with the program advisor.

Transfer students will be admitted based on the graduate school guidelines. No more than 9 hours of transfer credit will be accepted.

Course Information

For descriptions of course offerings, please click [here](#) and select **Latin American and Border Studies (LABS)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Music

301M Fox Fine Arts
(915) 747-5606
music@utep.edu

CHAIRPERSON: Lowell Graham

PROFESSOR EMERITUS: Arryl Paul

GRADUATE FACULTY: Colgin, Dousa, Eylon, Feagin, Fountain, Graham, Hufstader, Jones, Leinberger, Macchioni, McMillan, Meyers, Ross, Schuppener, Siqueiros, Tredway, Unsworth, White, Wilkinson, E. Wilson, S. Wilson

Master of Music

The Master of Music degree is offered in two majors: Performance (instrumental, vocal, conducting, theory or composition), which specializes in the study of a performing medium; and Music Education, which is designed for advanced training in the teaching profession.

Specific Requirements for the Master of Music in Performance

1. A Bachelor's degree in Music or its equivalent
2. Acceptance into the performance program via
3.
 - a. audition with a three-person panel of area faculty
 - b. vocal majors must demonstrate knowledge of Italian, French, German, Latin, and English diction
 - c. submission of undergraduate official transcript
 - d. two letters of recommendation
 - e. written statement of intent
 - f.
 - g.

4. Completion of the following required courses with a "B" or above:

Instrumental:

9 hours	MUSA	5391	Applied Music
3 hours	MUSL	5371	Bibliography and Research
3 hours	MUSE	5397	Pedagogy of Instrumental Music
2 hours	MUSL	5211	Selected Topics in Music History
2 hours	MUST	5217	Selected Topics in Music Theory
3 hours	MUST	5321	or Analysis of Tonal Music
3 hours	MUST	5322	or Analysis of Modern Music
2 hours	Ensemble		or Chamber Music Participation

THESIS TRACK

3 hours	MUSG	5398	Thesis
3 hours	MUSG	5399	Thesis

OR NON-THESIS TRACK

3 hours	MUSG	5388	Recital I
3 hours	MUSG	5389	Recital II

5 hours Electives (Approved upper-division undergraduate or graduate courses)
32-33 hours Total

Vocal:

9 hours	MUSA	5391	Applied Lessons
3 hours	MUSL	5371	Bibliography and Research
3 hours	MUSE	5396	Pedagogy of Vocal Music
2 hours	MUSL	5211	Selected Topics in Music History
2 hours	MUST	5217	Selected Topics in Music Theory
3 hours	MUST	5321	or Analysis of Tonal Music
3 hours	MUST	5322	or Analysis of Modern Music
2 hours	Ensemble		or Chamber Music Participation

THESIS TRACK

3 hours	MUSG	5398	Thesis
3 hours	MUSG	5399	Thesis

OR NON-THESIS TRACK

3 hours	MUSG	5388	Recital I
3 hours	MUSG	5389	Recital II

5 hours Electives (Approved upper-division undergraduate or graduate courses)
32-33 hours Total

Conducting:

9 hours	MUSA	5391	Applied Lessons
3 hours	MUSL	5371	Bibliography and Research
2 hours	MUSA	5233	Graduate Score Study
2 hours	MUSA	5234	Graduate Rehearsal Techniques
2 hours	MUSL	5211	Selected Topics in Music History
2 hours	MUST	5217	Selected Topics in Music Theory
3 hours	MUST	5321	or Analysis of Tonal Music
3 hours	MUST	5322	or Analysis of Modern Music
2 hours	Ensemble		or Chamber Music Participation

THESIS TRACK

3 hours	MUSG	5398	Thesis
3 hours	MUSG	5399	Thesis

OR NON-THESIS TRACK
 3 hours MUSG 5388 Recital I
 3 hours MUSG 5389 Recital II
 4 hours Electives (Approved upper-division undergraduate or graduate courses)
 32-32 hours Total

Theory:

4 hours MUSA 5281 Applied Lessons
 3 hours MUSL 5371 Bibliography and Research
 3 hours MUSL 5319 Pedagogy of Theory
 3 hours MUST 5321 Analysis of Tonal Music
 3 hours MUST 5322 Analysis of Modern Music
 2 hours MUSL 5211 Selected Topics in Music History
 2 hours MUST 5217 Selected Topics in Music Theory
 2 hours Ensemble or Chamber Music Participation

THESIS TRACK

3 hours MUSG 5398 Thesis
 3 hours MUSG 5399 Thesis

OR NON-THESIS TRACK

3 hours MUSG 5388 Recital I
 3 hours MUSG 5389 Recital II
 4 hours Electives (Approved upper-division undergraduate or graduate courses)
 32 hours Total

Composition:

9 hours MUSA 5325 Graduate Composition
 3 hours MUSL 5371 Bibliography and Research
 3 hours MUST 5319 Pedagogy of Theory
 3 hours MUST 5321 Analysis of Tonal Music
 3 hours MUST 5322 Analysis of Modern Music
 2 hours MUST 5217 Selected Topics in Music Theory
 2 hours Ensemble or Chamber Music Participation

THESIS TRACK

3 hours MUSG 5398 Thesis
 3 hours MUSG 5399 Thesis

OR NON-THESIS TRACK

3 hours MUSG 5388 Recital I
 3 hours MUSG 5389 Recital II
 2 hours Electives (Approved upper-division undergraduate or graduate courses)
 32-33 hours Total

5.

The performance sequence requires either 1) a Master's recital and written thesis documenting that recital; 2) two performance recitals; or 3) a full theoretical thesis of composition plus analysis. A final examination is also required. All graduate recitals must be attended by three graduate music faculty members, two of whom must be from the student's applied area. The attending graduate faculty members will judge the recitals as pass/fail as part of the degree requirements.

Specific Requirements for the Master of Music in Music Education: Thesis Track

1. A Bachelor's degree in Music or its equivalent with certification to teach music in the public schools or significant and equivalent professional teaching experience.
2. Acceptance into the music education program via
3.
 - a. the approval of a three-person panel of area faculty after appropriate interviews and/or teaching demonstration
 - b. submission of undergraduate official transcript
 - c. two letters of recommendation
 - d. written philosophy of teaching
 - e.

4. Completion of the following required courses with a "B" or above:

3 hours MUSE 5331 Foundations in Music Education
 3 hours MUSL 5371 Bibliography and Research
 4 hours MUSA 5281 Applied Lessons
 MUSA 5261 **or** Applied Lessons
 MUSA 5381 **or** Applied Lessons
 3 hours MUSE 5396 Pedagogy of Vocal Music,
 MUSE 5397 **or** Pedagogy of Instrumental Music
 2 hours MUST 5217 Selected Topics in Music Theory
 3 hours MUST 5321 **or** Analysis of Tonal Music
 3 hours MUST 5322 **or** Analysis of Modern Music
 2 hours MUSL 5211 Music History
 6 hours MUSG 5335 Seminar in Music Education
 3 hours from the following menu:
 TED 5300 Research for the Classroom Teacher
 TED 5301 Learning Contexts and Curriculum
 TED 5302 Managing the Student Centered Classroom
 TED 5303 Authentic Performance Assessment in the Classroom
 EDRS 5305 Education Research and Statistics
 EDAD 5310 Education Administration
 EDAD 5312 Education Instruction

(or approved substitute)

3 hours MUSG 5398 Thesis
 3 hours MUSG 5399 Thesis

32-33 hours Total

5.

No recital is required in this particular Music Education program. This thesis sequence includes the submission of a research thesis on a pedagogical topic. A final oral examination on the thesis is also required.

Non-Thesis Track

1. A Bachelor's degree in Music or its equivalent with certification to teach music in the public schools or significant and equivalent professional teaching experience.
2. Acceptance into the music education program via
3.
 - a. the approval of a three-person panel of area faculty after appropriate interviews and/or teaching demonstration
 - b. submission of undergraduate official transcript
 - c. two letters of recommendation

d. written philosophy of teaching

e.

4. Completion of the following required courses with a "B" or above:

3 hours	MUSE	5331	Foundations of Music Education
3 hours	MUSL	5371	Bibliography and Research
4 hours	MUSA	5281	Applied Lessons (on principal or secondary instrument)
MUSA	5261	or Applied Lessons	
MUSA	5381	or Applied Lessons	
3 hours	MUSE	5396	Pedagogy of Vocal Music
MUSE	5397	or Pedagogy of Instrumental Music	
2 hours	MUST	5217	Selected Topics in Music Theory
3 hours	MUST	5321	or Analysis of Tonal Music
3 hours	MUST	5322	or Analysis of Modern Music
2 hours	MUSL	5211	Selected Topics in Music History
9 hours	MUSG	5335	Seminar in Music Education

6 hours from the following menu:

TED	5300	Research for the Classroom Teacher
TED	5301	Learning Contexts and Curriculum
TED	5302	Managing the Student Centered Classroom
TED	5303	Authentic Performance Assessment in the Classroom
EDRS	5305	Education Research and Statistics
EDAD	5310	Education Administration
EDAD	5312	Education Instruction

(or approved substitute)

5.

32-34 hours Total

No thesis is required in this particular Music Education track. This sequence of classes may be completed in two regular semesters plus two summer semesters of study (2+2). A comprehensive written exam may be required at the conclusion of all coursework.

Course Information

For descriptions of course offerings, please click [here](#) and select **Applied Music (MUSA)**, **Music Education (MUSE)**, **Music, General (MUSG)**, **Music Literature and History (MUSL)**, or **Music Theory (MUST)**.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Philosophy

113 Hudspeth Hall
(915) 747-6617
philos@utep.edu

CHAIRPERSON: Jules Simon

GRADUATE FACULTY: Best, Ferret, Garbayo, Haddox, Simon, Springer, Symons

The Philosophy Department offers a graduate-level degree MA and it regularly offers graduate courses that may be used towards graduate degrees in other disciplines.

M.A. in Philosophy

Overview of the Program

The program focuses on the core strengths of the department in philosophy of science and ethics while providing students with the opportunity to become competent as generalists in the history of philosophy and as teachers of introductory logic. In doing so, the program primarily prepares students for entry into Ph.D. programs in Philosophy and related disciplines. It also meets the ongoing demand for qualified philosophy teachers from area community colleges as well as training students to teach in Mexican universities and secondary schools. With the flexibility of the Philosophy Project option, students are able to meet a variety of local and regional needs as well, serving the needs of local secondary school systems, pre-law preparation, and community administration and activism.

Requirements for Admission

1. A Bachelor's degree from an accredited U.S. institution or proof of equivalent education at a foreign institution.
2. Submission of official Graduate Record Examination (GRE) scores
3. A writing sample.
4. A statement of purpose.
5. Two letters of recommendation.
6. Optional: a resume or other supporting materials to give a full picture of the applicant's potential.

Requirements for the Degree

Thirty (30) semester hours consisting of:

1. 24 semester hours of course work plus a 6-hour thesis and an oral examination.
2. 24 semester hours of course work plus a 6-hour final project and an oral examination.
 - a. **Required Courses** (12 hours)
 - Proseminar I: Research and Writing
 - Proseminar II: Science and Ethics
 - World Historical Philosophers
 - Basic Philosophic Issues
 - Thesis / Project (6 credit hours)
 - b. **Electives** (12 hours)

Electives may include any graduate philosophy courses not being counted as part of the Required Courses. With the approval of the Director of Graduate Studies, one graduate level course from outside of the Department of Philosophy may be counted towards the degree requirements. With the guidance of their faculty advisor and the approval of the Director of Graduate Studies, students will choose from an array of prescribed electives in order to fashion their particular course of study that will result in the composition of an original M.A. thesis. The choice of courses will be relative to how each student structures their degree plan and could entail taking some of the prescribed electives more than once depending on the instructor and content of the course.
 - c. **Thesis** (6 hours) or **Project** (6 hours)
 - i. The thesis option requires the completion of a substantial work of writing in the scholarship of philosophy. The student submits a thesis proposal and the names of a thesis director, Philosophy Department reader, and an outside reader to the Graduate Advisor for approval, and then follows the Graduate School guidelines for preparing and submitting a thesis.
 - ii. The project option requires the completion of a supervised experience addressing a professional or academic philosophical issue through the preparation of an appropriate written document. The student submits a project proposal and the names of a project director, Philosophy Department reader, and an outside reader to the Graduate Advisor for approval, and then follows the Graduate School guidelines for preparing and submitting the project paper.
 - d. **Oral Examination** A defense of the thesis or project document before the student's committee is required. In all cases, a majority vote of the committee will determine acceptance or rejection.

Course Information

For descriptions of course offerings, please click [here](#) and select **Philosophy (PHIL)**.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Political Science

111 Benedict Hall
(915) 747-5227
rsegura@utep.edu

CHAIRPERSON: Gregory Schmidt

PROFESSORS EMERITI: Howard D. Neighbor, Roberto E. Villarreal

ASSOCIATE PROFESSOR EMERITUS: Thomas J. Price

GRADUATE FACULTY: Boehmer, Coronado, Genna, Graves, Hiroi, Kruszewski, Payan, Rocha, Schmidt, Sirin, Staudt, Villalobos, Webking

Master of Arts in Political Science

UTEP's location at the intersection of political systems, nationalities, and cultures provides many fascinating and unique opportunities to study American Politics, Border Politics, Comparative Politics, and International relations. Our master's degree is useful for many different career paths. Our UTEP graduates have gone on to jobs in government service, teaching, business, and non-profit organizations. Some of our M.A. graduates have subsequently completed doctoral programs. We offer two degree plans in our M.A. program. Degree Plan I consists of thirty credit hours, including six thesis credit hours, and is designed for those students planning to pursue a doctoral degree or otherwise would like to develop an area of research expertise. Degree Plan II requires 36 credit hours, including a final paper project. Students in our M.A. program may apply for teaching and research assistantships. The deadline to apply for funding is March 31.

Requirements for Admission to the M.A. Program

Admission is based on the entire record of the applicant and not a single criterion.

1. Completed application available online for the Graduate School.
2. Bachelor's degree from an accredited college or university in the U.S. or proof of equivalent education at a foreign institution in Political Science, or a related area. Please submit transcripts from your bachelor's degree and any other graduate or professional degree programs, including law school.
3. Three letters of recommendation, preferably from former professors in either your bachelor's degree program or previous graduate programs.
4. A statement of purpose outlining your interest in our program and career objectives. If your undergraduate GPA is below 3.0, please also explain any extenuating circumstances.
5. The results of the Graduate Record Examination (GRE). For graduates of institutions outside of the United States where English is not the first language, the Test of English as a Foreign Language (TOEFL) is also required. Official test scores from both GRE and TOEFL should be sent directly from the testing agency to the Graduate School.
6. Other evidence of background and experience that may be available.

Degree Plan I

1. Research Methods Preparation (6 hours)
 POLS 5300 Research Methods in Political Science
 (To be taken in the first semester possible after admission) AND
 POLS 5301 Seminar in Qualitative Methods OR
 POLS 5302 Seminar in Quantitative Research Methods II
2. At least one graduate course from three of four subfields: American Institutions and Processes, Border Politics, Comparative Politics, and International Relations (9 hours)
3. Electives, which may include one three-credit course taken at the graduate level in a related field with the advice of the Director of Graduate Studies (9 hours)
4. Two Thesis Courses (6 hours)
 POLS 5398 Thesis
 POLS 5399 Thesis

Total Hours: 30

Degree Plan II

1. Research Methods Preparation (6 hours)
 POLS 5300 Research Methods in Political Science
 (To be taken in the first semester possible after admission) AND
 POLS 5301 Seminar in Qualitative Methods OR
 POLS 5302 Seminar in Quantitative Research Methods II
2. At least one graduate course from each of the four subfields: American Institutions and Processes, Border Politics, Comparative Politics, and International Relations (12 hours)
3. Electives, which may include one three-credit course taken at the graduate level in a related field with the advice of the Director of Graduate Studies (15 hours)
4. POLS 5393: Final Paper Project and satisfactory defense of paper in last semester of study before a committee comprised of graduate faculty (3 hours)

Total Hours: 36

Additional Policies

1. Independent studies are limited to three hours of graduate coursework, taken with the permission of the instructor and the Director of Graduate Studies and justified with a proposal from the student outlining the objectives of the project by the end of the drop/add period.
2. No more than six credit hours of upper-division undergraduate classes may count toward our graduate degree. To use an undergraduate course for graduate credit, the following additional work is required: reading of original scholarly books and articles above and beyond textbooks; and additional written work, such as research on specific theories, literature reviews, or identification of issues in specific areas. Undergraduate courses may only count for graduate credit with the permission of the instructor and the Director of Graduate Studies.
3. No student may register for a graduate course in the Department of Political Science without the advice and signed approval of the Director of Graduate Studies. This applies not only to the initial registration, but also to all subsequent enrollments.
4. Satisfactory performance in the M.A. program is defined as maintaining a 3.0 GPA. A grade of B or better must be earned in all the mandatory courses required in both degree plans, including POLS 5300, POLS 5301, and POLS 5302.

Course Information

For descriptions of course offerings, please click [here](#) and **Political Science (POLS)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Psychology

112 Psychology Building
(915) 747-5551
psychology@utep.edu

CHAIRPERSON: Edward Castañeda

PROFESSORS EMERITI: Edmund Coleman, James V. Devine, Judith P. Goggin, Philip Himelstein, Randolph H. Whitworth

ASSOCIATE PROFESSOR EMERITUS: Guido A. Barrientos

GRADUATE FACULTY: Castañeda, Cohn, Cooper, Crites, Francis, Hosch, Lucker, Malpass, Meissner, Mbrera, Moss, O'Dell, Schwartz, Webe, Wood, Zárate

The University of Texas at El Paso's location on the U.S./Mexico border provides a unique opportunity to investigate how an intersection of nationalities, cultures, and languages affects cognitive processes and behaviors. These issues permeate nearly all of our academic and scholarly activities including classroom instruction, research, and community placements. The psychology department offers a variety of graduate programs and concentrations so students can tailor their graduate studies in preparation for their future career goals. We offer a Ph.D. in general psychology and provide three areas of concentration for students: Health; Legal; and Social, Cognitive and Neurosciences. The objective of the Ph.D. program is to prepare students for research careers in either academic or applied settings. We also offer two MA programs: one in Clinical Psychology that prepares students to either work in applied settings as a psychological associate or continue on to a Clinical Ph.D. program and one in General Experimental Psychology that prepares students to continue on to a Ph.D. program.

General Requirements for Graduate Programs in Psychology

Admissions Requirements

Because all of our graduate programs focus on research and require extensive one-on-one contact between faculty and students, we can accept only a limited number of students each year. Admission is competitive, and admission recommendations are made by a committee that carefully reviews each applicant's academic history, performance, and interests. To be admitted, one must have a bachelor's degree (or the equivalent for non-U.S. students) from an accredited university. Students who are still working on their bachelor's degree and who will complete it before starting graduate work are given full consideration. Individuals who do not have a degree in psychology are also given full consideration, but admission may be conditional on satisfactorily completing a few undergraduate psychology courses.

We accept students once a year. New students are admitted to begin during the fall semester only. Applications for admission are due January 15th. If you are interested in applying, please send the materials indicated below to the graduate school (UTEP Graduate School; Administration Building Room 223, 601 W. Schuster, El Paso, TX 79968.

- A UTEP graduate school application (an on-line application can be found at the graduate school's page)
- Transcripts according to the requirements of the Graduate School.
- Official GRE General Test scores from ETS (GRE scores taken within the last five years are required of all applicants, regardless of whether or not they have a graduate degree in another discipline)
- A two- to three-page personal statement outlining experiences, skill, and training. In addition, please state your career goals and how this specific program will benefit your professional development
- Three letters of recommendation
- Official TOEFL scores for international students who do not have a degree at an accredited U.S., institution

Before being admitted into any graduate program, either MA or Ph.D., the applicant's undergraduate preparation must include a course in psychological statistics and 12 hours of upper-division courses in psychology including a course in experimental psychology.

Ph.D. Program

The Ph.D. Program is designed to train all students in the fundamental areas of psychology. The department extends this training with three concentrations in (1) Health, (2) Legal, and (3) Social, Cognitive and Neurosciences. Students with a health concentration have an opportunity to conduct research in areas such as adaptation to chronic illness; food and fluid intake; judgment and decision making; risk taking; smoking prevention and cessation; and underage drinking and driving. Students with a legal concentration have an opportunity to conduct research in areas such as detection of deception; facial recognition and eyewitness identification/memory; interviewing and interrogation; jury decision making; and suggestibility in legal cases. Students with a social, cognitive, and neuroscience concentration have an opportunity to conduct research in areas such as addiction and drugs of abuse; behavioral regulation; bilingual memory; multilingual language processing; social neuroscience; and social perception, prejudice and stereotyping. Ph.D. candidates are required to complete 78 semester hours.

Course Requirements

1. Statistics and research methods courses (12 semester hours)

PSYC	5310	Applied Correlation and Regression Methods
PSYC	5311	Experimental Design and Analysis of Variance
PSYC	5334	Foundations of Research

 Plus one additional research method course approved by graduate program director.
2. Breadth courses include three of the following (9 semester hours)

PSYC	5371	Animal Learning and Behavior
PSYC	5372	Behavioral Neuroscience
PSYC	5374	Cognitive Psychology
PSYC	5376	Developmental Psychology
PSYC	5330	Social Behavior
3. Research (24 semester hours)
 - a. First Year Research (6 semester hours)

PSYC	6310	First Year Research
PSYC	6311	First Year Research
 - b. Research Applications (6 semester hours)

PSYC	5301	Research Applications
------	------	-----------------------
 - c. Thesis Research (6 semester hours)

PSYC	5398	Thesis
PSYC	5399	Thesis
 - d. Dissertation Research (6 semester hours)

PSYC	6320	Dissertation
PSYC	6321	Dissertation

 Research must be taken with at least 2 different faculty members.
4. Concentration Courses and Electives

- a. Health
 PSYC 5323 Psychometrics
 PSYC 5351 Behavioral Medicine
 PSYC 5352 Public Health and Community Interventions
 Plus 24 additional semester hours of approved Health elective coursework
 (A list of approved elective coursework can be obtained from the graduate program director.)
- b. Legal
 PSYC 5344 Survey of Legal Psychology
 PSYC 5342 Special Topics in Psychology and Law
 PSYC 5342 Special Topics in Psychology and Law
 PSYC 6305 Field Placement
 PSYC 6305 Field Placement
 Plus 9 additional semester hours of approved Legal elective coursework (A list of approved elective coursework can be obtained from the graduate program director.)
- c. Social, Cognitive, and Neurosciences
 BIOL 5131 Ethical, Social, and Political Dimensions of Science

Plus 12 additional semester hours of approved Social, Cognitive, and Neurosciences elective coursework (A list of approved elective coursework can be obtained from the graduate program director.)

Yearly Evaluations and Satisfactory Progress

Students are expected to make satisfactory progress toward their degree. Faculty will provide all students with annual, written evaluations and feedback. Failure to make satisfactory progress toward one's degree may result in dismissal from the program.

Advancement to Candidacy

Students must apply for advancement to candidacy. This can be done once students complete (1) statistics and research method courses, (2) breadth courses, (3) first year research, and (4) thesis research requirements.

Maximum Time for Completion of the Ph.D. Degree

Students in the Ph.D. program in Psychology must complete all requirements for a Ph.D. within one eight-year period. The eight-year period begins with the term of the first course listed on the student's degree plan. Use of advanced standing will proportionately decrease this time.

Ph.D. Oral Examinations

A dissertation proposal must be defended orally before the student's committee prior to collecting data. In addition, students must make a public presentation of their dissertation and successfully defend their dissertation during a final oral examination conducted by the dissertation committee. The final oral examination may include committee examination on any appropriate material.

A copy of the dissertation in PDF or Word electronic format must be submitted to the Graduate School for format check prior to the scheduled defense date. The dissertation, including an abstract not to exceed 350 words, must be prepared according to the Graduate School's thesis and dissertation guidelines available at the Graduate School website. The student will receive email confirmation from the Graduate School after the format has been approved. The final Graduate School approved dissertation must be submitted to the Graduate School in PDF electronic format on a CD in a case by the deadline as published in the Class Schedule along with a hard copy of the signature page with original signatures of the dissertation committee members. The signature page must be included in the PDF file but it should not be signed.

Doctoral candidates are also required to submit the Graduate School approved dissertation at the University Microfilms International website for on-line publication, <http://dissertations.umi.com/utep>. Dissertations are regarded as publications and will be made public once they are approved and submitted. On-line publication does not preclude subsequent publication of the dissertation, in whole or in part, as a monograph or in a journal. Copyright at the author's expense may be arranged through University Microfilms International. In order to protect patent or any other rights, the Graduate School may be requested to delay publication for a period of one year. This request must be supported by a written recommendation of the supervising professor.

M.A. Programs

The department offers two programs leading to terminal MA Degree: Clinical Psychology and General Experimental Psychology. Both MA degrees are research-focused and require theses. The Clinical MA program is designed to prepare students to either work in applied settings as a psychological associate or continue on to a Clinical Ph.D. Program. The General Experimental MA program is designed to prepare students to continue on to a Ph.D. program.

In both the Clinical and General Experimental MA programs,

- 1) students must orally defend their thesis before a thesis committee
- 2) all requirements must be completed within six years of entering the program
- 3) no more than 6 credit hours of approved upper-division undergraduate courses may count for graduate credit

The M.A. in Clinical Psychology requires the completion of 45 credit hours; including 21 hours of required course work, 15 hours of elective coursework, 3 hours of internship, and 6 hours of theses. The required courses for a Clinical M.A. degree are:

PSYC 5310	Applied Correlation and Regression
PSYC 5311	Experimental Design and Analysis of Variance
PSYC 5309	Psychopathology
PSYC 5321	Seminar in Personality Assessment
PSYC 5322	Theories and Methods of Psychotherapy
PSYC 5323	Psychometrics
PSYC 5333	Seminar in Intellectual and Neuropsychological Assessment
PSYC 5360	Clinical Internship

Two of the following five courses, taken within the first 3 semesters after being admitted to the Clinical MA program (6 semester hours)

PSYC 5371	Animal Learning and Behavior
PSYC 5372	Behavioral Neuroscience
PSYC 5374	Cognitive Psychology
PSYC 5376	Developmental Psychology
PSYC 5330	Social Behavior
PSYC 5398	Thesis
PSYC 5399	Thesis

The MA in General Experimental Psychology requires the completion of 30 credit hours, including 12 hours of required course work, 12 hours of elective coursework, and 6 hours of thesis. The required courses for a General Experimental M.A. degree are:

PSYC 5310	Applied Correlation and Regression
PSYC 5311	Experimental Design and Analysis of Variance
PSYC 5398	Thesis
PSYC 5399	Thesis
Two of the following five courses (6 semester hours)	
PSYC 5371	Animal Learning and Behavior
PSYC 5372	Behavioral Neuroscience
PSYC 5374	Cognitive Psychology
PSYC 5376	Developmental Psychology
PSYC 5330	Social Behavior

Departmental Academic Standards

In addition to the University requirement that all students admitted into graduate programs must maintain an overall cumulative GPA of 3.0 or better in all upper-division and graduate courses, the Department of Psychology requires in all graduate programs students who attempt a course or courses and receive two grades of "C" or lower in Psychology courses be dismissed from the program. Students who earn a grade of "C" or lower in a course must retake the course the next time it is offered and earn a grade of "B" or better.

Language

The University of Texas at El Paso's location on the U.S./Mexico border provides a nearly unique opportunity to investigate how language use, specifically proficiency in English and/or Spanish, affects cognitive processes. To investigate the importance of English/Spanish proficiency, it is essential that people comprehend and speak both languages. The psychology faculty, therefore, view language as an important and often necessary, methodological tool for conducting research and strongly encourages and promotes proficiency in both languages.

Transfer Students with Graduate Credit

Students accepted into the Ph.D. program with graduate credit from The University of Texas at El Paso (including the Psychology Department) or from another university must satisfy the same requirements as those beginning their Ph.D. graduate training in Psychology at UTEP without previously earned graduate credits. The student may petition the Graduate Program Committee to accept a maximum of 24 hours of graduate credit (excluding thesis hours) completed at UTEP or another institution. Approved credits will appear as Advanced Standing Credit on the Preliminary Plan of Study. Students who have taken PSYC 5301 (Research Applications) from UTEP prior to admission to the Ph.D. program may request that a maximum of 3 credit hours for this course be included in the 24 hours that may be counted toward their Ph.D. degree as long as those hours were not used to meet requirements for a previous or separate degree. The student must make a written request for Advanced Standing Credit to the Graduate Program Director. It is the student's responsibility to provide all evidence and material necessary for the Graduate Program Director to review the request. Advanced Standing Credits are subject to final approval from the Graduate School. Transfer students can only be considered for advancement to candidacy after they complete 2 academic semesters and all relevant requirements.

Course Information

For descriptions of course offerings, please click [here](#) and select **Psychology (PSYC)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Sociology and Anthropology

109 Old Main
(915) 747-5740
soci@utep.edu

CHAIRPERSON: Josiah Heyman

PROFESSORS EMERITI: Julius Rivera, Ellwyn Stoddard

GRADUATE FACULTY: Campbell, Carmichael, Collins, Curry, Daudistel, Grineski, Heyman, Howard, Lee, Luykx, Morales, Núñez, Rodríguez

The Department offers a Master of Arts degree in Sociology.

Requirements for Admission

1. Admission is based on the entire record of the applicant and availability of departmental resources.
2. Students must submit a completed admissions form to the UTEP graduate school, including references and statement of purpose, as well as transcripts and GRE scores.
3. A bachelor's degree from an accredited U.S. university or proof of equivalent education at a foreign institution. Generally, students should have a 3.0 (B) grade point average, or equivalent, particularly in sociology courses and over the last sixty hours of undergraduate work.
4. Students must submit scores from the graduate record examination (GRE). However, pursuant to Admission and Scholarship Policies for Graduate and Professional Programs, an applicant's performance on a standardized test may not be used in the admission or competitive scholarship process for a graduate or professional program as the sole criterion for consideration of an applicant or as the primary criterion to end consideration.
5. The department also grants a limited number of teaching and research assistantships to selected graduate students. Other forms of financial assistance are also available. For further information please contact the graduate advisor.

Official Graduate Record Examination (GRE) scores should be sent directly to Graduate Student Services.

Requirements for the Degree

The following are the requirements of the 33-hour MA in Sociology degree program:

1. Each candidate must take SOCI 5311 (Professional Development in Sociology), SOCI 5312 (Advanced Measurement and Inference), SOCI 5320 (Quantitative Methods), SOCI 5322 (Qualitative Methods), and SOCI 5328 (Social Theory), plus twelve semester hours of sociology or anthropology approved for graduate credit.
2. Each candidate must enroll in at least one semester in SOCI 5398 (Thesis I) and SOCI 5399 (Thesis II) and successfully propose and defend the thesis before a committee while enrolled in SOCI 5399. Each thesis course can only count once toward the total number of hours needed for the degree. Thesis committees consist of at least two departmental representatives and one member from outside the department.
3. Candidates may pursue a minor in anthropology. Candidates taking this option must obtain the consent of the graduate advisor and his/her thesis director, and may take up to 9 hours of anthropology courses from the list of advanced undergraduate courses approved for graduate credit. The plan of anthropology courses must be approved by the graduate advisor and thesis advisor, once assigned. Additional requirements are listed in item 4 below.
4. Undergraduate courses and independent studies approved for graduate credit will count toward the degree only by permission of the graduate advisor and thesis advisor, once assigned. To use an undergraduate course for graduate credit, the following additional work is required: additional reading of original scholarly books and articles above and beyond textbooks; additional written work such as research on specific topics or hypotheses, literature reviews, or identifying research problems in specific areas; and at least five additional meetings with the professor to discuss the added requirements and their completion.
5. Each candidate will submit a suitably bound thesis that must be approved by the candidate's committee and placed on file in the Department and two additional bound copies in the Graduate Student Services.
6. Candidates will be allowed only one grade lower than a "B" in coursework taken for graduate credit. No grade lower than a "B" will be accepted in a required course. Candidates must maintain a minimum 3.0 GPA.

Course Information

For descriptions of course offerings, please click [here](#) and select **Sociology (SOCI)**.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Theatre and Dance

371 Fox Fine Arts
(915) 747-5146
theatrearts@utep.edu

CHAIR: Joel Murray
PROFESSORS EMERITI: R. Milton Leech
GRADUATE FACULTY: Baker, Gorden, Gladstein, Haines, Murray, Nadel, Redman, Stoughton

For Graduate Students Only

The following Graduate Research Projects courses (5300-5307) are directed by members of the graduate faculty in specific topics of drama and theatre according to the student's interest and need, including such areas as aesthetics, history, critical theory, dramatic literature, design, management, and drama education. A course in this group may be taken a second time when the topic varies.

Course Information

For descriptions of course offerings, please click [here](#) and select **Theatre (THEA)**.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Women's Studies

233 Liberal Arts
(915) 747-5200
womenstudies@utep.edu
www.utep.edu/womens

DIRECTOR: Brenda Risch

PROFESSORS: Amaya, Armitage, Dailey, Dick, Fitzgerald, Gates, Gladstein, Martin, McGee Deutsch, Mansfield, Nigro, Staudt

ASSOCIATE PROFESSORS: Baker, Byrd, Clark, Coronado, Farah, Hatchett, Howard, Marchino, Rippberger, Smithey, Topp

ASSISTANT PROFESSORS: Abarca, Binggeli, Cohoon, Fernández, Garabano, Haines, Henderson, Leyva, Ramos, Romero, Smith, Sowards, Simon, Tafoya, Weaver, Wiebe

LECTURERS: Baker, Hibbert, Risch

Women and men are invited to participate in this interdisciplinary program that studies women, gender relations, and sexuality. Since its inception in the 1970's, women's studies scholarship has significantly revised every major discipline in the liberal arts curriculum, from history and literature, to art and political science. Feminist scholarship has also been the catalyst for new directions in research within other established academic fields such as science and business. Women's and gender studies courses offer students a rigorous education in feminist theory, diverse gender roles and sexual identities, the history of gender relations, economic and social policies affecting women, and in the creative work of women. Courses offered in the Certificate Program focus on issues of equality between women and men either nationally or globally, with particular emphasis on the U.S./Mexico border. The Women's Studies Program understands that knowledge is created both in and outside of the university; therefore, many courses integrate the insights and experiences of community activists, community organizations, and people in the El Paso/Juárez and greater border region.

While the Women's Studies Program was created in 1981, UTEP has offered undergraduate courses in women's studies since the early 1970's. The Graduate Certificate in Women's and Gender Studies, created in 2002, is available both to degree-seeking UTEP graduate students and to non-degree seeking professionals in the surrounding border area. To date, the program offers one interdisciplinary graduate course in women's studies; other courses applicable for the Certificate are cross-listed with other departments and deal with the impact of gender within specific disciplines, such as History, Public Administration, and Sociology, to name a few. Because of its interdisciplinary nature, the Certificate complements any field of study or profession, and it fosters the development of gender equality in scholarship and in the workplace.

Graduate Certificate in Women's and Gender Studies

Admission Requirements

The admission requirements for the graduate certificate are as follows:

1. Bachelor's degree with a minimum 3.0 GPA*
2. Acceptance by the Graduate School
3. Completed application form for the Certificate Program from the Women's Studies Program
4. An appointment with the advisor of the Certificate Program

Note: The advisor may extend conditional admission to students with less than a 3.0 GPA.

To complete a certificate in Women's or Gender Studies, students must complete at least 12 hours of courses from at least two different disciplines. One core course must be taken as part of the total 12 hours: WS 5300 Interdisciplinary Feminist Theory and Methodology.

The following list of courses has been approved for Women's and Gender Studies credit. The Women's Studies Director may approve courses for the Certificate that are not listed but contain a substantial women's and gender studies component.

English

ENGL	5320	Literary Criticism: Feminist and Queer Theory
ENGL	5325	Genre, Theory and Practice: Genre and Gender
ENGL	5327	Variable Topics in Contemporary Literature: Contemporary British Women Writers
ENGL	5327	Variable Topics in Contemporary Literature: Literature of Women of Color
ENGL	5350	Seminar, Special Topics: Women and Nature Writing
ENGL	5356	Seminar, Studies in American Literature Since 1860: American Women Writers

History

HIST	5305	Studies in U.S. History: Gender and Labor Movements
HIST	5309	Studies in Latin American History: Gender in Colonial Mexico
HIST	5374	Seminar in Borderlands History: Gender and Sexuality in the Borderlands
HIST	5377	Seminar in Latin American History: Women in Argentina

Liberal Arts Interdisciplinary Studies

(These courses may be tailored by women's studies faculty to fulfill the certificate)

MAIS	5350	History of an Idea
MAIS	5360	Contemporary Issues

Political Science

POLS	5311	Seminar in Racial, Ethnic, and Gender Politics in America
POLS	5357	Women and Men in Management

Sociology

SOCI	5330	Social Inequality
------	------	-------------------

Course Information

For descriptions of course offerings, please click [here](#) and select **Women's Studies (WS)**.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

College of Science

- [College of Science](#)
- [Master of Science in Bioinformatics](#)
- [Master of Science in Environmental Science](#)
- [Master of Science in Interdisciplinary Studies](#)
- [Biological Sciences](#)
- [Chemistry](#)
- [Geological Sciences](#)
- [Mathematical Sciences](#)
- [Physics](#)

Dr. Anny Morrobel-Sosa, Dean
Dr. Stephen Aley, Associate Dean
Dr. Nancy Marcus, Associate Dean

Bell Hall, Room 100
(915) 747-5536 (ph)
(915) 747-6807 (fax)
science@utep.edu

Degree Programs

PhD	Biological Sciences Computational Science Environmental Science and Engineering* Geological Sciences Materials Science and Engineering*
MS	Bioinformatics Biological Sciences Chemistry Environmental Science Geological Sciences Geophysics Mathematics Physics Statistics
MAT	Master of Arts in Teaching/Mathematics Master of Arts in Teaching/Science
MSIS	Interdisciplinary Studies/Science*

* Interdisciplinary Program







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

College of Science

The College of Science is the home of the University's first doctoral degree program, the Doctor of Geological Sciences, which was approved in 1974. In 1991, the designation of the degree was changed to Ph.D. in Geological Sciences. The College now offers the Ph.D. in Biological Sciences and also participates in two multidisciplinary Ph.D. programs. The Departments of Chemistry and Physics are participants in a program leading to the Ph.D. degree in Materials Science and Engineering and the Departments of Biological Sciences, Chemistry, Geological Sciences, and Physics are participants in a program leading to the Ph.D. degree in Environmental Science and Engineering. Information about admission to these programs and degree requirements is found in the Interdisciplinary Programs section of this catalog.

Doctor of Philosophy in Environmental Science and Engineering

The Ph.D. in Environmental Science and Engineering is an interdisciplinary doctoral program, coordinated by the Center for Environmental Resource Management (CERM) to prepare scientists and engineers to address the environmental issues facing this region, the nation, and the world. The program emphasizes a cross-disciplinary perspective to the understanding, management, and remediation of human impacts on the environment, with a particular focus on problems of the Southwest Border region. For information regarding admission and degree requirements, students should refer to the Interdisciplinary Programs section.

Doctor of Philosophy in Materials Science and Engineering

The Ph.D. in Materials Science and Engineering is an interdisciplinary doctoral program, coordinated by the Materials Research and Technology Institute (MRTI) to prepare scientists and engineers to address the rapidly expanding opportunities and problems created by emerging materials-related industries. The program emphasizes a cross-disciplinary perspective of this vital field with a range of skills linking materials, structure, properties, synthesis and processing, and performance. For information regarding admission and degree requirements, students should refer to the Interdisciplinary Programs section.

Master's Degrees

The College of Science offers eleven graduate degrees at the master's level. These include Master of Science (MS) degrees in Bioinformatics, Biological Sciences, Chemistry, Environmental Science, Geological Sciences, Geophysics, Mathematics, Physics, and Statistics. Five-year BS-MS programs are offered in Chemistry and Physics. The Department of Mathematical Sciences offers a Master of Arts in Teaching (MAT) with a major in Mathematics and the Office of the Dean houses a Master of Arts in Teaching (MAT) with a major in Science. For information regarding admission and degree requirements for these degrees, students should refer to the individual Department sections.

A Master of Science in Interdisciplinary Studies (MSIS) degree is available to students who wish to undertake interdisciplinary studies, which cannot be accommodated within the normal programs of the College's academic departments. Curricula in this program are individualized to meet the needs of students.

Computational Science

Bell Hall 322
(915) 747-6768
leti@utep.edu

PROGRAM DIRECTOR: Leticia Velazquez

GRADUATE FACULTY: Aley, Argaez, Baruah, Cabrera, Ceberio, Chessa, Choudhuri, Doser, Durandurdu, Fitzgerald, Fuentes, Kreinovich, Leung, Lopez, Miller, Modave, Nava, Novick, Pownuk, Ravelo, Sewell, Sha, Solin, Staniswals, Teller, Velasco, Velazquez, Williams

The University of Texas at El Paso offers studies leading to degrees of Doctor of Philosophy (Ph.D.) and Master of Science (M.S.) in Computational Science (CPS), operating under the direction of the College of Science. The program combines computer science, applied and computational mathematics, and science and engineering disciplines. CPS is an interdisciplinary program, crossing departmental and college boundaries, that yields an integrated knowledge-base for the effective solution of complex systems where computer usage plays a fundamental role. A CPS student is to acquire an integrated understanding of techniques such as mathematical modeling, algorithmic design, computer simulation, scientific visualization, statistical processing of large data sets, and high-performance computing on parallel and distributed systems.

Requirements for Admission

1. Bachelor's or master's degree in any field of mathematics, science, or engineering from an accredited institution in the United States, or proof of equivalent education in a foreign institution;
2. Demonstration of academic achievement and potential as indicated by the results of the Graduate Record Examination (GRE) and upper level undergraduate and/or graduate course work;
3. TOEFL score of at least 550 (paper-based), 213 (computer-based) for international applicants whose first language is not English or who have not completed a degree at a university in the U.S. or at another English-speaking institution;
4. A statement of academic and professional interests and goals from the applicant; and
5. Three letters of recommendation from people knowledgeable of the field

Prospective students who have insufficient skills in mathematics, natural sciences, computers, and programming should contact the Program Director to discuss procedures leading to acceptance into the program. Students who will not be fully prepared for the Ph.D. program may be admitted to the M.S. program.

All entering students will be assigned one Core Faculty Advisor who will help them prepare a study plan and submit it to the CPS Program Committee for approval. A CPS student is expected to maintain an overall cumulative grade point average of 3.0 or better, and in order to complete the program must take at least 6 hours in each of the following areas: computer science, mathematics, and science/engineering classes.

Degree Requirements

The following chart describes the program credit hours required for each degree.

Program Credits	Ph.D.	MS Thesis	Master (Professional, Non-Thesis)
Core	7	7	7
Prescribed Electives	12	12	12
Free Electives	21	3	12
Research	24	3	3
Dissertation/Thesis	6	6	0
Total	70	31	34
Requirements	Dissertation, Defense & CPS 6396	Thesis, Defense	Internship & CPS 5330

Each degree includes completion of Core courses CPS 5401 and CPS 5310, and four Prescribed Electives chosen from: CS 5334, CS 5350, CS 5336, MATH 5302, MATH 5385, MATH 5320, MATH 5330, MATH 5343, MATH 5345, PHYS 5325, RINF 5351, RINF 5352, GFOP 5336, GFOP 5352, EE 5371, EE 5372, CE

5302, MATH 5303, MATH 5305, MATH 5306, MATH 5310, MATH 5315, MATH 5316, MATH 5320, CHEM 5321, CHEM 5322, GEOL 5326, GEOL 5327, EE 5371, EE 5372, EE 5307, ME 5302, and ME 5312. Free Electives may be chosen from: CS 5310, CS 5340, CS 5317, CS 5351, CS 5353, CS 5354, CS 5382, CS 5383, MATH 5310, MATH 5311, MATH 5314, MATH 5315, MATH 5335, MATH 5346, MATH 5386, MATH 5392, MATH 5385, MATH 5388, MATH 5391, MATH 6311, MATH 6345, BIOL 5328, BINF 5341, BINF 5354, BIOL 5316, GEOP 5353, GEOP 5460, GEOL 5375, PHYS 5365, PHYS 5371, EE 5301, EE 5310, EE 5370, EE 5376, EE 5377, EE 5379, and ME 5390. Courses taken and not used to satisfy the Prescribed Electives requirement can be used to satisfy the Free Electives requirement. A doctoral student entering with a M.S. degree must take only 6 to 15 credit hours of free electives, at the discretion of the CPS Core Advisor. The final exams in the Core and Prescribed Electives may be used as qualifying exams. A doctoral student failing any of the qualifying exams will be required by the CPS Program Committee to do one of the following: (1) leave the program; (2) repeat that particular qualifying exam(s) the following year; (3) take a make-up exam(s) within 4 weeks; or (4) opt for continuing with an academic or professional master's degree. A student qualifying to continue work towards the Ph.D. will choose a dissertation topic and advisor(s) chosen from the CPS Core Faculty.

Course Information

For descriptions of course offerings, please click [here](#) and select **Computational Science (CPS) or Science (SCI)**.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Master of Science in Bioinformatics

138 Bell Hall
(915) 747-8484
bioinformatics@utep.edu

PROGRAM DIRECTOR: Ming-Ying Leung

The Master of Science in Bioinformatics is a Professional Science Master's (PSM) degree designed with the concept of training science professionals as part of the national effort in developing PSM degrees to enhance our future economy through promoting innovations in science and technology. Bioinformatics is an interdisciplinary science that offers unique opportunities for individuals with diverse backgrounds to learn and collaborate with others. There is an increasing demand for well-trained bioinformatics professionals capable of developing computational tools integrated with experimentation for solving complex biological problems. In addition to required coursework, students attend the weekly bioinformatics colloquium series, with research seminars and professional training workshops, and complete an internship at a bioinformatics company or research institution. Training areas include genomics data analysis, molecular modeling, and online database development, preparing graduates for various technical fields in agriculture, biodiversity and environmental science, cancer research, drug design, genetic and infectious diseases, and health data management.

Requirements for Admission

In addition to the general requirements for admission into a graduate program as specified by the Graduate School, applicants must separately submit to the Bioinformatics Admissions Committee via the Program Director: 1) a completed Bioinformatics Program Application, 2) unofficial copies of transcripts, GRE/TOEFL scores, 3) a brief statement summarizing professional goals, and 4) at least two letters of recommendation.

Prior to making a recommendation on acceptance to the Graduate School, the Bioinformatics Admissions Committee will review the academic preparation of applicants. Unconditional admission requires a completed bachelor's degree that includes satisfactory undergraduate coursework experiences in biology, chemistry, computer science, mathematics, and statistics. This foundation is represented by the following UTEP courses and their several underlying prerequisites (or by the equivalent experience at other institutions):

BIOL	3414	Molecular Cell Biology
CHEM	4330	Biochemistry: Structure and Function
CS	2402	Data Structures
MATH	2300	Discrete Mathematics
STAT	2380-2182	Statistical Methods and its laboratory

Course descriptions and prerequisites of these courses are provided in the UTEP Undergraduate Catalog. Because this suite of foundation courses is seldom met by traditional undergraduate curricula, potential applicants should make early inquiry of the Program Director for consultation on its expeditious completion.

Degree Requirements

The Master of Science degree in Bioinformatics consists of 40-41 graduate hours comprised of required courses and electives drawn from a restricted menu. The program of study is intended to be a course-intensive experience requiring two years of full-time academic work, including a summer internship in the public or private sector between the first and second years. The internship is required of all students in the program and it may be counted as a 3 credit hour elective course. Thesis is an option but not a requirement for this degree.

I. Internship

The student is responsible for securing an internship offer from an academic, industry, or government institution which is a current or potential employer of bioinformatics professionals. For the internship to count towards the Master of Science degree in Bioinformatics, the student must obtain pre-approval from the Bioinformatics Program Committee before the start of the internship. An evaluation form will be sent to the employer at the end of the internship and the student must receive a grade of "Satisfactory" or better in order to fulfill the internship requirement of this degree.

II. Courses

1. Required courses and seminars (28 semester hours):

BINF	5341	Analysis and Modeling of Biological Structures
BINF	5351	Introduction to Bioinformatics I: Basic Sequence Comparisons
BINF	5352	Introduction to Bioinformatics II: Gene Finding and Genomic Comparison
BINF	5354	Post-Genomic Analysis
BIOL	5328	Structure and Function of Macromolecules
STAT	5328	Introduction to Statistical Analysis
MIT	5310	Fundamentals of Computers
MIT	5314	Data Base Applications

Plus 4 credit hours of seminars chosen from:

BINF	5110	Biology Seminar for Bioinformatics
BINF	5111	Chemistry Seminar for Bioinformatics
BINF	5112	Computer Science Seminar for Bioinformatics
BINF	5113	Mathematics Seminar for Bioinformatics

2. In addition, students will take a total of 12 or 13 semester hours chosen from the list of courses below, and they should take courses from lists b) and

c) only after they have completed 18 semester hours in the program. No more than 6 hours from list b) can be counted towards the M.S. in Bioinformatics degree.

a) Regular courses

BIOL	5316	Biosystematics
BIOL	5326	Advances in Immunological Concepts
BIOL	5329	Physiology of the Bacterial Cell
BIOL	5342	Synthesis and Degradation of Macromolecules
BIOL	5343	Mechanisms of Cellular Toxicity
BIOL	5344	Molecular Pathogenesis

BIOL	5344	Molecular Pathogenesis
CHEM	5329	Contemporary Topics in Organic Chemistry
CHEM	5339	Contemporary Topics in Biochemistry
CHEM	5342	Physical Biochemistry
CS	5334	Parallel and Concurrent Programming or
MIT	5328	Applied Multiprocessing Computing

(Only one of CS 5334 or MIT 5328 can count as an elective for the M.S. degree in Bioinformatics)

CS	5336	Scientific and Program Visualization
CS	5341	Advanced Computer Architecture
CS	5350	Advanced Algorithms
CS	5351	Interval Computations
CS	5353	Topics in Emerging Computing Paradigms
CS	5383	Topics in Software Assurance
MATH	5330	Computational Methods of Linear Algebra
MATH	5335	Techniques in Optimization
MIT	5316	Web-Based Computing
MIT	5328	Applied Multiprocessing Computing
STAT	5336	Analysis of Categorical Data
STAT	5386	Stochastic Processes
STAT	5388	Multivariate Data Analysis
STAT	5390	Nonparametric Statistics
STAT	5391	Time Series Analysis
STAT	5392	Statistical Computing

All CS and MIT electives require prior approval from the Department of Computer Science before enrollment.

b) Project/Internship courses.

BINF	5353	Bioinformatics Internship
BIOL	5302	Research in the Biological Sciences
CHEM	5396	Graduate Research in Chemistry
CS	5391	Individual Studies
CS	5396/7	Graduate Projects
MATH	5396	Graduate Research
STAT	5396	Graduate Research

c) Thesis courses. Six hours of thesis courses BINF 5398 and BINF 5399 may be taken in place of regular elective course in list a) above to count towards the M.S. in Bioinformatics degree. All University requirements for Master's theses apply.

d) A maximum of up to six credit hours of approved advanced undergraduate courses in biology, chemistry, computer science, mathematics, or statistics. Only undergraduate courses which are listed as applicable towards graduate degrees by the Graduate School can be counted towards the M.S. in Bioinformatics degree (see Graduate Catalog listings under individual Departments). Approval from the Graduate Advisor is required.

3. With the approval of the Bioinformatics Program Committee and the Graduate School, up to 6 semester hours of graduate work may be transferred from another accredited institution to replace equivalent courses listed in 1 and 2 a) above. Only credit hours that have not been counted towards a previously awarded degree are allowed to be transferred.

Course Information

For descriptions of course offerings, please click [here](#) and select **Bioinformatics (BINF)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Master of Science in Environmental Science

207-A Geology Building
(915) 747-5554
esci@utep.edu

PROGRAM DIRECTOR: Carl Lieb
PROGRAM COORDINATOR: Joel Gilbert

Requirements for Admission

The admission requirements include: (1) a bachelors degree in a science or engineering discipline, (2) a statement of purpose outlining the prospective student's area of interest within environmental science, (3) three letters of recommendation, and (4) GRE scores. Foreign students who have not completed a degree at an English speaking university are required to take the TOEFL exam and must obtain the minimal score specified by the Graduate School for admission into graduate programs.

Degree Requirements

Each student must complete at least 30 hours including 24 hours in organized courses, and a thesis (6 hours). The curriculum must include the ES core courses. However these can be replaced with electives depending on the student's prior experience and B.S. coursework. Specific courses will be established by each student's Advisory Committee. A maximum of 6 hours may be taken in independent studies classes and 6 hours may be taken in upper division undergraduate classes after approval from the program. No more than 6 semester hours of elective courses can be taken from departments outside the Colleges of Science and Engineering. Up to six semester hours of graduate work may be transferred from another accredited institution. All course work transferred from other institutions requires approval of both the graduate studies committee and the Graduate School. Courses for which a grade of "C" or lower was earned may not be transferred. Correspondence courses are also not accepted for graduate credit.

All students must register for ESCI 5101 each semester they are in residence. All candidates are required to pass an oral defense of their thesis in an open forum. Candidates must submit a draft of the thesis at least 7 days prior to the defense date.

Semester Hour Requirements

Semester Credit Hour Requirements	
Environmental Science Core	13
Electives	11
Thesis research	6
Total (SCH)	30

Foundation courses

Courses required of all students in the proposed program:

Environmental Science Core (13 semester hours)	
ESCI 5101	Graduate Seminar (must be taken 2 times)
<i>Two courses from the following:</i>	
ESCI 5401	Environmental Biology
ESCI 5402	Environmental Chemistry
ESCI 5403	Environmental Geology
<i>One course from the following:</i>	
POLS 5380	Selected Problems in Government
ENGL 5312	Technical Writing Proseminar
ENGL 5315	Professional Writing Seminar

Courses freely elected by students (11 semester hours)

Students must complete at least 11 semester hours of elective courses. No more than 6 semester hours of approved upper-division undergraduate course work may be taken and no more than 6 semester hours may be in directed study course work.

Thesis Research (6 semester hours required)

ESCI 5398	Thesis Research
ESCI 5399	Thesis Research

Course Information

For descriptions of course offerings, please click [here](#) and select **Environmental Science (ESCI)**.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Master of Science in Interdisciplinary Studies

207-A Geology Building
(915) 747-5554
esci@utep.edu

PROGRAM DIRECTOR: Carl Lieb
PROGRAM COORDINATOR: Joel Gilbert

The Master of Science in Interdisciplinary Studies (MSIS) program is designed to satisfy the need for interdisciplinary graduate programs of study, which cannot be accommodated within the confines of the normal graduate programs of the University's academic departments. Typical interdisciplinary courses of study include Arid Region Studies, Environmental Science, Resource Management, Engineering Management, Materials Science, curricula in Computer Applications, and others. All such interdisciplinary programs require courses from the offerings of several different departments. The curricula under the MSIS program are individually tailored to the needs of each student.

Requirements for Admission

In addition to the other Graduate School entrance requirements, including a satisfactory score on the GRE, applicants for the MSIS program must submit a letter outlining their proposed areas of study and their graduate education goal. Upon the receipt of the application documents and letter, an evaluation is made to determine the Program's ability to satisfy the needs of the applicants. Upon acceptance of the applicant into the program, a Guidance Committee, made up of at least three graduate faculty members from different departments, is selected by the Program Director and approved by the Graduate School to guide the student in his or her program. Faculty selected will normally have interests and expertise in the student's proposed field of study. The committee, in consultation with the student, determines courses for the individual study plan. This committee normally also acts as the student's examination committee.

Special Requirements for the MSIS Degree

The MSIS degree requires 36 hours of course work; at least 27 of these hours must be selected from graduate-level courses. The individually designed curriculum must include courses from the offerings of at least three different departments with no more than 15 hours in the department of highest course concentration and no more than 12 hours of credit from any other single department. At least half of all semester hours credited toward the degree must be selected from graduate credit courses offered by science and/or engineering departments.

Up to 6 hours of graduate-level individual instruction problem-solving courses may be used to satisfy degree requirements. Students enrolled in such courses are expected to submit a report of the work accomplished. If the student desires and the Guidance Committee concurs, this report may be bound and presented in the form of a thesis.

The individualized curricula are composed of courses listed under the various individual departmental offerings in this catalog.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Biological Sciences

2.120 Biosciences Bldg.
(915) 747-5844
biology@utep.edu

CHAIRPERSON: Robert A. Kirken

GRADUATE FACULTY: Aguilera, Aley, Almeida, Arenaz, Cox, Das, Ellzay, Freeman, Garza, Goldstein, Gosselink, Harris, J. Johnson, K. Johnson, Kirken, Kan-Mitchell, Lieb, Llano, Loughheed, MacKay, Maldonado, Miller, Miranda, Shpak, Tweedie, Walsh, Worthington, Zhang

The Department of Biological Sciences offers a Master of Science degree and a Doctor of Philosophy degree in Biological Sciences.

Master of Science in Biological Sciences

Requirements for Admission

1. Bachelor's degree from an accredited institution in the United States or proof of equivalent education at a foreign institution
2. Undergraduate degree in biology or a related field and at least eight semester hours of general chemistry
3. Competitive scores in the Verbal, Quantitative and Analytical Writing components of the Graduate Record Examination (GRE)
4. Competitive TOEFL score for international applicants whose first language is not English or who have not completed a university degree in the U.S. or other English-speaking institution

Requirements for the Master's Degree in Biological Sciences

A minimum of 30 semester hours to include:

1. Completion of 6 semester hours of Thesis (BIOL 5398-BIOL 5399)
2. A minimum of 21 semester hours of graduate-level work (may include thesis)
3. A minimum of 3 semester hours of Seminar (Biology 5130) or equivalent Special Topics Seminar courses
4. A maximum of 9 semester hours of approved upper-division undergraduate work
5. A maximum of 6 semester hours of BIOL 5302 or BIOL 5502 (Research in the Biological Sciences) to count toward degree
6. A maximum of 6 semester hours in an area of concentration

A thesis based on original work is required and must be defended orally. The student should decide on an area of specialization and select a supervising professor within the first semester or 12 semester hours of admission. The supervising professor will act as chairperson of the thesis committee, which will be comprised of a minimum of three graduate faculty members, including one from outside the Department of Biological Sciences.

Ph.D. in Biological Sciences

The educational objective of the doctoral program in Biological Sciences is to prepare students for research on the pressing pathobiological problems of the region, with an emphasis on (1) the pathogenesis of infectious diseases, (2) the toxic and carcinogenic effects of environmental pollutants, and (3) neurological and metabolic disorders.

Requirements for Admission

1. Bachelor's degree from an accredited institution in the United States or proof of equivalent education in a foreign institution
2. Undergraduate degree in biology or a related field and successful completion of:
 - a. two semesters of organic chemistry with lab
 - b. one semester of calculus
 - c. course work in physiology, ecology, evolutionary theory, microbiology, cell biology, biochemistry, and genetics
3. Competitive scores in the Verbal, Quantitative, and Analytical Writing components of the Graduate Record Examination (GRE)
4. Personal statement of research and professional interests
5. Three letters of recommendation indicating endorsement of the applicant for doctoral study
6. Competitive TOEFL score for international applicants whose first language is not English or who have not completed a university degree in the U.S. or other English-speaking institution. Successful candidates typically have scores above 550/computerized TOEFL 213.

Requirements for the Ph.D. Degree in Biological Sciences

A minimum of 72 semester hours beyond the Bachelor's degree to include:

1. 36 semester hours of course work and seminars
2. 30 semester hours of dissertation research
3. 6 semester hours of dissertation (BIOL 6398 and BIOL 6399)

With Department approval, students entering the program with a Master's degree may count up to 24 semester hours of graduate course work as advanced standing toward the Ph.D. degree. Students with deficiencies in biochemistry, cell biology, microbiology, physiology, genetics, ecology, or evolutionary theory will be required to take additional course work to remove the deficiencies.

Ph.D. Curriculum

1. Required course work (16 semester hours)

BIOL	5130	Biological Sciences Seminar (taken 3 times)
BIOL	5131	Ethical, Social, and Political Dimensions of Science
BIOL	5328	Biostatistics

BIOL	5340	Structure and Function of Macromolecules
BIOL	6301	Environmental Pathobiology
BIOL	6310	Advanced Research Techniques

2. Additional requirements include two of the following, one of which must be at the doctoral (6000) level (6-7 semester hours)

BIOL	5326	Advances in Immunological Concepts
BIOL	5346	Ecosystem Toxicology
BIOL	5360	Limnology
BIOL	6303	Gene Regulation
BIOL	6304	Physiological Regulatory Mechanisms
ESE	6404	Environmental Biology

3. Electives

Additional course work to total a minimum of 36 semester hours

4. Dissertation research (30 semester hours minimum)

Options include:

BIOL	6390	Independent Research
BIOL	6490	Independent Research
BIOL	6590	Independent Research
BIOL	6690	Independent Research

5. Dissertation (6 semester hours)

BIOL	6398
BIOL	6399

Admission to Candidacy

The student must pass a qualifying oral examination in order to advance to candidacy for the doctorate. This exam will be designed to assess the candidate's knowledge and understanding of the material covered in the core courses as well as the candidate's ability to rationally discuss the design, implementation, and analysis of a research problem of the student's and the committee's choosing. The Preliminary Examination Committee will determine whether the student displays sufficient breadth of knowledge and understanding of basic principles to undertake original research.

Dissertation

A dissertation demonstrating both the ability to do original independent research and competence in scholarly exposition will be required of all students. The dissertation must present original research and should provide the basis for one or more publishable contributions to the research literature. The dissertation will be supervised by the Dissertation Advisor, in consultation with a Dissertation Committee consisting of at least three additional members, at least one of whom must be a graduate faculty member from outside the Department of Biological Sciences. The candidate will present a dissertation proposal for approval by the Dissertation Committee.

Final Oral Examination

Upon completion of the dissertation, the student must defend, in public, his or her work. The Dissertation Committee will be responsible for administering the final public oral defense and will have the responsibility of determining whether the written dissertation and its oral presentation and defense are acceptable.

Course Information

For descriptions of course offerings, please click [here](#) and select **Biology (BIOL)** or **Interdisciplinary Science Courses (SCI)**.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Chemistry

201A Physical Science Building
(915) 747-5701 (ph)
(915) 747-5748 (fax)
chemistry@utep.edu
www.chemistry.utep.edu

CHAIRPERSON: Jorge Gardea-Torresdey

GRADUATE FACULTY: Becvar, Bernal, Chianelli, Davis, Dirk, Eastman, Ellzey, Gardea-Torresdey, Lee, Michael, Mto, Narayan, Noveron, Pannell, Salvador, Saupe, Xiao

Doctor of Philosophy in Chemistry

The Chemistry department administers the Doctor of Philosophy in Chemistry which consists of 72 credit hours beyond the bachelor's level (or at least 42 hours beyond the master's level). The program will provide opportunities for education and research in areas consistent with the strengths of department faculty and established research initiatives. The program is designed to prepare professional chemists for careers in teaching and research in academic, industrial and public sector settings. It will contribute to meeting an anticipated need for doctorally-trained chemists, particularly Hispanics, in industry and in academe. The border region location also places the UTEP program to collaborate with locally-based industry to exploit the opportunities for commercialization of research results.

Requirements for Admission to the Ph.D. Program

Admissions recommendations will be based upon review of an applicant's academic record and other relevant performance indicators, set out in the following list, as to the potential for academic success.

1. Bachelor's degree in chemistry or in a related science discipline from an accredited institution in the United States or proof of equivalent education in a foreign institution
2. Official transcripts of all previous academic work.
3. Official scores on the Graduate Record Examination (GRE).
4. Official TOEFL scores of 550 or higher for international applicants whose first language is not English or who have not completed a university degree in the U.S. or other English-speaking institutions.
5. Three letters of recommendation from individuals who are qualified to assess the applicant's potential for doctoral work.
6. A personal statement setting out the applicant's reasons for wishing to pursue a Ph.D. in Chemistry at UTEP and future career plans
7. Curriculum Vitae

Requirements for the Ph.D. Degree

A total of 72 semester credit hours beyond the Bachelor's degree will be required for this degree. Students who previously earned a Master's degree in Chemistry may, at the discretion of the admissions committee, be awarded up to 30 hours of credit toward the doctoral degree. Each student's case will be individually evaluated to determine whether additional courses may be required. In order to qualify for Ph.D. candidacy students have to pass cumulative exams by the end of their second year in graduate school. In their third year of graduate studies Ph.D. students will take the comprehensive exam, which consists of two parts: Part A, presentation of the student's research project; and Part B, presentation of an original research idea, which should be distinct from the student's research project but may be in the same area of chemistry

Credit Hour Requirements

Core Chemistry Graduate Courses	15 hours
Elective Graduate Courses in Chemistry or Allied Fields-as approved by the student's Dissertation committee	9 hours
Graduate Seminar	4 hours
Departmental Seminar	6 hours
Teaching Practicum	2 hours
Doctoral Research	30 hours
Dissertation	6 hours

Required Doctoral Courses

1. Core Chemistry Graduate Courses: (15 credit hours)

Each student must take five courses in the chemistry core distributed as follows. The courses will be selected in consultation with the student's advisor and the program director.

- At least 3 courses (9 hours) from the following:

CHEM	5318 (6318)	Advanced Analytical Chemistry
CHEM	5321 (6321)	Advanced Organic Chemistry I
CHEM	5331 (6331)	Advanced Biochemistry
CHEM	5351 (6351)	Advanced Physical Chemistry I
CHEM	5361 (6361)	Advanced Inorganic Chemistry I

- Two courses (6 hours) from the following:

a.	The two remaining core courses listed above or
b.	CHEM 5322 (6322) Advanced Organic Chemistry II
	CHEM 5352 (6352) Advanced Physical Chemistry II
	CHEM 5319 (6319) Contemporary Topics in Analytical Chemistry

CHEM	5329 (6329)	Contemporary Topics in Organic Chemistry
CHEM	5339 (6339)	Contemporary Topics in Biochemistry
CHEM	5341 (6341)	Analysis and Modeling of Biological Structures
CHEM	5359 (6359)	Contemporary Topics in Physical Chemistry
CHEM	5369 (6369)	Contemporary Topics in Inorganic Chemistry

2. Elective Graduate Courses in Chemistry or Allied Fields-as approved by the student's dissertation committee: (9 credit hours)

Each student in accordance with the overall program requirements will develop a degree plan in consultation with her/his supervisor and the program director appropriate to her/his specific interests and academic needs. A minimum of nine hours must be in courses that are directly related to the student's research field, as approved by the student's research director.

The required nine hours of elective courses may be selected from the graduate offerings of the Chemistry department and other UTEP departments and programs. With the approval of the student's advisor and the program Director, a student may take undergraduate courses in science fields (that have been approved for graduate credit) to fulfill this requirement. Graduate students in such courses will be expected to do additional work appropriate to graduate-level training.

3. Graduate Seminar (4 credit hours)

Doctoral student are expected to participate in the 1 hour Graduate Seminar Course. They must enroll in the course at least four times. This course will be designed to promote professional development. It will include a wide variety of topics in the areas of scientific information retrieval, laboratory safety, research ethics, oral and written presentation of research results and writing grant proposals. Attention will also be given to providing the students with current information and advice on career opportunities, writing job applications and how to conduct themselves at interviews.

4. Department Seminar (6 credit hours)

All graduate students, in residence, are required to enroll in and attend the weekly seminars that feature accounts of current research by outstanding investigators in chemistry and related scientific areas.

5. Teaching Practicum (2 credit hours)

All doctoral candidates will be required to earn two hours of credit, team-teaching undergraduate (or graduate) courses with an experienced faculty member. Students will also be encouraged to participate in the professional development programs focusing on preparing future faculty and professionals offered through the Graduate School and the Center for Effective Teaching and Learning.

6. Doctoral Research (30 credit hours)

Candidates for a Ph.D., must earn credit for at least 30 semester credit hour of original research in some recognized branch of chemistry. The candidate must work under the guidance of a faculty supervisor. The purpose of the program is to enable the candidates to develop the skills and knowledge to enable them to carry out an independent program of research.

Career Practicum: Credit may, with concurrence of their research director, be given for students to spend a semester in another academic, an industrial or governmental environment to permit them to explore possible career options.

7. Doctoral Dissertation (6 credit hours)

All graduates must complete a dissertation that is a substantial work of original scholarship. The dissertation shall contain an introduction that describes the general area of chemical scholarship and clearly identifies the purpose of the investigation. The research shall have led to new knowledge of a standard worthy of publication in a major refereed journal. If previously published articles are to be included in the dissertation, it must be made clear how much the candidate has contributed. Sufficient detail of the nature of the work performed should be provided such that it should be possible for a qualified reader to repeat each step. In cases involving potential patents, all or part of the dissertation may be embargoed for specified periods of time, following accepted university policies. Candidates must defend their dissertations successfully. Part of the defense proceeding will be open to the public.

CHEM	6398	Dissertation
CHEM	6399	Dissertation

A copy of the dissertation in PDF or Word electronic format must be submitted to the Graduate School for format check prior to the scheduled defense date. The dissertation, including an abstract not to exceed 350 words, must be prepared according to the Graduate School's thesis and dissertation guidelines available at the Graduate School website. The student will receive email confirmation from the Graduate School after the format has been approved. The final Graduate School approved dissertation must be submitted to the Graduate School in PDF electronic format on a CD in a case by the deadline as published in the Class Schedule along with a hard copy of the signature page with original signatures of the dissertation committee members. The signature page must be included in the PDF file but it should not be signed.

Doctoral candidates are also required to submit the Graduate School approved dissertation at the University Microfilms International website for on-line publication, <http://dissertations.umi.com/utep>. Dissertations are regarded as publications and will be made public once they are approved and submitted. On-line publication does not preclude subsequent publication of the dissertation, in whole or in part, as a monograph or in a journal. Copyright at the author's expense may be arranged through University Microfilms International. In order to protect patent or any other rights, the Graduate School may be requested to delay publication for a period of one year. This request must be supported by a written recommendation of the supervising professor.

Course Information

For descriptions of course offerings, please click [here](#) and select **Chemistry (CHEM)**.

Master of Science in Chemistry

The Department of Chemistry offers studies leading to the degree of Master of Science in Chemistry with experimental and/or theoretical research in the following fields of specialization: analytical, biochemistry, environmental, inorganic, organic, organometallic, physical, chemical physics, and materials science.

Requirements for Admission to the Master's Program

1. Bachelor's degree in chemistry or in a related science discipline from an accredited institution in the United States or proof of equivalent education in a foreign institution
2. Official transcripts of all previous academic work.
3. Official scores on the Graduate Record Examination (GRE).
4. Official TOEFL scores of 550 or higher for international applicants whose first language is not English or who have not completed a university degree in the U.S. or other English-speaking institutions.
5. Three letters of recommendation from individuals who are qualified to assess the applicant's potential for doctoral work.
6. A personal statement setting out the applicant's reasons for wishing to pursue a Ph.D. in Chemistry at UTEP and future career plans
7. Curriculum Vitae

Requirements for Master's Degree in Chemistry

In addition to the institutional requirements for a Master of Science degree, the candidate must also meet the following stipulations: a minimum of 21 of the required 30 hours of credits must be in courses at the graduate level. Credits must include at least one graduate-level course in three of the five areas of organic chemistry, physical chemistry, inorganic chemistry, analytical chemistry, or biochemistry. The candidate must also enroll in CHEM5195 during each semester of residence. Not more than one hour of CHEM5195 may be counted toward the 30 credit hour requirement. The normal program for the MS degree in Chemistry may include 6 hours of supporting work from approved fields. A program of specialization in chemical physics may be elected with the permission of the graduate advisor. Such a program may include, within the required 30 hours of credits, up to 12 hours in the related fields (e.g., Physics, Mathematics). Courses of study are designed for each student in consultation with the advisor. Each student must confer with the graduate advisor prior to each registration. The thesis presented for this degree must describe original work related to a research problem of some importance. The thesis must be defended orally.

Five-Year BS-MS Program

The curriculum for the BS degree in Chemistry can be completed in three and one-half years. After admission to the Graduate School of the University, it is possible to obtain the MS degree at the end of the fifth year of study in Chemistry. Qualified students should consult their academic advisor about the course of study and about the various forms of financial assistance obtainable through this program.

Course Information

For descriptions of course offerings, please click [here](#) and select **Chemistry (CHEM)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Geological Sciences

101 Geological Sciences
(915) 747-5501
mail@geo.utep.edu

CHAIRPERSON: Diane I. Doser

PROFESSORS EMERITUS: Kenneth F. Clark, G. Randy Keller, Jr., David V. LeMone, Robert Schmidt

GRADUATE FACULTY: Anthony, Borrok, Doser, Ellis, Gill, Goodell, Hurtado, Langford, Miller, Pavlis, Pingitore, Serpa, Velasco

The Department of Geological Sciences offers a Doctor of Philosophy (PhD) degree in Geological Sciences and the Master of Science (MS) degree in Geological Sciences and in Geophysics (in collaboration with the Department of Physics).

MS Degree in Geological Sciences

Requirements for Admission

1. Bachelor's degree from an accredited institution in the United States or proof of equivalent education in a foreign institution
2. Undergraduate degree in geology, with no deficiencies in science courses required for the BS degree in Geological Sciences at UTEP; prospective MS students whose BS degree was not in the geological sciences should contact the Graduate Advisor to discuss procedures leading to acceptance into the program
3. Submission of official Graduate Record Examination (GRE) scores
4. TOEFL score of at least 550 (paper-based), 213 (computer-based) for international applicants whose first language is not English or who have not completed a university degree in the U.S. or at other English-speaking institutions

Requirements for Degree

Students must complete 30 semester hours including a thesis (six hours). At least 21 hours must be in graduate-level courses (a maximum of 6 hours may be in Directed Study course work and a maximum of 9 semester hours may be in approved upper-division undergraduate course work). Work in supporting fields is not specifically required. However, course work in supporting fields will often be included in a student's program of study with the approval of the Graduate Advisor and the Graduate School. All candidates are required to enroll in GEOL 5101 every semester they are in residence. All candidates are required to pass an oral defense of their thesis investigation in an open meeting. Draft copies of the thesis must be submitted to the thesis committee no less than 14 days prior to the defense. Two complete copies of the thesis in PDF electronic format, turned in on floppy disk, zip disk, or CD, must be turned into the Graduate School for the semester in which the student intends to graduate. See "Thesis Requirements" in General Degree Requirements in this catalog. One unbound copy and a PDF or Word electronic copy also must be submitted to the student's departmental Graduate Advisor.

MS Degree in Geophysics

Requirements for Admission

1. Bachelor's degree from an accredited institution in the United States or proof of equivalent education in a foreign institution
2. Undergraduate degree in geology or geophysics, with no deficiencies in science courses required for the BS degree in Geophysics at UTEP; prospective MS students whose BS degree was not in the geological sciences should contact the Graduate Advisor to discuss procedures leading to acceptance into the program
3. Submission of official Graduate Record Examination (GRE) scores
4. TOEFL score of at least 550 (paper-based), 213 (computer-based) for international applicants whose first language is not English or who have not completed a university degree in the U.S. or at other English-speaking institutions

Requirements for Degree

Students must complete 30 semester hours including a thesis (6 hours). At least 21 hours must be in graduate-level courses (a maximum of 6 hours may be in Directed Study course work and a maximum of 9 semester hours may be in approved upper-division undergraduate course work). Work in supporting fields (a minor) is not specifically required. However, course work in supporting fields will often be included in a student's program of study with the approval of the Graduate Advisor and the Graduate School. All candidates are required to enroll in GEOL 5101 every semester they are in residence. Students should also consult the Department of Physics section for additional requirements.

All candidates are required to pass an oral defense of their thesis investigation in an open meeting. Draft copies of the thesis must be submitted to the thesis committee no less than 14 days prior to the defense. Two complete copies of the thesis in PDF electronic format, turned in on floppy disk, zip disk, or CD, must be turned into the Graduate School for the semester in which the student intends to graduate. See "Thesis Requirements" in General Degree Requirements in this catalog. One unbound copy and a PDF or Word electronic copy also must be submitted to the student's departmental Graduate Advisor.

Time Limits and Catalog Changes

All requirements for an MS in Geological Sciences or Geophysics must be completed within one six-year period. Work more than 6 years old is lost and can be reinstated only by special permission of the Graduate School upon recommendation of the Departmental Committee on Graduate Studies.

General and specific requirements for degrees in the Graduate School may be altered in successive catalogs. Provided the requisite course continues to be offered, the student is bound only by the course requirements of the catalog in force at the time of admission, unless, with the approval of the Graduate School, he or she elects to be bound by the course requirements of a subsequent catalog. This regulation applies to course requirements only.

Ph.D. in Geological Sciences

Requirements for Admission into the Doctoral Program

1. Master's degree in the Geological Sciences, or Bachelor's degree in the Geological Sciences plus 30 hours of post-bachelor's study in the geological sciences from an accredited institution in the United States or proof of equivalent education in a foreign institution; students who hold a master's or bachelor's degree from an accredited, or engineering, institution and intend to make up all deficiencies in their geological background are encouraged to contact the Graduate Advisor to discuss procedures leading to acceptance into the program
2. Submission of official Graduate Record Examination (GRE) scores
3. Three letters of reference
4. TOEFL score of at least 550 (paper-based)/213 (computer-based) for international applicants whose first language is not English or who have not completed a university degree in the U.S. or at other English-speaking institutions

Requirements for Doctoral Candidacy

1. Removal of all academic deficiencies
2. Completion of at least three-fourths of the required credit hours in Geological Sciences and supporting fields

2. Completion of at least three-fourths of the required credit hours in Geological Sciences and supporting fields
3. Successful completion of the prescribed Comprehensive Examination (Parts I and II)
4. Approval for Candidacy by the Graduate School upon the recommendation of the Comprehensive Examination Committee

Requirements for Degree

1. Minimum of 60 semester hours of graduate study beyond the baccalaureate degree or minimum of 30 semester hours of graduate study beyond the Master's degree
2. Maximum of 12 semester hours of Directed Study course work in the 60-hour program, 6 semester hours in the 30-hour program
3. Enrollment in GEOL 5101 (Graduate Seminar) each term of residence
4. Maximum of 9 semester hours of approved upper-division undergraduate course work; successful completion of the Comprehensive Examination (Parts I and II)
5. Dissertation of 6 semester hours including successful oral defense (GEOL 6320, GEOL 6321)

Foreign Language/Computer Programming Language

Proficiency in a foreign language and/or computer programming language will be required by a student's dissertation committee when it is necessary for the successful completion of the student's dissertation.

Committees

For each master's candidate, the committee will consist of three members of the graduate faculty, two from the Department of Geological Sciences and one from outside the department. For each doctoral candidate, a Doctoral Committee will consist of the dissertation advisor, at least three professors in the Department of Geological Sciences, and at least one scientist or engineer from outside the Department of Geological Sciences—all of whom are members of the graduate faculty and are approved by the Graduate School. The total committee shall consist of at least five individuals.

Examinations

The Graduate Advisor will appoint a Comprehensive Examination Committee to administer the Comprehensive Examination. The Comprehensive Examination will normally be taken after removal of all deficiencies and completion of most of the course work. Any student who fails the Comprehensive Examination twice shall be barred from further consideration for Doctoral Candidacy.

Dissertation

A doctoral dissertation is required. This dissertation must demonstrate the candidate's capacity for originality and independence in recognizing a significant geological problem, in carrying out an effective investigation, and in interpreting and reporting the results. The subject of the dissertation is to be selected in consultation with the dissertation advisor, and it must be approved by the student's Doctoral Committee and by the Graduate School. The dissertation advisor is to supervise the research work and to consult with other members of the Doctoral Committee on the progress of the work. The candidate is required to defend the dissertation before the faculty of the University in an open meeting under the supervision of his Doctoral Committee.

Draft copies of the dissertation must be submitted to the Doctoral Committee 14 days before the defense and any suggested corrections must be made. A copy of the dissertation in PDF or Word electronic format must be submitted to the Graduate School via the University Microfilms International website (umni.bepress.com), for a format check. This must be submitted prior to the deadline date published in the *Class Schedule* for the semester in which the student intends to graduate. See "Dissertation Requirements" in General Degree Requirements of this catalog. One unbound copy and a PDF or Word electronic copy also must be submitted to the student's departmental Graduate Advisor.

Microfilming of Dissertation

The doctoral candidate who has successfully completed all requirements for the degree is required to pay the cost of microfilm reproduction of the complete dissertation. The signed original copy (unbound) of the doctoral dissertation is sent from the Graduate School to University Microfilms, Ann Arbor, Michigan, for reproduction.

With the dissertation, the student must also submit to the Graduate School two copies of an abstract, not to exceed two pages in length (double-spaced), which has been approved in final form by the Doctoral Committee. This will be published in *Dissertation Abstracts International*.

Publication by microfilm does not preclude subsequent publication of the dissertation, in whole or in part, as a monograph or in a journal. Copyright at the author's expense may be arranged, if desired, by completing a special form to be secured in the Graduate School. In order to protect patent or any other rights, the Graduate School may be requested to delay publication by microfilm for a period of one year. This request must be supported by a written recommendation of the supervising professor.

Time Limits and Catalog Changes

All requirements for a Ph.D. in Geological Sciences must be completed within one eight-year period. Work more than eight years old is lost and can be reinstated only by special permission of the Graduate School upon recommendation of the Departmental Committee on Graduate Studies. Furthermore, all requirements for the doctorate must be completed within five years after passing the comprehensive examination.

General and specific requirements for degrees in the Graduate School may be altered in successive catalogs. Provided the requisite course continues to be offered, the student is bound only by the course requirements of the catalog in force at the time of admission or re-admission within an eight-year limit, unless, with the approval of the Graduate School, he or she elects to be bound by the course requirements of a subsequent catalog. This regulation applies to course requirements only.

Course Information

For descriptions of course offerings, please click [here](#) and select **Geology (GEOL) or Geophysics (GEOP)**.





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Mathematical Sciences

124 Bell Hall
(915) 747-5761
mathdept@math.utep.edu

CHAIRPERSON: Maria Christina Mariani

GRADUATE FACULTY: Argaez, Djafari-Rouhani, Dogan-Dunlap, Duval, Foged, Guthrie, Khamsi, Knaust, Lesser, Leung, Lim, Mariani, Marcus, Mendez, Moschopoulos, Pownuk, Rosen, Schwab, Sha, Sewell, Staniswalis, Tchoshanov, Valdez-Sanchez, Velazquez, Wagler, Wojciechowski, Yi

The Mathematical Sciences Department at UTEP offers a program of instruction and research leading to MS degrees in the areas of pure and applied mathematics and in statistics and a MA degree in Teaching of Mathematics (MATM) with a major in mathematics. The department also houses the Professional Master degree in Bioinformatics and participates in the Master and PhD programs in Computational Sciences.

Requirements for Admission

1. Bachelor's degree from an accredited institution in the United States or proof of equivalent education in a foreign institution
2. Undergraduate degree in mathematics
3. TOEFL score of 550 or higher for international applicants whose first language is not English or who have not completed a university degree in the U.S. or other English-Speaking institution
4. Two letters of reference.

Departmental Requirements for MS Degree

For the MS degree, both thesis and non-thesis options are available. The thesis option requires 24 semester hours of course work plus the completion of the six-semester hour thesis. The non-thesis option requires 36 semester hours of course work including MATH 5396 or STAT 5396. In either case, a maximum of nine semester hours of approved upper-division undergraduate courses are acceptable. Particular courses of study for the MS must be approved by the departmental committee on graduate studies. The passing of a comprehensive examination is required. All full-time MS students must enroll in MATH 5195 or STAT 5195 each semester in residence excluding summers.

Specific Requirements for the Master's Degree in Mathematics

Specific course requirements for the MS in Mathematics are MATH 5331, MATH 5351, and STAT 5380.

Specific Requirements for the Master's Degree in Statistics

Specific course requirements for the MS in Statistics are STAT 5380, STAT 5381, STAT 5385, STAT 5388, MATH 5321, and MATH 4326. Comprehensive examinations must be passed in Mathematical Statistics (STAT 5380-81) and Applied Statistics (STAT 5385-88).

Departmental Requirements for the MAT Degree

Prior to admission, students must have completed the calculus sequence together with 12 semester hours of advanced courses in Mathematics (3300 or 4300-level). The student's GPA for these 12 hours must be at least 3.0. (Students with a bachelor's degree, who do not satisfy these requirements, must first enroll in the post-baccalaureate program at UTEP.) Since the degree is intended for current and future high school teachers of Mathematics, it is desirable that the student will have obtained a teaching certificate in Mathematics upon completion of the program. (Teaching certification courses are not part of the MAT program; students should consult the College of Education section for such information.)

The Master of Arts in Teaching degree with a major in Mathematics is available in both a thesis (recommended) and a non-thesis option. The thesis option requires 24 hours of course work plus the completion of a six-semester hour thesis in Mathematics Education, while the non-thesis option requires 36 hours of course work. A maximum of nine of these hours may be taken from the 3300 and 4300-level courses listed below. Each student must have his or her courses approved by the Graduate Advisor in order to ensure adequate breadth of courses in the mathematical sciences. Any student in the non-thesis option is expected to conduct research, and graduate with a research paper approved by the faculty with whom MATH 5396 is taken.

Study Plan: At most, 9 hours of undergraduate courses are taken from the list below. At least 15 hours plus 6 hours of thesis work (or 27 hours for the non-thesis option) of Graduate courses: 6-9 hours must be taken from MATH 5360, MATH 5365, or appropriate courses in the College of Education. Other suggested courses: MATH 5311, MATH 5321, MATH 5325, MATH 5351, and STAT 5380.

Course Information

For descriptions of course offerings, please click [here](#) and select **Mathematics (MATH) or Statistics (STAT)**.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Physics

210 Physical Science
(915) 747-5715
physics@utep.edu

CHAIRPERSON: Vivian Incera

GRADUATE FACULTY: Baruah, Botez, Castro-Colin, Durandurdu, Fitzgerald, Hagedorn, López, F. Manciu, M. Manciu, Ravelo, Saez, Suskavcevic

The Department of Physics offers studies leading to the degree of Master of Science in Physics with experimental and/or theoretical physics research in atmospheric physics, biophysics, computational physics, material science, geophysics, medical physics, nuclear, and physics education, and surface physics.

Through a cooperative program with the Geological Sciences Department, the Master of Science in Geophysics is offered. For details, students should contact the Graduate Advisor of the Physics Department.

General Departmental Requirements

The normal prerequisite to graduate studies in the Department of Physics is the bachelor's degree in physics with a "B" average in physics courses taken at the undergraduate level. The bachelor's degree course work should include advanced undergraduate courses in Mechanics, Electromagnetics, Modern Physics, Quantum Mechanics, Thermal Physics, and advanced laboratory practice. Any deficiency must be removed before the petition is made for candidacy for the MS degree.

Master of Science in Physics

The department offers a program of courses and research leading to the MS degree in physics. Two routes are available. Plan 1 requires 30 semester hours of credit: 24 hours of course work plus a 6-hour thesis (PHYS 5398 and PHYS 5399). Plan 2 requires the favorable recommendation of the Physics Department Graduate Studies Committee and 36 hours of course work including the successful completion of a research problem (PHYS 5391) with a written report submitted to the department.

Requirements for Plan 1 are a minimum of 24 semester hours of graduate work including thesis. Specific courses required are PHYS 5321, PHYS 5325, PHYS 5341, PHYS 5361, PHYS 5365, PHYS 5371, PHYS 5398, and PHYS 5399.

Requirements for Plan 2 are a petition stating the reason for the alternate route and a minimum of 27 semester hours of graduate work. Specific courses required are PHYS 5321, PHYS 5325, PHYS 5341, PHYS 5361, and PHYS 5391.

Students must have their course program approved by the graduate advisor each semester. The student will choose, in consultation with the graduate advisor, a chairperson of the research committee and at least two additional committee members, who will supervise the thesis or research problem. One member of this committee must be from outside the Physics Department. These choices should be made and approved by the department Graduate Advisor and by the Graduate School before the student has completed two semesters of graduate work.

The candidate for the MS degree in Physics may have no more than two grades of "C" for courses used to fulfill the requirements of the degree and must pass a final examination, which will include an oral defense of the thesis or research problem.

Course Information

For descriptions of course offerings, please click [here](#) and select **Physics (PHYS)**.







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

School of Nursing

- [School of Nursing](#)

Dr. Elias Provencio-Vasquez, Dean
Dr. Kristyna Robinson, Assistant Dean for Graduate Education

1101 N. Campbell (915) 747-8217 (ph)
(915) 747-8266 (fax)
son@utep.edu

Degree Programs

MSN Nurse Practitioner
Nurse Clinical Specialist: Concentration in Education
Nursing Systems Management

Certificate Programs

Evidence-Based Practice: Graduate Certificate
Post-Master's Program: Family Nurse Practitioner Concentration
Healthcare Leadership and Management: Graduate Certificate
Nurse Education Series: Graduate Certificate







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

School of Nursing

The School of Nursing offers a Master of Science in Nursing (MSN) graduate degree and various certificate programs.

Students enrolling in the Master of Science in Nursing degree program may elect majors in nurse clinical specialist (concentration in education), nurse practitioner (concentrations in adult/gerontology with an acute care focus, family, and pediatrics) Registered Nurses may apply for an accelerated RN to MSN program. These nursing degree programs are accredited and qualify students for national certification in their specialty. A Health Care concentration is available with the Master's of Business Administration (MBA) degree offered by the College of Business Administration. Certificate Programs include a nurse educator certificate, an evidence-based practice certificate, a health care leadership and management certificate and a post-masters nurse practitioner certificate with concentration in family, pediatrics, or acute care adult/geriatrics.

Students may also attend classes offered on the UTEP campus to obtain a Master's in Public Health from The University of Texas Health Science Center, Houston.

1101 N. Campbell, Room 711
(915) 747-8217
(866) 747-8219 Toll Free
son@utep.edu

DEAN: Dr. Elias Provencio-Vasquez

ASSOCIATE DEAN FOR GRADUATE EDUCATION: Dr. Kris Robinson

PROFESSORS: Amaya, Provencio-Vasquez

PROFESSOR EMERITUS: Reynolds

ASSOCIATE PROFESSOR: Martinez, Robbins, Robinson

ASSOCIATE PROFESSOR EMERITUS: Lantican

CLINICAL ASSOCIATE PROFESSORS: Beeman, Pierson

ASSISTANT PROFESSORS: Kao, , McKee, Monsivais, O'Connor

CLINICAL ASSISTANT PROFESSORS: Edmonds, Farnsworth, Lambert, Sharp

CLINICAL INSTRUCTORS: Reveles, Solis

The Graduate Program in Nursing has national accreditation through the [Commission on Collegiate Nursing Education \(CCNE\)](#), the agency that accredits the majority of baccalaureate and higher nursing degree programs. Students completing the Graduate Program in Nursing earn a degree leading to the Master of Science in Nursing (M.S.N.) as an administrator, an educator, or a nurse practitioner.

The mission of the School of Nursing is to prepare caring professional nurses to address multiple complex human needs in a bi-national and multicultural community. The curriculum of the Graduate Program in Nursing prepares professional nurses for advanced leadership through enhanced practice, clinical scholarship including evidence-based practice and role expansion. Enhancement of practice occurs through augmentation, refinement, and application of knowledge and theory. Supervised evidence-based projects enhance students' clinical inquiry and research skills. Role expansion occurs through advanced practice in the clinical, educational, and management arenas and function to improve health care delivery, access, and quality; and, increase professional responsibilities to society.

Prior to admission in the graduate nursing program, applications and official transcripts are sent to the Graduate School for evaluation. Final decisions regarding admission are made by the Dean of the Graduate School upon the recommendation of the Graduate Studies Committee within the School of Nursing. Applicants for specific majors are evaluated based on academic history, experience, letter of intent, and interview (if required).

Students are admitted into the **Nurse Clinician Specialist (concentration in education) and Nursing Systems Management** on a rolling basis. Due to the competitive nature and limited available clinical placements, students are admitted into the **Nurse Practitioner major** twice a year. Once admitted, nurse practitioner students may be required to travel up to three hours one way and travel to campus up to three times per semester to fulfill clinical requirements. . . Acute care nurse practitioner students will be required to travel to Houston or another location for two weeks to precept at approved ACNP clinical sites. Contact gradnursing@utep.edu for specific information regarding deadlines and requirements.

Master of Science in Nursing (MSN)

The Master of Science degree in Nursing (M.S.N.) prepares professional nurses for post-graduate roles in a variety of advanced practice and specialty areas. Graduates have increased autonomy and independence in their practice and are eligible to apply for national certification. The degree of Master of Science in Nursing provides the graduate the opportunity to:

1. Synthesize theory and concepts from nursing and other disciplines for applications in the care of clients;
2. Provide advanced nursing care based upon in-depth client assessment in an area of specialization;
3. Evaluate ethical, moral, and legal precepts in client care;
4. Design culturally competent interventions based on current, valid evidence;
5. Analyze public policy and issues that affect advanced nursing practice and health care delivery systems;
6. Collaborate with other disciplines to provide care in a variety of settings;
7. Integrate peer review and/or peer guidance in advanced practice;
8. Participate in leadership and development of the profession; and
9. Enhance the basis for life-long learning and/or doctoral study.

MSN Applicants have the choice of three majors: a) Nurse Clinical Specialist with concentration in education; b) Nurse Practitioner with concentrations in adult/gerontology with an acute care focus, family, and pediatrics; and c) Nursing Systems Management. Total required semester hours vary from 33 to 49. Interested nurses apply online through the Graduate School website (<https://academics.utep.edu/graduate>) and send official transcripts directly to the Graduate School. After individual evaluation, the Dean of the Graduate School upon recommendation of the Graduate Studies Committee makes the final decision regarding admission.

Requirements for Admission

1. Completed [application](#) for graduate school at UTEP and a Bachelor's degree from an accredited college or university in the United States or equivalent education at a foreign institution -OR
Alternative admission: Associate's degree in nursing from an accredited nursing program. These applicants **must** first complete undergraduate application and the following undergraduate courses: a) State of Texas core courses, b) pre-professional nursing courses, and c) the five RN-BSN courses with a grade of "B" or better. Once undergraduate courses are completed, students apply to graduate school and request acceptance into a nursing graduate major (Bachelor of Science in nursing degree **not** awarded).
2. Current registered nurse license in good standing in state or country where clinical or practicum coursework is completed
3. Satisfactory score on TOEFL as defined by the graduate school for international applicants whose first language is not English or who have not completed a university degree in the U.S.

4. Demonstration of academic achievement and potential as indicated by upper level undergraduate or graduate coursework
5. Letter of intent (LOI) that includes
 - a. A personal goal statement demonstrating fit with specific major and concentration for which student is applying
 - b. Experience with underserved populations (including community service) and other skills, talents, or unique abilities essential to preferred advanced nursing role and concentration
6. Current resume identifying appropriate objective related to graduate education

Length of program depends on major and varies from 33 to 49 semester credit hours (SCH). Students requesting thesis option enroll for an additional 6 SCH that are taken as independent studies. Students should contact the Assistant Dean of Graduate Nursing for further information (<mailto:gradnursing@utep.edu>). Applications are considered on an individual basis and are reviewed by the Graduate Studies Committee of the School of Nursing.

Compliance Requirements for MSN Program

Once admitted, students provide a) documentation of administrative compliance requirements, such as background check, copy of current license and CPR, liability coverage (purchased through bursar's office), directly to the Compliance Officer; and b) health records, such as immunizations and annual TB testing, to the Student Health Center. Compliance must remain current throughout the semester in which the student enrolls or the student risks being dropped from courses.

Degree Requirements for the Master of Science in Nursing

The School of Nursing attempts to accommodate flexibility in course offerings with respect to weekend, evening, and summer classes and online delivery. Courses with enrollment of less than seven individuals are subject to cancellation. Graduate students must maintain a GPA of 3.0 ("B" average) in order to remain in good academic standing. Additionally, any graduate nursing student achieving less than a B in any of the Graduate Core or Advanced Practice Core courses must repeat the course and earn a grade of B or better. *Students earning two "C" grades in any graduate nursing course will be dismissed from the Graduate Nursing Program. Students earning a grade of "D" or "F" in any graduate nursing course will be dismissed from the Graduate Nursing Program.*

All degree requirements for the MSN must be completed within six years.

Thesis and Non-thesis Options

Both thesis and non-thesis options are available. Students electing the non-thesis option must successfully complete an oral comprehensive examination at the end of their coursework. Those students who elect the thesis option must complete an additional 6 hours of electives, a pilot study, and an oral defense.

Majors with semester credit hours (SCH)

Nurse Clinician-Educator Concentration (36 Semester Credit Hours)

Graduate Core Hours (9 Semester Credit Hours)

NURS 5310 Nursing Theories and Processes
 NURS 5370 Research Methods I
 NURS 5338 Health Law, Policy and Ethics

Advanced Practice Core Courses (9 Semester Credit Hours)

NURS 5303 Advanced Health Assessment
 NURS 5319 Advanced Pathophysiology
 NURS 5362 Pharmacotherapeutics

Nurse Education Core (9 SCH)

NURS 5345 Curriculum Development
 NURS 5347 Effective Teaching Strategies
 NURS 5348 Evaluation of Learning

Synthesis Core (9 SCH)

NURS 5423 Evidence Based Practice I (incl 45 practicum hours)
 NURS 5524 Evidence Based Practice II (incl 90 practicum hours)

Nurse Practitioner Major

All nurse practitioner concentrations are 49 semester credit hours in length for students seeking M.S.N. degree. Available concentrations include a) adult/gerontology with an acute care focus (ACNP), b) family with community focus (FNP), and c) pediatrics with community focus (PNP). In addition, the SON offers a post-master's certificate that ranges from 29-31 hours for all concentrations (see table below). Clinical practicum time varies from a minimum of 610-720 hours based on concentration and acquisition of competencies essential to practice. All nurse practitioner majors must complete the three core and three advanced practice core courses prior to starting clinical courses. Once students are admitted into a specific NP concentration, they must meet with their advisor and develop a plan of progression. Due to the competitiveness of the major and limited clinical slots, students who deviate from their plan of study for any reason will be dropped from the clinical cohort and must reapply to the NP major.

Course #	Courses	ACNP	FNP	PNP
Graduate Core: 9 credits				
NURS 5310	Nursing Theories and Process	X	X	X
NURS 5370	Research Methods I	X	X	X
NURS 5338	Health Law, Policy and Ethnics	X	X	X
Advanced Practice Core: 9 credits				
NURS 5303	Advanced Health Assessment	X*	X*	X*
NURS 5319	Advanced Pathophysiology	X*	X*	X*
NURS 5362	Pharmacotherapeutics	X*	X*	X*
Specialty Courses: 31 hours				
NURS 5254	Advanced Practice Nursing Role	X**	X**	X**
NURS 5260	Advanced Skills	X**	optional	X**
NURS 6380	Advanced Diagnostics	X**	optional	X**
NURS 5412	Childbearing / Childrearing Health		X**	X**
NURS 5312	Childbearing / Childrearing Health Practicum		X**	X**
NURS 5602	Adult and Geriatric Health	X**	X**	
NURS 5302	Adult and Geriatric Health Practicum	X**	X**	
NURS 5658	Pediatric Chronic Health Care			X**
NURS 5358	Pediatric Chronic Health Practicum			X**
NURS 5461	Acute & Critical Illness in Adults	X**		
NURS 5361	Acute & Critical Illness Adult Practicum	X**		
NURS 5472	Advanced Practice Clinical (180 hours)	X**	X**	X**
NURS 5472	Advanced Practice Clinical (180 hours)	X**		X**
NURS 5672	Advanced Practice Clinical (270 hours)		X**	
	Elective 3 credits		X	

Nursing Systems Management (33 Semester Credit Hours)

Graduate Core Courses (9 Semester Credit Hours)

NURS 5310 Nursing Theories and Processes
 NURS 5338 Health Law, Policy and Ethics
 NURS 5370 Research Methods I

Concentration Courses (18 Semester Credit Hours)

NURS 5300 Organization Theory and Culture
 NURS 5335 Management Roles and Operations
 NURS 5337 Health Care Financial Management
 NURS 5365 Managing Health Care Outcomes
 NURS 5366 Managing Diverse Work Teams

*NURS 5339 Nursing Management Practicum (includes 90 practicum hours)

Certificate Programs

In addition to the post-master's certificate for the NP concentrations, the SON offers three graduate certificates in nursing education, evidence-based practice, and health care leadership and management. Each certificate is 9 semester credit hours and consists of two or three graduate courses.

Requirements for Admission:

1. Admission to the graduate school as a certificate student and approval of the Assistant Dean for Graduate Education in the School of Nursing.
2. During the application process, students will be asked to enter a code identifying major or certificate they wish to complete.
3. The code for each of the certificates is listed after the title below.
4. The code for the post-master's certificate as a nurse practitioner is PMSN; in addition, NP applicants will be asked to choose a concentration. See NP major above.

Grade Requirement: Students must earn a "B" or better in each of the 3 courses (2 courses in the Evidence-Based Practice Certificate) in order to earn the Graduate Certificate. Single courses may be taken for elective credit; however, the certificate would be granted only on completion of the 9 hour sequence.

Evidence-based Practice Certificate (9 SCH)

This post-baccalaureate certificate series is designed for nurses or other health care professionals who desire to increase skills and knowledge in evidence-based practice. Focus is on developing and implementing the evidence-based practice skills necessary to translate research into practice for the overall purpose of safe and effective health care. Nurses completing this certificate program will be eligible to apply for the Nurse Clinical Specialist (concentration in education) leading to a Master of Science degree in nursing. Practicum hours may be completed in the agency where students work.

Required Courses:

NURS	5423	Evidence-Based Practice I
NURS	5524	Evidence-Based Practice II

Health Care Leadership and Management Certificate (9 SCH)

This post-baccalaureate certificate series is designed for nurses or others in healthcare administration or planning to move into an administrative role. Focus is on the development or enhancement of leadership and management skills, especially those related to finance, such as development and managing a budget or identifying critical benchmarks and measuring outcomes. Nurses completing this certificate program will be eligible to apply for the Nursing Systems Management (NSM) Concentration leading to a Master of Science degree in nursing.

Required Courses:

NURS	5335	Management Roles and Operations
NURS	5337	Health Care Financial Management
NURS	5365	Managing Health Care Outcomes

Nurse Educator Certificate

This certificate program consists of 3 on-line graduate nursing courses and is designed to address the shortage of nursing faculty in nursing programs and to enhance the skills of practicing nurses as preceptors and facilitators of staff development or providers of patient education. Nurses completing this certificate program will be eligible to apply for the Nurse Clinician Educator (NCE) Concentration leading to a Master of Science degree in nursing.

Required Courses

NURS	5347	Effective Teaching Strategies
NURS	5345	Curriculum Development
NURS	5348	Evaluation of Learning

Post-Master's Nurse Practitioner Certificate

For information related to the Post-Masters Nursing Certificate, students should consult the Graduate School section, under Certificates and Non-Degree Programs.

Post-Master's Nursing Certification is available for persons with a Master's degree in nursing who wish to be eligible to take the certification examinations in an advanced practice area for which they were not prepared in their original program. The plan of study will be individualized after review of official transcripts. No degree is awarded; however, awarding of the certificate will be noted on the official transcripts from UTEP. Contact the Assistant Dean for Graduate Education for more information.

Student Employment

Student employment is a personal decision; however, it is up to the student to arrange the work schedule so as not to interfere with classes and clinical practica requirements. Classes are offered in a variety of time periods throughout the year to assist the students in minimizing conflicts.

Course Information

For descriptions of course offerings, please click [here](#) and select **Nursing (NURS)**.

* prerequisites for post-master's certificate **post-master's certificate





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

University College

What's Inside

- [Intelligence and National Security Studies](#)
- [Leadership Studies](#)
- [Public Administration](#)

Dr. Dennis L. Soden, Dean
Ms. Lisa Tomaka, Assistant Dean
Mr. Mark Gorman, Assistant Dean

Kelly Hall, Room 414
(915)747-5151 (ph)
(915)747-7974 (ph)
(915) 747-7948 (fax)





This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Intelligence and National Security Studies

University College
Kelly Hall 414
(915) 747-7974

COORDINATOR: Larry Valero
GRADUATE FACULTY: Aldouri, Gorman, McCune, Schauer, Soden, Telless, Valero

Master of Science in Intelligence and National Security Studies

The Master of Science in Intelligence and National Security Studies provides professional graduate education in an interdisciplinary program intended for students seeking employment or career advancement in federal and private organizations delivering services in the growing fields of intelligence, national and homeland security, international relations and business. The curriculum focuses on the application of specific intelligence and security competencies to virtually all of the academic disciplines offered at UTEP.

Requirements for Admission

1. Submission of official transcripts according to the requirements of the Graduate School.
2. Bachelor's degree from an accredited college or university.
3. Demonstration of academic achievement and potential as indicated by the results of the Miller Analogies Test or the Graduate Record Examination (GRE).
4. A one- to two-page statement of purpose that addresses educational and career goals and reasons for pursuing a MS degree.
5. Three letters of recommendation from instructors, job supervisors or others in a position to evaluate your ability to succeed in the MS program.
6. (International students only) A score of 550 on the TOEFL and an in-person or telephone interview.

Requirements for the MS Degree

For the MS degree, both thesis and non-thesis options are available. The thesis option requires an additional three (3) hours of course work for a total of 42 semester hours. The non-thesis (capstone) option requires completion of at least 39 semester hours of course work consisting of the following:

1. Twenty one (21) semester hours of required courses emphasizing geopolitics, national security strategies, intelligence bureaucracy and history, political science, foreign policy, international economics, risk analysis and decision making, intercultural awareness and research methodology:

PAD	5340	Pro-Seminar in Homeland Security
INSS	5302	Pro-Seminar in Intelligence and National Security
PAD	5351	Applied Statistics
PAD	5342	Risk Analysis
INSS	5303	Legal Issues in Intelligence and National Security
COM	5335	Intercultural/International Communication
INSS	5390	Capstone
2. Nine hours of prescribed and free elective courses as follows:
Research Methods and Statistics (3 semester hours)
Select courses in World Politics/Foreign Policy (6 semester hours from POLS 5330, POLS 5331, POLS 5332, POLS 5334, POLS 5338, POLS 5339, and POLS 6303). Other courses may satisfy this requirement with department approval.
3. Completion of an additional nine hours of approved courses in an area of concentration developed by the student and advisor. This may consist of approved course work from a variety of areas (generally a cohesive concentration within a discipline, i.e. international finance, international economics, and comparative economics, or across disciplines by topic, i.e. international health issues, epidemiology, and health economics)
4. The final program requirement is completion of the capstone course, INSS 5390 (3 semester hours) or thesis courses INSS 5398 and INSS 5399 (6 semester hours) with successful defense of a thesis.

Graduate Certificate in Intelligence and National Security

This certificate program is designed to familiarize students with issues in national security law, intelligence and security needs, problems of security risk confronted by private and governmental organizations, and how governments and other organization communicate with each other and work jointly on security matters. Inter-jurisdictional and inter-governmental aspects of security issues concerning infrastructure, travel and transport, immigration and other similar matters will be emphasized. The program is valuable for students interested in understanding the complex world of security bureaucracy, intelligence, and organizational cooperation in security matters, and for those students seeking careers in governmental and private agencies employing security technology, methodology, and services. Students are required to complete fifteen hours of required courses. Any UTEP graduate student in good academic standing is eligible for enrollment in the Graduate Certificate in intelligence and National Security Studies.

Certificate Admission Requirements

The Graduate Certificate in Intelligence and National Security is designed for working and mid-career professionals who already hold a baccalaureate or graduate degree and are interested in further professional education. Applicants must complete the graduate school application and provide an official transcript. Students may be classified as non-degree seeking students or have the certificate program incorporated into the degree requirements appropriate to their department and after meeting all program requirements for admission. Students who complete the Graduate Certificate in Intelligence and National Security and decide to pursue a graduate degree at a later date may apply to the appropriate graduate program and request that the units become part of their program at admission.

Required Courses (15 semester hours)

INSS	5302	Pro-Seminar in Intelligence and National Security
INSS	5303	Legal Issues in Intelligence and National Security
PAD	5342	Risk Analysis
PAD	5363	Intergovernmental Relations
INSS	5390	Capstone

Course Information

For descriptions of course offerings, please click [here](#) and select **Intelligence National Security Studies (INSS)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Leadership Studies

University College
Kelly Hall, Rm. 414
(915) 747-7974

DIRECTOR: Dennis Soden
GRADUATE FACULTY: McDonald, Posthuma, Soden, Weaver, Witherspoon
CONTRIBUTING FACULTY: Cuadrado, Dalton
ADJUNCT FACULTY: Conary, Little, McElroy, Olmedo

Master of Arts in Leadership Studies

The Master in Leadership Studies (MLS) is a program preparing its graduates for positions of responsibility in education, military, private industry, government and the not-for-profit sectors dedicated to the improvement of both the substance and processes of leadership in a variety of roles. The Master in Leadership Studies degree provides professional education for students interested in leadership careers. The interdisciplinary program is designed to stress the knowledge, skills, values, and behaviors essential to the successful organizational leader. Some flexibility in curriculum is permitted to meet the diverse educational needs of students at different points of time in their careers and in need of specialization in light of their career goals. The curriculum components are designed to produce professionals capable of intelligent and creative analysis, communication, and action in leadership functions.

Requirements for Admission

1. Submission of transcripts according to the requirements of the Graduate School.
2. Bachelor's degree from an accredited college or university.
3. Demonstration of academic achievement and potential as indicated by the results of the Miller Analogies Test or the Graduate Record Examination (GRE) and upper level undergraduate and graduate coursework.
4. A one- to two-page statement of purpose that addresses educational and career goals and reasons for pursuing a MLS degree.
5. Three letters of recommendation from instructors, job supervisors or others in a position to evaluate your ability to succeed in a MLS program.
6. For international students, a score of 600 on the TOEFL and an in-person or telephone interview.

Requirements for the MLS Degree

Completion of at least 33 semester hours of course work consisting of the following:

1. At least 24 hours of courses in the theoretical, methodological, and technical aspects of Leadership studies.

MLS	5300	Essentials of Leadership
MLS	5310	Assessing and Evaluating Leadership: Leadership Colloquium
MLS	5320	Leadership Principles and Practice: A Management Perspective
MLS	5330	Leadership Principles and Practice, Leading Change: A Communication Perspective
PAD	5350	Organizational Theory & Behavior
PAD	5300	Research Methods
PAD	5351	Applied Statistics for Public Administrators
MLS	5350	MLS Leadership Studio – Capstone
2. Completion of an additional 9 hours of approved courses in an area of concentration developed by the student. Areas of concentration may be chosen from any area of the curriculum, to include, but not limited to, Financial Management, Human Resource Management, Public Administration, Economic Development, Communication, Health Administration, Border and International Administration, Not-for-Profit Administration, and Urban and Regional Planning. No more than 3 hours of electives can be at the undergraduate level in courses approved for graduate-level credit.
3. The final program requirement is completion of the capstone course, MLS 5350 Leadership Studio- Capstone (3 semester hours).

Master of Arts in Leadership Studies Concentrations

Examples of possible concentration areas consisting of three courses (9 credit hours) are:

A. Public Administration

Students selecting the Public Administration concentration must elect three of the following courses:

PAD	5310	Public Policy Process and Institutions
PAD	5311	Economic Analysis for Public Administrators
PAD	5352	Public Budgeting and Financial Management
PAD	5353	Human Resources Management
PAD	5364	Public Participation and Democratic Process
PAD	5365	Policy Analysis and Decision Making

B. Economic Development

The Economic Development concentration consists of two required courses and one elective. Students selecting this concentration must also have completed all of the prerequisite coursework in micro/macro-economics and undergraduate statistics.

PAD	5368	Regional Economic Development: Research Methods (Required)
PAD	5369	Economic Impact Models (Required)
ECON	3334	Regional Economics
ECON	3335	Urban Economics
REST	3300	Real Estate Principles
PAD	5360	Urban Administration

C. Communication

Students selecting the Communication concentration must elect three of the following courses:

COMM	5337	Seminar in Organizational Communication (May be repeated for credit when topic varies)
COMM	5335	Seminar in Intercultural/International Communication
COMM	5332	Seminar in Contemporary Rhetoric or
COMM	5362	Organizational Communication

D. Health Administration

Students selecting the Health Administration concentration must:
Take at least one course from the following context courses:

SOCI/		
ANTH	4346	Health and Illness in Cross-Cultural Perspective

SOCI	5340	Seminar in Demography
SOCI	5341	Special Graduate Topics: Medical Sociology
SOCI	5362	Seminar in Health Services Delivery
Take at least one course from these planning and administration courses:		
HSCI	5356	Planning and Administering Health Promotion Programs
HSCI	5359	Grant Writing in Health Professions
PSCI	5340	Management and Health Systems in Physical Therapy
NURS	5335	Management Roles and Operations
NURS	5337	Health Care Financial management
NURS	5338	Health Law, Policy and Ethics
NURS	5365	Managing Health Care Outcomes

Take at least one course from the following list, but not any course counted in other categories.

SOCI/ANTH	4346	Health and Illness in Cross-Cultural Perspective
SOCI	5340	Seminar in Demography
SOCI	5341	Special Graduate Topics
SOCI	5362	Seminar in Health Services Delivery
HSCI	5356	Planning and Administering Health Promotion Programs
HSCI	5359	Grant Writing in Health Professions
PT	5340	Management and Health Systems in Physical Therapy
NURS	5335	Management Roles and Operations
NURS	5337	Health Care Financial Management
NURS	5338	Health Law, Policy and Ethics
NURS	5365	Managing Health Care Outcomes

E. Border and International Administration

The Border and International Administration concentration consists of two required courses and one elective. The two required courses are:

PAD	5355	Comparative Public Administration
POLS	5344	Seminar in Border Theory

The one elective may be selected from the following course options:

ECON	5368	Border Economics
LABS	5301	Issues in Border Studies
POLS	5331	Seminar in International Organizations and Law
POLS	5336	Seminar in Southwestern Border Politics
POLS	5338	Seminar in International Political Economy
SOCI	5355	U.S.-Mexico Borderlands in Change
SOCI	5341	Special Topics Criminal Justice on the U.S.-Mexico Border

F. Homeland Security

This concentration requires at least one of the following two courses, plus electives to total nine hours.

PAD	5340	Professional Seminar in Homeland Security
INSS	5302	Professional Seminar in Intelligence and National Security

Take at least two electives from the following (or one if both PAD 5340 and INSS 5302 are taken):

INSS	5303	Legal Issues in Intelligence and National Security
PAD	5342	Risk Analysis
PAD	5363	Intergovernmental Relations

Graduate Certificate in Leadership Studies

The certificate in Leadership Studies is an interdisciplinary non-degree program that builds upon leadership courses and research in order to provide relevant practice for contemporary work environments. The program of study for the certificate in Leadership Studies has a research/practice format. All students take core leadership courses covering the topics of contemporary leadership theories/concepts, principles, and practices. Ethics is prominent in this core, not only as an individual topic or as a stand-alone topic, but also woven throughout the course of study, reflecting its pervasiveness in the demands and needs of today's societies and organizations.

The certificate program is designed for those employed in leadership positions and students interested in career development utilizing core knowledge related to leadership skills, theory, management, communication, and organizational theory. Government employees and professionals in the military, private, non-profits, and public organizations, especially for those in community and economic development agencies will find value in this program.

For the certificate, five courses (15 semester hours) are required of all students. Each non-degree seeking student will undertake a capstone course that will involve demonstrating leadership competency in a professional format.

Certificate Admission Requirements

The certificate program is designed for students holding an undergraduate degree. Prospective students must apply through the Graduate School and provide transcripts according to the requirements of the Graduate School. Students may be classified as non-degree seeking students or have the certificate program incorporated into departmental degree requirements after meeting all program requirements for admission. Admission into the program will be based on the applicant's undergraduate record and statement of interest. Students who enroll in the certificate program and decide at a later date to pursue a graduate degree may apply to the appropriate graduate program and request that the units be incorporated in the degree program at admission.

Curriculum (15 Semester Hours)

MLS	5300	Essentials of Leadership
MLS	5320	Leadership Principles and Practices: A Management Perspective
MLS	5330	Leadership Principles and Practices, Leading Change: A Communication Perspective
PAD	5350	Organizational Theory & Behavior
MLS	5350	Leadership Studio – Capstone

Course Information

For descriptions of course offerings, please click [here](#) and select **Leadership Studies (MLS)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Public Administration

University College
Kelly Hall, Rm. 414
(915) 747-7974

DIRECTOR: Dennis Soden
COORDINATOR: Jana Renner
GRADUATE FACULTY: Bretting, Cuadrado, Faria, McDonald, Soden
CONTRIBUTING FACULTY: AlDour, Dalton, Kolbe, Lieberman, Schauer, Weaver
ADJUNCT FACULTY: Lieman, Little, McCune, McElroy

Master of Public Administration

The Master of Public Administration (MPA) degree provides professional education for students interested in public service careers. The interdisciplinary program is designed to stress the knowledge, skills, values, and behaviors essential to the successful public servant. Some flexibility in curriculum is permitted to meet the diverse educational needs of pre-service and in-career students, changing-career students, and students in different career specialties in public administration. The curriculum components are designed to produce professionals capable of intelligent and creative analysis, communication, and action in the public sector context.

Basic Requirements for Admission to the MPA Program

1. Bachelor's degree from an accredited college or university
2. Demonstration of academic achievement and potential as indicated by the results of the Miller Analogies Test (MAT), Graduate Record Examination (GRE), or Graduate Management Admission Test (GMAT), and upper level undergraduate and graduate coursework.
3. A one- to two-page statement of purpose that addresses educational and career goals and reasons for pursuing a MPA degree.
4. Three academic or professional letters of recommendation.
5. For international students, a score of 600 on the TOEFL and an in-person or telephone interview.

Specific Requirements for the MPA Degree

Completion of at least 39 semester hours of course work consisting of the following:

1. At least 24 hours of courses in the theoretical, methodological, and technical aspects of public management
 - PAD 5300 Introduction to Research Methods
 - PAD 5310 Public Policy Process and Institutions
 - PAD 5311 Economic Analysis for Public Administrators
 - PAD 5350 Organizational Theory and Behavior
 - PAD 5351 Applied Statistics for Public Administrators
 - PAD 5352 Public Budgeting and Financial Management
 - PAD 5353 Human Resources Management
 - PAD 5365 Policy Analysis and Decision Making

Selected MBA core courses may be substituted for some of these courses, depending on course offerings by each program. Advance approval of MPA director is required for substitution.
2. Completion of an additional 12 hours of approved courses, which can be in the following areas of concentration: Border and International Administration, Communications, Health Administration, Homeland Security, Public Policy and Management Leadership, and Urban and Regional Planning. No more than 6 hours of electives can be at the undergraduate level in courses approved for graduate-level credit.
3. The final program requirement is completion of one of the following: a capstone course, PAD 5367 Comprehensive Integration of Public Administration (3 semester hours); or a thesis (six semester hours). The final program requirement is not included in either the 24 hours of requirements or the 12 hours of courses in an area of concentration.
4. Three semester hours of PAD 5366 Internship in Public Administration are required for students who do not possess significant administrative experience as part of the 12 hours of courses in the area of concentration.

Master in Public Administration Program Concentrations

Each concentration consists of four courses (12 credit hours) in the area of study. Three semester hours of PAD 5366 Internship in Public Administration is substituted for one of the elective courses in the concentration for students without appropriate professional experience.

A. Border and International Administration

The Border and International Administration concentration consists of two required courses and two electives. The two required courses are:

PAD 5355 Comparative Public Administration
POLS 5344 Seminar in Border Theory

The two electives may be selected from the following course options.

PAD 5354 Administrative Law and Regulation
PAD 5359 Regional and Urban Planning
PAD 5360 Urban Administration
PAD 5361 Political Economy of Borders
PAD 5380 Selected Problems in Public Administration
LABS 5301 Issues in Border Studies
PAD 5363 Intergovernmental Relations
POLS 5331 Seminar in International Organizations and Law
POLS 5336 Seminar in Southwestern Border Politics

POLS 5338 Seminar in International Political Economy
SOCI 5355 U.S.-Mexico Borderlands in Change
SOCI 5341 Special Topics Criminal Justice on the U.S.-Mexico Border

B. Communications

Students selecting the Communications concentration must elect four of the following courses:

COMM 5337 Seminar in Organizational Communication (Any topic)
COMM 5337 Seminar in Organizational Communication (New topic: Administrative Communication)
COMM 5335 Seminar in Intercultural/International Communication
COMM 5332 Seminar in Contemporary Rhetoric **or**
COMM 5362 Organizational Communication

C. Health Administration

Students selecting the Health Administration concentration must:

Take at least one course from the following context courses:

SOCIANTH	4346	Health and Illness in Cross-Cultural Perspective
SOCI	5340	Seminar in Demography
SOCI	5341	Special Graduate Topics: Medical Sociology
SOCI	5362	Seminar in Health Services Delivery

Take at least two courses from these planning and administration courses:

HSCI	5356	Planning and Administering Health Promotion Programs
HSCI	5359	Grant Writing in Health Professions
PSCI	5340	Management and Health Systems in Physical Therapy
NURS	5335	Management Roles and Operations
NURS	5337	Health Care Financial Management
NURS	5338	Health Law, Policy and Ethics
NURS	5365	Managing Health Care Outcomes

The following courses are Public Health (PH) University of Texas-Houston School of Public Health courses.

PH	3615	Introduction to Management and Policy Sciences
PH	3616	Health and Safety Program Management
PH	3617	Health Care Finance
PH	3618	Social and Economic Determinants of Health
PH	5110	Health Service Delivery and Performance

Take at least one course from the following list without restrictions, but no double counting.

SOCI/ANTH	4346	Health and Illness in Cross-Cultural Perspective
SOCI	5340	Seminar in Demography
SOCI	5341	Special Graduate Topics
SOCI	5362	Seminar in Health Services Delivery
HSCI	5356	Planning and Administering Health Promotion Programs
HSCI	5359	Grant Writing in Health Professions
PT	5340	Management and Health Systems in Physical Therapy
NURS	5335	Management Roles and Operations
NURS	5337	Health Care Financial Management
NURS	5338	Health Law, Policy and Ethics
NURS	5365	Managing Health Care Outcomes

D. Public Policy and Management

Students choosing the Public Policy and Management concentration must take four of the following courses.

MGMT	5336	Effective Management of Human Resources
PAD	5354	Administrative Law and Regulation
PAD	5358	Administrative Ethics and Responsibility
PAD	5356	Social Entrepreneurship and Not-For-Profit Management
PAD	5360	Urban Administration
PAD	5362	Public Sector Accounting
PAD	5363	Intergovernmental Relations
PAD	5364	Public Participation and the Democratic Process
PAD	5380	Selected Problems in Public Administration
SOCI	5330	Social Inequality

E. Leadership

Students selecting the Leadership concentration must elect four of the following courses:

PAD	5358	Administrative Ethics and Responsibility
PAD	5364	Public Participation and the Democratic Process
COMM	5362	Organizational Communication
MLS	5300	Essentials of Leadership
MLS	5320	Leadership Principles and Practices: A Management Perspective
MLS	5330	Leadership Principles and Practices, Leading Change: A Communications Perspective

F. Urban and Regional Planning

The Urban and Regional Planning concentration consists of one required course, one course in *Policy and Administration*, one course in *Economics and Demography* and one *tool* course.

PAD 5359 Regional and Urban Planning (required)

One course in *Policy and Administration*:

PAD	5360	Urban Administration
PAD	5363	Intergovernmental Relations
PAD	5364	Public Participation and the Democratic Process

One course in *Economics and Demography*:

SOCI	5340	Seminar in Demography
ECON	3334	Regional Economics
ECON	3335	Urban Economics

One tool course:

MKT	4308	Real Estate Principles
PAD	5368	Regional Economic Development: Research Methods
PAD	5380	Selected Problems in Public Administration (topics to include Geographic Information Systems)

G. Homeland Security

This concentration requires at least one of the following two courses, plus electives to total twelve hours.

PAD	5340	Professional Seminar in Homeland Security
INSS	5302	Professional Seminar in Intelligence and National Security

Take at least three electives from the following (or two if both PAD 5340 and INSS 5302 are taken):

INSS	5303	Legal Issues in Intelligence and National Security
PAD	5342	Risk Analysis
PAD	5343	Crime and Border Security
PAD	5344	Emergency Management
PAD	5346	Public Health Issues and Homeland Security
PAD	5347	Critical Infrastructure Protection
PAD	5363	Intergovernmental Relations

Two Degree Option – MPA/MBA

Students may also enroll in a two-degree option: MPA-MBA program. The objective of this program is to permit students with broad interest in both the public and private sectors to double register in both the MPA and MBA programs. With the increasing interdependence of the public and private sectors, this option is attractive to those students wishing to pursue careers in positions responsible for working with their counterparts in private or public organizations. In order to be admitted into the two-degree option, the applicant must specify the option *at the time of application to the Graduate School*. Students who wish to enter either the MPA or MPA-MBA programs should consult with the Graduate Advisor for the College of Business Administration and with the Coordinator of the MPA program with regard to admission, required courses, approved electives, and petition for candidacy.

The program consists of 66 semester credit hours (SCH) of graduate study, of which 39 SCH are in areas of Business Administration and 27 SCH are in areas of Public Administration.

Specific Requirements for the MBA/MPA Two-Degree Option

1. Students must meet all requirements for admission to both programs.
2. Students must choose one of the following Programs of Study:

- a. Program of Study 1
 - i. MBA Required Core (39 SCH)

ACCT	5311	Accounting for Management
ACCT	5301	Financial Accounting
BLAW	5306	Business Law and Ethics
CIS	5313	Strategic Information Systems
ECON	5311	Managerial Economics
ECON	5360	Global Economic Environment for Managers
FIN	5311	Financial Management
MGMT	5311	Organizational Management Seminar
MGMT	5325	Management Strategy and Policy
MGMT	5336	Effective Management of Human Resources
MKT	5311	Marketing Management
QMB	5311	Quantitative Methods in Business
SCM	5308	Concepts of Production Management
 - ii. MPA Required Core (27 SCH)

Students are allowed to substitute PAD 5311, PAD 5350, and PAD 5355 for approved PAD electives.

PAD	5300	Introduction to Research Methods
PAD	5310	Public Policy Processes and Institutions
PAD	5311	Economic Analysis for Public Administrators
PAD	5350	Organizational Theory and Behavior
PAD	5351	Applied Statistics for Public Administrators
PAD	5352	Public Budgeting and Financial Management
PAD	5353	Human Resources Management
PAD	5365	Policy Analysis and Decision Making
PAD	5367	Comprehensive Integration of Public Administration
- b. Program of Study 2
 - i. Required MPA Core (27 SCH)

PAD	5300	Introduction to Research Methods
PAD	5310	Public Policy Processes and Institutions
PAD	5311	Economic Analysis for Public Administrators
PAD	5350	Organizational Theory and Behavior
PAD	5351	Applied Statistics for Public Administrators
PAD	5352	Public Budgeting and Financial Management
PAD	5353	Human Resources Management
PAD	5365	Policy Analysis and Decision Making
PAD	5367	Comprehensive Integration of Public Administration
 - ii. Required MBA Core (39 SCH)

Students are allowed to substitute ECON 5311, MGMT 5311, and MGMT 5336 for approved Economics or Management electives.

ACCT	5311	Accounting for Management
ACCT	5301	Financial Accounting
BLAW	5306	Business Law and Ethics
CIS	5313	Strategic Information Systems
ECON	5311	Managerial Economics
ECON	5360	Global Economic Environment for Managers
FIN	5311	Financial Management
MGMT	5311	Organizational Management Seminar
MGMT	5325	Management Strategy and Policy
MGMT	5336	Effective Management of Human Resources
MKT	5311	Marketing Management
QMB	5311	Quantitative Methods in Business
SCM	5308	Concepts of Production Management

3. Electives must be approved by the academic advisors of both programs.

4. Admission to and continuance in the program are administered separately by the MBA and MPA graduate committees and by the Graduate School.

Graduate Certificate Programs

Certificate in Border Administration

The Certificate in Border Administration is a 15 semester hour interdisciplinary program in border administration at the graduate level. The program is designed for persons employed in regional governments and non-profits and students interested in careers in border administration. The certificate program provides core knowledge in border theory and border issues: the geography, globalization, economics, security, foreign policy, regional planning, and social, political and multi-cultural dynamics of borders.

The Certificate in Border Administration is available to students in the Master of Public Administration and the Master of Arts or Science in Economics, Political Science, Environmental Science and Sociology. It is also designed for government employees and professionals in military, private and non-profit organizations, especially those working for agencies that are charged with the administration of border-related and bi-national programs.

Certificate Requirements

Five courses (15 semester hours) are required of all students. Non-degree seeking students will take a capstone course (PAD 5367, Comprehensive Integration of Public Administration) that calls for demonstration of competency on border issues in a professional format. Each student will design and complete a research project that demonstrates the ability to synthesize and apply border administration knowledge and skills to a public service problem. For degree seeking students, the capstone course may be aligned to degree requirements.

Certificate Admission Requirements

Prospective students must apply through the Graduate School. Students may be classified as non-degree seeking students or have the certificate program incorporated into departmental degree requirements after meeting all program requirements for admission. Admission into the program will be based on the applicant's undergraduate record and statement of interest. Students who enroll in the certificate program and decide at a later date to pursue a graduate degree may apply to the appropriate graduate program and request that the units be incorporated in the degree program at admission.

Curriculum (15 semester hours)

PAD	5355	Comparative Public Administration
POLS	5331	Seminar in International Organizations and Law
PAD	5361	Political Economy of Borders
POLS	5344	Seminar in Border Theory
PAD	5367	Comprehensive Integration of Public Administration

Certificate in Economic Development

The Graduate Certificate Program in Economic Development is a 15 semester hour interdisciplinary program designed for persons either employed or interested in careers with economic development agencies and seeking core knowledge in economic development theory and practice. The Certificate in Economic Development is available to students in the Master of Public Administration and the Master of Arts or Science in Economics, Political Science, Environmental Science and Sociology. It is also designed for government employees and professionals in military, private and non-profit organizations, especially those working for community service and economic development agencies.

Certificate Requirements

Five courses (15 semester hours) are required of all students. Non-degree seeking students will take a capstone course (PAD 5367 Comprehensive Integration of Public Administration) that calls for the demonstration of competency on economic development issues in a professional format. Each student will design and complete a research project that demonstrates the ability to synthesize and apply economic development knowledge and skills to a current problem in the field. For degree seeking students, the capstone course may be aligned to degree requirements. Students enrolled in the Certificate in Economic Development program must also complete any prerequisite coursework in micro/macro-economics and undergraduate statistics.

Certificate Admission Requirements

The certificate program is designed for students holding an undergraduate degree. Prospective students must apply through the Graduate School and provide transcripts according to the requirements of the Graduate School. Students may be classified as non-degree seeking students or have the certificate program incorporated into departmental degree requirements after meeting all program requirements for admission. Admission into the program will be based on the applicant's undergraduate record and statement of interest. Students who enroll in the certificate program and decide at a later date to pursue a graduate degree may apply to the appropriate graduate program and request that the units be incorporated in the degree program at admission.

Curriculum (15 semester hours)

Three required courses (nine semester hours):

PAD	5368	Regional Economic Development: Research Methods
FIN	5394	Current Issues in Finance
PAD	5367	Comprehensive Integration of Public Administration

Two courses (six semester hours) selected from the following courses:

ECON	3334	Regional Economics
ECON	3335	Urban Economics
MKT	4308	Real Estate Principles

Certificate in Homeland Security

The Graduate Certificate in Homeland Security is designed for working and mid-career professionals who already hold a baccalaureate or graduate degree and are interested in further professional education in this field. It will consist of 15 semester hours of study and includes two existing courses in the MPA curriculum and three new ones.

Certificate Admission Requirements

The Graduate Certificate in Homeland Security is designed for working and mid-career professionals who already hold a baccalaureate or graduate degree and are interested in further professional education. Applicants must complete the graduate school application and provide an official transcript. A one-to two-page statement of purpose is also required. Students may be classified as non-degree seeking students or have the certificate program incorporated into the degree requirements appropriate to their department and after meeting all program requirements for admission. Students who complete the Graduate Certificate in Homeland Security and decide to pursue a graduate degree at a later date may apply to the appropriate graduate program and request that the units become part of their program at admission.

Curriculum (15 semester hours)

Two required courses (six semester credit hours):

PAD	5340	Pro-Seminar in Homeland Security
PAD	5367	Comprehensive Integration of Public Administration

Three courses (nine semester credit hours) selected from the following courses:

PAD	5341	Legal Issues in Homeland Security
PAD	5342	Risk Analysis
PAD	5343	Crime and Border Security
PAD	5344	Emergency Management
PAD	5346	Public Health Issues and Homeland Security
PAD	5347	Critical Infrastructure Protection
PAD	5363	Intergovernmental Relations

Each course in the certificate program will also include four components: 1) *Writing* in a variety of genres; 2) development of audience-specific *oral communication skills* through individual and group presentations; 3) *team building skills* via group project assignments; and 4) an *ethics component* that will draw on case studies to develop skills in critical assessment of ethical dilemmas.

Certificate in Urban and Regional Planning

The UTEP Graduate School offers a Graduate Certificate Program in Planning which is a 15 semester hour interdisciplinary program based in the Master of Public Administration Program. The certificate program is aimed at professionals with bachelor's or master's degrees who wish to enhance their knowledge and skills in the area of planning and at students in the MPA, or other master's or doctoral programs (in fields such as economics, political science, environmental science, and engineering) who wish to incorporate a certificate in planning in their graduate degree program. The certificate is designed for those employed as planners and students interested in a career in planning to provide them with core knowledge in economics, demography, law and administration and the technology (such as GIS) necessary for planning activities.

Certificate Requirements

The certificate program is a 15 semester hour program, including a required seminar (PAD 5359) and a required capstone course (PAD 5367). Where appropriate, courses that meet the requirements for the Certificate may also be applied to degree programs. Students who are not enrolled in degree programs who later decide to pursue a degree program may request that these courses be applied to their degree upon admission.

Certificate Admission Requirements

Prospective students must apply through the Graduate School. Applicants should complete the Graduate School application and indicate the certificate area. The application fee will be waived for students already enrolled in a degree program. Applicants must provide transcripts according to the requirements of the Graduate School if these are not already on file in the Graduate School. Students enrolled in the MPA program may select Urban and Regional Planning as an area of concentration. Courses taken to meet core curriculum requirements in the MPA program (PAD 5310 Public Policy Process and Institutions, PAD 5367 Comprehensive Integration of Public Administration) may not be included in the 12 semester hours of area concentration even though they are included in the Graduate Certificate Program in Planning

Curriculum (15 semester hours)

Two required courses (6 semester hours)

PAD	5359	Regional and Urban Planning
PAD	5367	Comprehensive Integration of Public Administration

One course in Policy and Administration (3 semester hours)

PAD	5310	Public Policy Process and Institutions
PAD	5360	Urban Administration
PAD	5363	Intergovernmental Relations

One course in Economics and Demography (3 semester hours)

SOCI	5340	Seminar in Demography
ECON	3334	Regional Economics
ECON	3335	Urban Economics

One tool course from the following (3 semester hours)

MKT	4308	Real Estate Principles
PAD	5368	Regional Economic Development Research Methods
PAD	5380	Selected Problems in Public Administration (topics to include Geographic Information Systems)

Only one undergraduate course (below a 5000 listing) is allowable for the certificate.

Course Information

For descriptions of course offerings, please click [here](#) and select **Public Administration (PAD)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Interdisciplinary Programs

- [Ph.D. in Environmental Science and Engineering](#)
- [Ph.D. in Material Science and Engineering](#)
- [Graduate School Courses](#)







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Ph.D. in Environmental Science and Engineering

Center for Environmental
Resource Management
(915) 747-5433
babenedict@utep.edu

PROGRAM DIRECTOR: Barry Benedict
PROGRAM COORDINATOR: Cindy Conroy

The University of Texas at El Paso presents both an extraordinary setting and excellent capabilities for the multi-disciplinary doctoral program in Environmental Science and Engineering. Located on the U.S.-Mexico border and one of the most environmentally-impacted areas of North America, UTEP has established itself as a center of environmental research and development activity, with support from the EPA, the NSF, the Department of Energy, private foundations, and state agencies. With support and coordination from the Center for Environmental Resource Management (CERM), faculty and students from several departments conduct research often in collaboration with local agencies and national laboratories. With the implementation of the North American Free Trade Agreement (NAFTA), the establishment of a new EPA regional office in El Paso and of the joint U.S. and Mexico Border Environmental Cooperation Commission (BECC) in Ciudad Juárez, Mexico, and UTEP's already established base of collaborations with Mexico on environmental problems, UTEP and El Paso have become an internationally recognized source of cutting-edge research, technology, and education. The newly established Center for Inland Desalination Systems also works closely with this program.

Requirements for Admission

In addition to Graduate School requirements, students entering the program must have a Master of Science degree or equivalent study in an environmentally related scientific or engineering field. Such fields include but are not limited to chemistry, physics, biology, geology, civil engineering, industrial engineering, electrical engineering, mechanical engineering, and metallurgical engineering. Students are expected to have superior graduate records (GPA > 3.5/4.0) and, for students from countries where English is not the principal language, a minimum TOEFL score of 550. Students must submit at least two letters of reference from individuals qualified to judge their capability to do doctoral-level work. Applicants will be notified of their admission status by the Graduate School.

Degree Requirements

Specific course requirements for each student will be determined by the student's Doctoral Advisory Committee; however, each student must complete at least 60 hours beyond the Master's degree. At least 30 hours are organized course work, which must include certain ESE core courses, including ESE 6306, Principles of Experimental and Engineering Design and ESE 6307, Interdisciplinary Environmental Problem Solving. The balance of the required 30 semester hours of organized course work will be fulfilled by a selection of elective courses. Enrollment of the candidate in research and dissertation courses will complete the remainder of the 60 semester hours.

Prior to taking ESE core courses, all students are generally expected to have had the equivalent of basic courses in biology, chemistry, physical geology, and calculus, including differential equations. All full time students are required to enroll in ESE 6107 during the fall and spring semesters. All students must complete a minimum of 2 hours of ESE 6107. A maximum of six hours of ESE 6107 will count towards fulfilling the requirements of the degree.

Note: All degree requirements must be completed within eight years.

Students are required to pass a qualifying examination based on material from the ESE core courses and any leveling courses they may have taken during the first two semesters of residence. Students are eligible to sit for the qualifying examination a maximum of two times.

All of the core classes are required and the student must obtain a grade of "B" or better in each of the core courses.

Students are encouraged to begin a research germane to their dissertation topic early in the course of study. The student must identify a dissertation supervisor during the first two semesters of full-time or part-time participation in the ESE program. Within this same period, a Doctoral Committee must be formed, a dissertation proposal prepared for review and approval by the student's committee, and an abstract of the proposal distributed to the ESE faculty for comment. Students will not be allowed to register for additional course work until these requirements have been met.

Prior to enrolling in the dissertation courses, each student will take a comprehensive examination administered by the student's Doctoral Advisory Committee. The examination may be written, oral or both. Students are eligible to sit for the comprehensive exam a maximum of two times.

The dissertation must demonstrate the ability to perform independent research and the competence for scholarly exposition. It should present original investigation at an advanced level of a significant problem in environmental science and engineering and should provide the basis for a publishable contribution to the research literature in the field. Students should enroll in ESE 6398 during the first term of dissertation work and ESE 6399 each term thereafter. Each doctoral candidate must successfully defend the dissertation before the Doctoral Advisory Committee.

A copy of the dissertation in PDF or Word electronic format must be submitted to the Graduate School for format check prior to the scheduled defense date. The dissertation, including an abstract not to exceed 350 words, must be prepared according to the Graduate School's thesis and dissertation guidelines available at the Graduate School website. The student will receive email confirmation from the Graduate School after the format has been approved. The final Graduate School approved dissertation must be submitted to the Graduate School in PDF electronic format on a CD in a case by the deadline as published in the Class Schedule along with a hard copy of the signature page with original signatures of the dissertation committee members. The signature page must be included in the PDF file but it should not be signed.

Doctoral candidates are also required to submit the Graduate School approved dissertation at the University Microfilms International website for on-line publication, <http://dissertations.umi.com/utep>. Dissertations are regarded as publications and will be made public once they are approved and submitted. On-line publication does not preclude subsequent publication of the dissertation, in whole or in part, as a monograph or in a journal. Copyright at the author's expense may be arranged through University Microfilms International. In order to protect patent or any other rights, the Graduate School may be requested to delay publication for a period of one year. This request must be supported by a written recommendation of the supervising professor.

Curriculum

Semester Hour Requirements

Foundation/Leveling Courses.....	As needed
ESE Core Course.....	18
Environmental Project.....	6
Elective Courses*.....	6-12

Research..... 18-24
Dissertation..... 6

* May include six hours of ESE 6107 and additional core courses, if approved by the student's Doctoral Advisory Committee.

Core Courses

Select **six** of the following courses:

ESE 6107 Graduate Seminar
ESE 6301 Environmental Law and Policy
ESE 6303 Transport, Fate, and Treatment of Contaminants in the Environment
ESE 6402 Environmental Chemistry
ESE 6404 Environmental Biology
ESE 6405 Environmental Geosciences

Environment Projects

ESE 6306 Principles of Experimental and Engineering Design
ESE 6307 Interdisciplinary Environmental Problem-Solving

Elective Courses

Select **two to four** elective courses with the approval of the graduate coordinator.

Note: All students will take elective courses to fulfill the 60 semester-credit-hour requirement for this doctoral degree program. Only elective classes approved by the student's committee qualify for this requirement.

Research and Dissertation

ESE 6396 Doctoral Research
ESE 6398 Dissertation
ESE 6399 Dissertation

Energy Science and Engineering Track

Core Courses

Select **six** of the following courses, including at least four from the Energy Engineering Block:

ESE 6107 Graduate Seminar
ESE 6301 Environmental Law and Policy
ESE 6303 Transport, Fate, and Treatment of Contaminants in the Environment
ESE 6402 Environmental Chemistry
ESE 6404 Environmental Biology
ESE 6405 Environmental Geosciences

Energy Science and Engineering Track-Specific Core Courses:

ESE 6312 Energy Policy Analysis and Economic Modeling
ESE 6314 Energy Systems Engineering
ESE 6316 Sustainable Energy
ESE 6318 Energy Use and Climate Change
ESE 6320 Advanced Topics in Energy Engineering

Environment Projects

ESE 6306 Principles of Experimental and Engineering Design
ESE 6307 Interdisciplinary Environmental Problem-Solving

Elective Courses

Select **two to four** of the following courses, or suitable alternatives, with approval of the graduate coordinator.

Note: All students will take elective courses to fulfill the 60 semester-credit-hour requirement for this doctoral degree program. Only elective classes approved by the student's committee qualify for this requirement. The list below is only a sample of course offerings.

MECH 5320 Energy Conversion Engineering
MECH 5322 CO2 Capture and Sequestrations
MECH 5324 Solar Systems Engineering
MECH 5326 Bio and Synthetic Fuels
MECH 5328 Energy Efficiency and Management

Research and Dissertation

ESE 6396 Doctoral Research
ESE 6398 Dissertation
ESE 6399 Dissertation

Course Information

For descriptions of course offerings, please click [here](#) and select **Environmental Science and Engineering (ESE)**.



This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Ph.D. in Materials Science and Engineering

Materials Research and Technology Institute (MRTI)
M-201 Engineering
(915) 747-5468
fekberg@utep.edu

PROGRAM DIRECTOR: Lawrence Murr

The field of materials sciences and engineering is central to the technological, industrial, and economic development of Texas, the United States, Mexico, and other industrialized countries. The UTEP Ph.D. program is a multi-disciplinary program to prepare scientists and engineers to contribute to this vital field, with a range of skills linking structure, properties, synthesis and processing, and performance of materials. Students develop a research focus in a specialized area using one or more of these skills to study some class or classes of materials, including metals, polymers, ceramics, semiconductors, superconductors, composites, and other materials systems.

Students in the program take a common core:

- Advanced Concepts in Materials Sciences and Engineering
- Materials Applications and Engineering
- Microchemical and Microstructural Characterization of Materials
- Instrumentation and Modeling Short Courses
- Doctoral Research Symposium I & II

Requirements for Admission

Admission to the Ph.D. program in materials science and engineering with a BS or MS degree in a related field (Physics, Chemistry, Electrical and/or Electronic Engineering, etc.) requires a minimum 3.0 GPA and a minimum TOEFL score of 550 for applicants from countries where English is not the principal language. GRE scores will also be considered for all applicants.

Requirements for Degree

All students who enter the program are required to take 4 core courses and three hours of research symposia for a total of 17 credit hours. Students who enter with an M.S. degree may receive credit for up to 30 credit hours. The core and elective courses (discussed below) are traditional lecture or seminar courses. The student will take a minimum of 6 credit hours of Doctoral Dissertation, and additional credit hours of Advanced Study, Graduate Research, Independent Study, or Dissertation. A minimum of seventy-four (74) credit hours are required.

The number and subject area of elective courses in advanced topics are determined by the student and his/her research advisor in consultation with the student's Dissertation Committee; although generally 12 hours of advanced topics (beyond the core) will be required. Depending on the background and preparation of the student, and/or the nature of the student's research, the student's mentor and/or the Dissertation Committee, acting together with the student, may suggest additional courses not chosen from the list of electives.

The UTEP MASE program currently does not offer a terminal Masters degree. However, MASE Ph.D. students may choose to complete a Masters degree in an appropriate science or engineering department, or in MSIS, Masters Degree in Interdisciplinary Studies. Requirements for these M.S. degrees can be found elsewhere in the catalog.

Students are required to pass an oral Qualifying Examination administered by their Research Committee. This examination consists of defending a written Dissertation Proposal and answering questions of either a broad or specific nature in relationship to preparation to conduct dissertation research. This examination is usually administered after a minimum of 2 semesters of work. Students may not register for dissertation credits until after the Qualifier Examination has been passed. Research undertaken prior to passing the examination can use appropriate graduate research projects or independent study courses.

At the conclusion of the research program, the student will make a public presentation of the dissertation. This will also constitute a Final Oral Examination or Dissertation Defense with questions from both the Research (Dissertation) Committee and the general public.

A copy of the dissertation in PDF or Word electronic format must be submitted to the Graduate School for format check prior to the scheduled defense date. The dissertation, including an abstract not to exceed 350 words, must be prepared according to the Graduate School's thesis and dissertation guidelines available at the Graduate School website. The student will receive email confirmation from the Graduate School after the format has been approved. The final Graduate School approved dissertation must be submitted to the Graduate School in PDF electronic format on a CD in a case by the deadline as published in the Class Schedule along with a hard copy of the signature page with original signatures of the dissertation committee members. The signature page must be included in the PDF file but it should not be signed.

Doctoral candidates are also required to submit the Graduate School approved dissertation at the University Microfilms International website for on-line publication, <http://dissertations.umi.com/utep>. Dissertations are regarded as publications and will be made public once they are approved and submitted. On-line publication does not preclude subsequent publication of the dissertation, in whole or in part, as a monograph or in a journal. Copyright at the author's expense may be arranged through University Microfilms International. In order to protect patent or any other rights, the Graduate School may be requested to delay publication for a period of one year. This request must be supported by a written recommendation of the supervising professor.

Course Information

For descriptions of course offerings, please click [here](#) and select Materials Science and Engineering (MASE).







This catalog is archived. For the current UTEP catalog, please visit catalog.utep.edu.

Graduate School Courses

Course Information

For descriptions of course offerings, please click [here](#) and select **Graduate School (GRAD)**.



