



TEXAS A&M UNIVERSITY
SAN ANTONIO

University Catalog 2016-2017



Be part of something...

Texas A&M University-San Antonio University Catalog 2016-2017

(Revised: 8/16/2016 to update Academic Calendar)

Accreditations, Certifications and Approved Programs

Texas A&M University-San Antonio is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate and master's degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404/679-4500, or visit <http://www.sacscoc.org> for questions about the accreditation of Texas A&M University-San Antonio.

Teacher/Educator Certification Accredited by the Texas State Board of Educator Certification.

University Catalog 2016-2017

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GENERAL INFORMATION

Purpose of the Catalog

This catalog is the official bulletin of Texas A&M University-San Antonio for the 2016-2017 academic year, in which are published the record of the year closing, the announcements for the coming year and the official administrative procedures which will be in effect during the coming year. Fees and administrative procedures (except standards and requirements for degrees) are, however, subject to change. This catalog may be viewed online at <http://www.tamusa.edu> under the “Academics” tab.

The courses of instruction announced herein are those that are available for offering during the sessions of August 2016-August 2017. Courses to be offered during any one semester or summer term are posted in *JagWire* system prior to registration for a particular semester or term. To meet evolving needs, the University does reserve the right to make changes in courses and to offer only those for which a sufficient number of students register.

The provisions of this catalog do not constitute a contract, express or implied, between any applicant, student, faculty or staff member of Texas A&M University-San Antonio or The Texas A&M University System. This catalog is for informational purposes only. The university reserves the right to change or alter any statement herein without prior notice. This catalog should not be interpreted to allow a student that begins his or her education under the catalog to continue the program under the provisions in the catalog.

Student Academic Responsibilities

Students are expected to familiarize themselves thoroughly with the regulations of the University, to accept responsibilities for course requirements for their degrees, and to make inquiries in case of doubt. It shall not be the University's responsibility should complications arise because of failure to follow regulations and requirements. Regulations will not be waived nor exceptions to requirements made on a plea of ignorance. Students, therefore, should become familiar with all of the information related to their program of study contained in the on-line university catalog.

Personal announcements sent to students through A&M-San Antonio's e-mail are the official means of communicating course and university business with students— not the U.S. Mail and not other e-mail addresses. Students must check their A&M-San Antonio e-mail accounts regularly, if not daily. Not having seen an important A&M-San Antonio e-mail message from a faculty member, chair, dean or other University administrator is not accepted as an excuse for failure to take important action.

Campus safety is a high priority at A&M-San Antonio as we ensure the safety of all our students, faculty and staff. **JagE Alert** is the A&M-San Antonio comprehensive Emergency Notification System. Through this single site, students and employees can update their emergency contact information, see delivery statistics of previous emergency messages and access additional A&M-San Antonio emergency management resources. The JagE Alert address is <http://www.tamusa.edu/upd/upd-Emergency-Notification/index.html>.

Equal Opportunity Policy

In compliance with Title VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973 and Executive Order 11246, Texas A&M University-San Antonio is open to all persons regardless of race, color, religion, sex, national origin, age or disability who are otherwise eligible for admission as students. A&M-San Antonio does not discriminate on the basis of disability in admission or access to its programs.

Texas A&M University-San Antonio is an Equal Opportunity/Affirmative Action Employer and no applicant or employee will be discriminated against because of race, color, age, religion, sex, national origin or disability in any personnel action. This University will not enter knowingly into contractual agreements for services or supplies with any firm failing to follow fair employment practices.

University Assessment

Students enrolled at Texas A&M University-San Antonio are required to participate in University assessment activities for the evaluation and improvement of University programs and curricula.

History

Texas A&M University-San Antonio was created in 2000 to address an educational need in south San Antonio. The Texas Legislature asked The Texas A&M University System to establish a center that would offer junior- and senior-level courses in south San Antonio, an area that has been historically underserved in terms of higher education. The University, then known as Texas A&M University-Kingsville System Center-San Antonio, was approved by the Texas Higher Education Coordinating Board in January 2000. On May 23, 2009, Gov. Rick Perry signed Senate Bill 629 that created Texas A&M University-San Antonio as a stand-alone university. Texas A&M University-San Antonio is now an upper-division university offering bachelor's and master's degree programs.

Mission of the University

Texas A&M University-San Antonio faculty and staff prepare and empower students through innovative and challenging academic and co-curricular programs that contribute to and enrich the economic and social development of the community and region. A solid foundation for success is established through dynamic teaching, scholarship, research, and public service that inspire graduates to lifelong learning and responsible global citizenship.

TEXAS A&M UNIVERSITY-SAN ANTONIO

One University Way
San Antonio, Texas 78224
(210)784-1000

A Member of The Texas A&M University System

John Sharp, *Chancellor*

University Administration

Cynthia Teniente-Matson, *President*
Extension 1600; Central Academic Building, Suite 410

Michael J. O'Brien, *Interim Provost and Vice President for Academic Affairs*
Extension 1200; Central Academic Building, Suite 405

Melissa Mahan, *Vice President for Student Affairs*
Extension 1350, Senator Frank L. Madla Building, Suite 312

Arturo Alonzo, *Vice President for Business Affairs and CFO*
Extension 2000; Central Academic Building, Suite 435

Richard Ortega, *Vice President for University Advancement*
Extension 1109; Central Academic Building, Suite 418

Mirley Balasubramanya, *Dean of the College of Arts & Sciences*
Extension 2224; Central Academic Building, Suite 348

Tracy Hurley, *Dean of the College of Business*
Extension 2300; Brooks City-Base, Bldg. 775, Room 190

W. Sean Kearney, *Interim Dean of the College of Education & Human Development*
Extension 2500; Senator Frank L. Madla Building, Suite 303

TEXAS A&M UNIVERSITY-SAN ANTONIO

Campus Locations

Situated in San Antonio's South Side, Texas A&M University-San Antonio serves an area comprising the greater San Antonio and Bexar County region and the surrounding South Texas counties. San Antonio, the county seat of Bexar County, is a city of approximately 1,330,000. The majority of Texas A&M University-San Antonio's administrative offices are located at the University's permanent campus, which is located on approximately 700 acres southeast of the intersection of Loop 410 and S. Zarzamora.

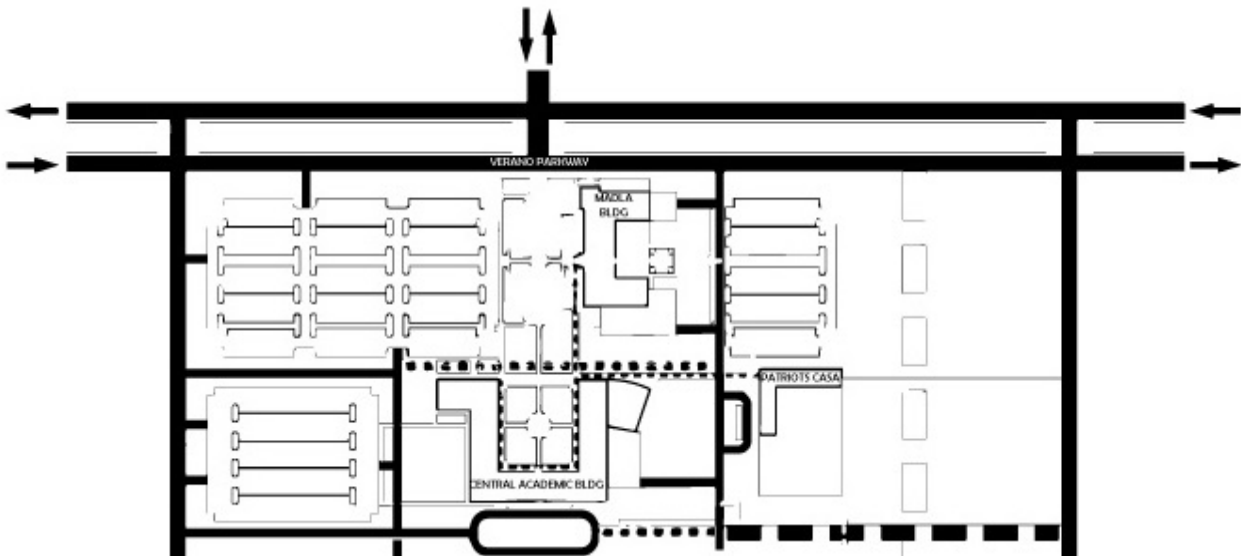
Main Campus

One University Way
San Antonio, TX 78224

The Main Campus is comprised of the following buildings:

- Senator Frank L. Madla Building
- Central Academic Building
- Patriots' Casa

University Way is close to S. Zarzamora and Loop 410.



Brooks City-Base Campus (BCBA)

2601 Louis Bauer Drive
San Antonio, TX 78235

A&M-San Antonio North Campus (Alamo University Center-AUCS)
8300 Pat Booker Road
Live Oak, TX 78233

Centro de Artes (Educational and Cultural Arts Center-ECAC)
101 S. Santa Rosa
San Antonio, Texas 78207

University location acronyms:

Madla Senator Frank L. Madla Building (Main Campus)
CAB Central Academic Building (Main Campus)
CASA Patriots' Casa (Main Campus)
AUDI Auditorium (Main Campus)
BCBA Brooks City-Base Campus
AUCS Alamo University Center
SWRI Southwest Research Institute SA

Texas A&M University-San Antonio
Academic Calendar
Academic Year 2016-2017

Dates and times subject to change. Official Calendar and Registration information appears each semester with the Class Schedule.

Fall Semester (16-Week) 2016

August 15	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
August 18	Drop for Non-Payment
August 19	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
August 22	Classes begin
August 27	Weekend classes begin
August 29	Last day to register for Fall 16-week session classes
September 1	Application for Spring 2017 graduation can be submitted
September 5	Labor Day Holiday – No Classes (College Closed)
September 7	Census Date
September 7	Last day for students to apply for Fall 2016 graduation
September 7	Deadline for students who have applied for Fall 2016 graduation to complete Change of Name and/or Change of Major form(s) at the Welcome Center
September 8	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
September 21	Fall 2016 Graduation Application Fee Payment Deadline
October 27	Title IV 60% of semester (Financial Aid)
October 28	Last day to drop with an Automatic “W”
October 31	Registration for Spring 2017 Semester begins
November 23-26	Thanksgiving Holiday – No Classes (All Admin offices closed Thursday – Saturday)
December 1	Application for Summer 2017 graduation can be submitted
December 2	Last day to drop a course or withdraw from the University
December 3	Last Day of Scheduled Classes
December 5 - 10	Final Examinations – See your college catalog for schedule
December 10	End of Fall Semester
December 13	Fall 2016 Commencement
December 13	All grades for Fall 16-week session due by Noon via Jagwire
December 23 –	Winter Break – College Closed
January 2	

Fall Flex 1 Semester (8-Week) 2016

August 15	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
August 18	Drop for Non-Payment
August 19	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
August 22	Classes begin
August 26	Last day to register for Fall Flex I Session
August 27	First Day of Saturday Classes
August 29	Census Date
August 30	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
September 1	Application for Spring 2017 graduation can be submitted
September 5	Labor Day Holiday – No Classes (College Closed)
September 7	Deadline for students who have applied for Fall graduation to complete Change of Name and/or Change of Major form(s) at the Welcome Center
September 7	Last day for students to apply for Fall graduation
September 20	Title IV 60% of semester (Financial Aid)
September 21	Last day to drop with an automatic “W”
September 21	Fall 2016 Graduation Application Fee Payment Deadline
October 7	Last day to drop a course or withdraw from the University
October 12 - 15	Final Examinations – See your college catalog for schedule
October 15	End of Fall Flex I
October 18	All grades for Fall Flex I session due by Noon via Jagwire
October 31	Registration for Spring 2017 Semester Begins

Fall Flex 2 Semester (8-Week) 2016

October 10	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
October 13	Drop for Non-Payment
October 14	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
October 17	Classes begin
October 21	Last day to register for Fall Flex II Session
October 22	First Day of Saturday Classes for Fall Flex II Session
October 24	Census date
October 25	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
October 31	Registration for Spring 2017 classes
November 16	Title IV 60% of semester (Financial Aid)
November 17	Last day to drop with an automatic “W”
November 23-26	Thanksgiving Holiday – No Classes (All Admin office Closed Thursday – Saturday)
December 1	Application for Summer 2017 graduation can be submitted
December 2	Last day to drop a course or withdraw from the University
December 7 - 10	Final Examinations – See your college catalog for schedule
December 10	End of Fall Flex II Session
December 13	All grades for Fall Flex II session due by Noon via Jagwire
December 23-	Winter Break – College Closed
January 2	

Spring Semester (16-Week) 2017

January 2	College Opens
January 9	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
January 12	Drop for Non-Payment
January 13	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
January 16	Martin Luther King Day – College Closed
January 17	Classes Begin
January 21	Weekend Classes Begin
January 23	Last day to register for Spring 16-week Session
February 1	Census Date
February 1	Deadline for students who have applied for Spring 2017 graduation to complete Change of Name and/or Change of Major form(s) at the Welcome Center
February 1	Last day for students to apply for Spring 2017 graduation
February 1	Last day for students to apply for Summer 2017 graduation and participate in Spring 2017 Commencement Ceremony
February 2	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
February 15	Spring 2017 Graduation Application Fee Payment Deadline
March 1	Application for Fall 2017 Graduation can be submitted
March 13 - 18	Spring Break – No Classes (All admin. Offices will be closed Friday)
March 30	Title IV 60% of semester (Financial Aid)
March 31	Last day to drop with an automatic “W”
April 3	Registration for Maymester, Summer & Fall 2017 Semesters
May 5	Last day to drop a course or withdraw from the University
May 6	Last day of Scheduled Classes
May 8 -13	Final Examinations – See your college catalog for schedule
May 13	End of Spring Semester
May 16	All grades for Spring 16-week session due by Noon via Jagwire
May 19	Spring 2017 Commencement

Spring Flex 1 Semester (8-Week) 2017

January 2	College Opens
January 9	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
January 12	Drop for Non-Payment
January 13	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
January 16	Martin Luther King Day – College Closed
January 17	Classes begin
January 20	Last day to Register for Spring Flex I classes
January 21	First Day of Saturday Classes
January 24	Census Date
January 25	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
February 1	Deadline for students who have applied for Spring 2017 graduation to complete Change of Name and/or Change of Major form(s) at the Welcome Center
February 1	Last day for students to apply for Spring 2017 graduation
February 1	Last day for students to apply for Summer 2017 graduation and participate in Spring 2017 Commencement ceremony
February 15	Spring 2017 Graduation Application Fee Payment Deadline
February 16	Title IV 60% of semester (Financial Aid)
February 17	Last day to drop with an automatic “W”
March 1	Application for Fall 2017 Graduation can be submitted
March 3	Last day to drop a course or withdraw from the University
March 8 - 11	Final Examinations – See your college catalog for schedule
March 11	End of Spring Flex I session
March 14	All grades for Spring Flex I session due by Noon via Jagwire

Spring Flex 2 Semester (8-Week) 2017

March 6	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
March 9	Drop for Non-Payment
March 15	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
March 20	Classes begin
March 24	Last day to register for Spring Flex II Session
March 25	First Day of Saturday Classes
March 27	Census date
March 28	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
April 3	Registration for Maymester, Summer & Fall 2017 semesters
April 19	Title IV 60% of semester (Financial Aid)
April 21	Last day to drop with an automatic “W”
May 5	Last day to drop a course or withdraw from the University
May 10 - 13	Final Examinations – See your college catalog for schedule
May 13	End of Spring Flex II
May 16	All grades for Spring Flex II session due by Noon via Jagwire
May 19	Spring 2017 Commencement

Maymester Session 2017

May 10	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
May 11	Drop for Non-Payment
May 12	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
May 15	Classes Begin
May 16	Census Date – No registration beyond this point
May 17	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
May 23	Last day to drop with an automatic “W”
May 25	Last day to drop a course or withdraw from the University
May 29	Memorial Day – College Closed
May 31	Last day of classes and Final Examinations
May 31	End of Session
June 4	All grades for Maymester session due by Noon via Jagwire

Summer Session (10-Week) 2017

May 30	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
June 1	Drop for Non-Payment
June 2	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
June 5	Classes Begin
June 9	Last day to register for Summer 10-week Session
June 10	First Day of Saturday Classes
June 13	Census Date
June 14	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
June 21	Deadline for students who have applied for Summer 2017 graduation to complete Change of Name and/or Change of Major form(s) at the Welcome Center
June 21	Last day for students to apply for Summer 2017 graduation and participate in Fall 2017 Commencement Ceremony
July 4	Independence Day Holiday – No Classes – College Closed
July 5	Summer 2017 Graduation Application Fee Payment Deadline
July 10	Title IV 60% (Financial Aid)
July 20	Last day to drop with an automatic “W” (Withdrawal)
August 4	Last day to drop a course or withdraw from the University
August 8	Last day of Scheduled Classes
August 9 - 12	Final Examinations
August 12	End of Summer 10-week session
August 15	All grades for Summer 10-week session due by Noon via Jagwire

Summer Session (8-Week) 2017

May 30	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
June 1	Drop for Non-Payment
June 2	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
June 5	Classes Begin
June 9	Last day to register for Summer 8-week Session
June 12	Census Date
June 13	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
June 20	Deadline for students who have applied for Summer graduation to complete Change of Name and/or Change of Major form(s) at the Welcome Center
June 20	Last day for students to apply for Summer graduation and participate in Fall Commencement Ceremony
July 3	Title IV 60% of semester (Financial Aid)
July 3	Last day to drop with an automatic "W"
July 4	Independence Day Holiday – No Classes – College Closed
July 5	Summer 2017 Graduation Application Fee Payment Deadline
July 14	Last day to drop a course or withdraw from the University
July 19	Last day of Scheduled Classes
July 20 - 22	Final Examinations
July 22	End of 8-week Session
July 25	All grades for Summer 8-week session due by Noon via Jagwire

First Summer Session (5-Week) 2017

May 30	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
June 1	Drop for Non-Payment
June 2	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
June 5	Classes Begin
June 7	Last day to register for First Summer 5-week Session
June 8	Census Date
June 9	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
June 21	Deadline for students who have applied for Summer graduation to complete Change of Name and/or Change of Major form(s) at the Welcome Center
June 21	Last day for students to apply for Summer graduation and participate in Fall Commencement Ceremony
June 23	Title IV 60% of semester (Financial Aid)
June 26	Last day to drop with an automatic "W"
June 30	Last day to drop a course or withdraw from the University
July 4	Independence Day Holiday – College Closed
July 5	Summer Graduation Application Fee Payment Deadline
July 5	Last day of Scheduled Classes
July 6 - 7	Final Examinations
July 7	End of First Summer 5-week session
July 11	All grades for First Summer 5-week session due by Noon via Jagwire

Second Summer Session (5-Week) 2017

July 3	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
July 4	Independence Day Holiday – College Closed
July 6	Drop for Non-Payment
July 7	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
July 10	Classes Begin
July 12	Last day to register for Second Summer 5-week Session
July 13	Census Date
July 14	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
July 28	Title IV 60% of semester (Financial Aid)
July 28	Last day to drop with an automatic “W”
August 4	Last day to drop a course or withdraw from the University
August 9	Last day of Scheduled Classes
August 10 – 11	Final Examinations
August 11	End of Second Summer 5-week session
August 15	All grades for Second Summer 5-week session due by Noon via Jagwire

ADMISSIONS

Chryssa Delgado, Director of Admissions
Senator Frank L. Madla Building
(210)784-1300
<http://www.tamusa.edu/admissions/>

Texas A&M University-San Antonio adheres to high standards of academic excellence and admits students in accordance with their level of academic preparation without regard to race, color, sex, age, religious commitment or national origin.

Questions on the admission application should be answered accurately. If the university grants a student admission on the basis of incorrect information or omitted facts, which, if known, would invalidate the applicant's eligibility, that student's admission is invalid. The completed application, supporting documents i.e. official transcripts from ALL previous college and universities, official transcripts showing high-school graduation, and test scores: SAT or ACT constitute the basis upon which the Office of Admissions determine eligibility for admission.

Applications will be processed after all required documentation has been received. An application is considered to be complete only when the Office of Admissions has received all required documentation, including completed application through ApplyTexas.org, required test scores, and official transcripts of all previous academic work. Incomplete applicants will not be processed. Completed applications are processed as they are received, and applicants are usually informed of their admission status within two to three weeks.

Application materials and information concerning all aspects of the admissions process may be obtained directly from:

Office of Admission
Texas A&M University-San Antonio
One University Way
San Antonio, TX 78224

Prospective students are strongly encouraged to apply early.

UNDERGRADUATE ADMISSION DOMESTIC STUDENTS

Application Fee

Applicants applying or reapplying to Texas A&M University-San Antonio are required to pay a non-refundable application fee of \$15. Payment is currently accepted in person (cash, card, check, money order or via mail by check, money order and is accepted at the Student Business Services Office located in room 135 in the Frank L. Madla Building located at main campus or mailed to:

Student Business Services
Texas A&M University-San Antonio
One University Way
San Antonio, TX 78224

Application and Transcript Submission

A student must complete the ApplyTexas application for U.S. Freshmen Admission online at applytexas.org. The student must request their registrar to send an official final transcript indicating grades through the applicant's junior year. The transcript should include current class rank and confirm coursework that will be completed through the senior year. Any student who has graduated from high school at the time of application, must provide an official high school transcript which includes: date of graduation, final class rank, and grades from all courses taken. To be considered official transcripts should have: an original signature of a school official and/or the school seal.

Transcripts and any supporting documents should be submitted to the Office of Admissions via secure electronic transcripts (e-script, National Student Clearinghouse, Parchment, or Trans Networks). We will also accept transcripts from your school's registrar or counselor through the Texas Records Exchange (TREx).

Testing

Applicants must either take the Scholastic Assessment Test (SAT) or American College Test (ACT). Students are encouraged to take the SAT or the ACT during the spring of their junior year in high school. Scores from tests taken later are acceptable if submitted by the freshman admission deadline. For the purposes of admission Texas A&M-San Antonio will consider students highest section scores across all the dates the SAT or ACT were taken to form the highest possible composite score, also known as superscoring.

When registering for the SAT or ACT, designate the scores be sent to Texas A&M University-San Antonio. Test scores may also be submitted on the official high school transcript. Test scores are not official and will not be accepted unless provided in these manners. Texas A&M University-San Antonio school code for the SAT is 5996 and the ACT code is 5350.

State of Texas Uniformed Admissions Policy

Texas Education Code (TEC) 51.803 – 51.809 requires all first-time freshmen seeking admission at a public four-year institution in Texas to satisfy one of the following college readiness standards in order to be eligible to be considered for admission.

- Successfully complete the Recommended or Advanced/Distinguished high school programs or a pre-college high school curriculum equivalent in content and rigor; or
- Satisfy ACT College Readiness Benchmarks (English- 18, Reading- 21, Mathematics- 22, and Science- 24); or
- Earn at least a 1500 out of 2400 SAT assessment score (Verbal + Math + Writing) or the equivalent

Freshman Admission Procedure

Freshmen applicants are students who have not been enrolled in any college-level institution except while still in high school. Freshmen applicants are also called “first time in college” applicants.

The application for admission and required supporting documentation i.e. test scores and transcripts must be submitted to the Office of Admissions by the following deadlines to ensure the application is processed prior to the beginning of the semester:

Fall 2016 Semester Priority:	March 15, 2016
Fall 2016 Semester Final Deadline:	June 30, 2016
Spring 2017 Semester Final Deadline:	December 15, 2016
Summer I, II, and 10 Week Final Deadline:	April 30, 2017

The application will not be accepted after the final deadline date. Supporting documents to complete admission files that are received after the application deadline will be accepted up to one week after the final deadline date.

Freshman Admission Requirements

Applications are reviewed to ensure that applicants present the academic preparation required to pursue study at this University. Students must successfully complete the Recommended High School Program, the Distinguished Achievement Program, the Texas Scholars Program, or another pre-college curriculum that is equivalent in content and rigor to fulfill the academic preparation requirement.

The units of study and acceptable high school courses are:

- English: 4 Credits;
- Laboratory Science: 4 Credits, at least 1 of which must be in Biology, Chemistry, or Physics;
- Mathematics: 4 Credits at the level of Algebra I or higher, which may include Plane Geometry;

- Social Studies: 4 Credits, which includes a 1/2 credit of Economics;
- Foreign Language: 2 Credits in one foreign language or American Sign Language.

While not required for admission, a high school course in computing may provide the skills needed to fulfill the University's computer literacy requirement.

Automatic Admission

Applicants who graduated or will graduate from an accredited U.S. high school and who rank in the top 25% of their high school graduating class are automatically offered admission. Official SAT or ACT scores must still be submitted.

Regular Admission

Applicants who graduated or will graduate from an accredited U.S. high school and who do not meet the automatic admission criteria as stated above must meet 2 of the 3 following requirements to be eligible for regular admission:

- Rank in the top 50% of their high school graduating class
- Earn a cumulative high school grade point average (GPA) of 2.0 on a 4.0 scale (other scales will be converted to a 4.0 scale)
- Satisfy the required scores on the SAT **or** ACT assessment:
SAT: Minimum score of 860 on the SAT Reasoning Tests (critical reading and math sections)
ACT: Minimum composite score of 18

Admission Committee Review

Those applicants who do not meet automatic or regular admission requirements may be considered under the Admission Committee Review process. The Undergraduate Admission Committee will review an applicant's high school class rank, standardized test scores, and high school coursework. The committee will also consider other factors such as participation in extracurricular activities, leadership experience, community service, talents and awards, employment, internships, summer activities, and extenuating circumstances. Although a personal statement essay, resume, and letters of recommendation are not required for regular admission, students who do not meet regular or automatic admission requirements are strongly encouraged to submit these supplemental materials for the admission committee to review. Students admitted under committee review may be subject to specific enrollment conditions established by the Undergraduate Admission Committee based on the applicant's individual circumstances and academic record.

Admission to the University does not guarantee admission to a particular college or academic program. If offered admission to a college or program, the student should contact the appropriate program advisor for more information related to degree requirements.

Applicants who are denied admission based on not meeting freshman admission requirements have the right to appeal the decision. Appeals are evaluated on a case-by-case basis and will not be accepted after July 15 (fall term), January 1 (spring term) or May 15 (summer terms). Submission of an appeal does not guarantee a change in the admission decision. Students that have extenuating circumstances or those that have improved academic credentials may submit an appeal. In order to be considered for an Admissions Decision Appeal, applicants are required to submit the following documents to the Office of Admissions: 1) Admissions Decision Appeal Form available online 2) A personal statement addressing why you are appealing and what you will do to succeed at A&M-San Antonio.

ACT Residual Testing

Texas A&M University-San Antonio (A&M-SA) offers alternative admission testing for students that have applied to the university and who were unable to take the SAT or ACT on a nationally scheduled test date. The ACT Residual scores are only valid at the institution where the student takes the test. Therefore, the exam is only available to students who have applied to A&M-SA. No student reports or high school report will be generated and no additional score reports may be ordered from A&M-SA or ACT to send to another institution. Students may not repeat Residual testing until 60 days have passed since their previous testing, but they may take the national ACT immediately. If the 60-day limit is violated, the retest scores will be cancelled automatically without refund. Residual testing can only be used for admission purposes at A&M-SA, the ACT residual exam is not accepted for NCAA initial eligibility, cannot be used for TSI exemptions, and cannot be used when applying for scholarships.

Registration for ACT Residual Testing

Registration information and test fees are collected by the university. Once eligibility is determined by the testing center students will be scheduled for a test date with the testing center. The ACT Residual will be offered once a month. The cost is a \$55 non-refundable fee. ACT permits examinees to use a calculator on the Mathematics test but not on any other tests. Use of a calculator is optional. All problems can be solved without a calculator. Any four-function, nonscientific, or graphing calculator may be used, unless it is specifically prohibited by ACT. Please visit <http://www.actstudent.org/> to see if your calculator will be allowed prior to the test day.

Preparation

Students can take practice tests on the ACT website at <http://www.actstudent.org/>.

Test Day

On the day of the test, you should report to the building and room listed when you registered for the exam. You must bring a current photo-id (issued by a school, employer, or city/state/federal government agency). The test is comprised of four sections, English, Math, Reading, and Science. Actual test time is 2 hrs and 55 minutes. Candidates should allot for 4 hours for the exam, this includes the check-in process, the reading of test instructions, and a break.

Test Scores

Students will not receive a copy of their test score, rather test scores will be forwarded to the admissions office for review of admissibility. Students will receive notification by mail and e-mail regarding the admission decision post-test. Students may view their score through their student portal on the admissions checklist.

Transfer Admission

Transfer Admission Deadlines

To ensure full consideration, the completed ApplyTexas application (for U.S. Transfer Admission) and all required documents and supporting material must be on file in the Office of Admissions by the following dates:

Fall Semester:	August 5
Spring Semester:	January 6
Summer I and 10 Week:	June 1
Summer II:	July 1

Transfer Student Admission Requirements

There are two types of transfer students as defined by the University and include: Freshmen transfers-those who have graduated from high school and who fully matriculated in a college/university post-high school earning 29 academic transfer hours or less. Transfer students have graduated from high school and matriculated into a college/university and earned 30 or more academic transfer hours. Developmental courses and vocational/technical courses are not included in these totals.

- Freshmen transfer students with 29 hours or less (not including developmental courses) must meet the following admission criteria:
 - Freshmen admissions requirements listed above: official final high school transcript with graduation date posted and provide SAT or ACT test scores.
 - Cumulative college transfer grade point average (GPA) of 2.0 on a 4.0 scale.
- **Transfer Students with 30 or more earned semester credit hours (not including developmental courses) must meet the following:**
 - Cumulative college transfer grade point average (GPA) of 2.0 on a 4.0 scale.

Freshmen Transfer Application Process

1. Complete the online application for admission for Texas A&M University-San Antonio at www.applytexas.org.
2. Submit your official high school transcript.

3. Submit your official SAT or ACT scores.
 4. Submit official transcripts from ALL prior universities or colleges attended, as well as military transcripts. Transcripts should not be dated more than one year old from the print date on the transcript.
 5. Transcripts should be sent via mail to:
 - Texas A&M University-San Antonio
 - Office of Admissions
 - One University Way
 - San Antonio, TX 78224
1. If previous institutions participate in the sending of secure electronic transcripts
 2. (e-script, National Student Clearinghouse, Parchment, or Trans Networks)
 3. transcripts can be sent via email to: Admissions.Office@tamusa.edu
 4. Pay non-refundable \$15 application fee.
 5. Admission to the University does not guarantee admission to specific departments.

Transfer Student Application Process

1. Complete the online application for admission for Texas A&M University-San Antonio at www.applytexas.org.
 2. Submit official transcripts from ALL prior universities or colleges attended, as well as military transcripts. Transcripts should not be dated more than one year old from the print date on the transcript.
 3. Transcripts should be sent via mail to:
 - Texas A&M University-San Antonio
 - Office of Admissions
 - One University Way
 - San Antonio, TX 78224
1. If previous institutions participate in the sending of secure electronic transcripts
 2. (e-script, National Student Clearinghouse, Parchment, or Trans Networks)
 3. transcripts can be sent via email to: admissions@tamusa.tamus.edu
 4. Pay non- refundable \$30 application fee.
 5. Admission to the University does not guarantee admission to specific departments.

Applications will not be evaluated until all official transcripts from previous colleges and/or universities are received.

Transfer students who do not meet published admission criteria do not qualify for automatic admission to Texas A&M University-San Antonio.

Applicants who were denied based on not meeting the 2.0 GPA admission requirement have the right to appeal the admissions decision. Appeals are evaluated on a case-by-case basis and will not be accepted after the first class day in the term the student is seeking admission. Submission of an appeal does not guarantee a change in the admission decision. Transfer students that have extenuating circumstances or those that have improved academic credentials may submit an appeal. In order to be considered for an Admissions Decision Appeal, applicants are required to submit the following documents to the Office of Admissions: 1) Admissions Decision Appeal Form available online 2) A personal statement addressing why you are appealing and what you will do to succeed at A&M-San Antonio.

Transient Student Admission Requirements

The transient category of admission is designed for students who are attending another college or university and want to enroll at Texas A&M University-San Antonio and are not interested in pursuing a degree at Texas A&M University-San Antonio. Transient students:

- are admitted only for one semester at a time. If continued enrollment is desired, students must follow the appropriate admission application procedures.
- are not eligible for financial assistance.
- must show proof of TSI compliance to register
- do not have transfer coursework articulated.
- must register with an advisor.

Students applying as non-degree seeking must submit a completed Application for Admission, official copy of their **most recent** transcript and the \$15 application fee according to the admissions deadlines. The Apply Texas Application is available online at <https://www.applytexas.org>.

International applicants cannot apply as transient students.

International Undergraduate Admissions

The Office of Admissions facilitates and oversees the admission process for Texas A&M University-San Antonio's international population. The Office of Admissions is responsible for receiving official transcripts, Academic Credential Reports and test scores for English Proficiency, once all necessary admission documents are received, processed, and a decision is made students must contact the Office of International Affairs for additional requirements.

The Office of International Affairs (OIA) facilitates and oversees the immigration process for Texas A&M University-San Antonio's international population. The OIA serves as a welcoming presence for all international students, foreign faculty and staff and is the institution's primary service department for all immigration needs. The OIA's mission is to protect the integrity of the institution by complying with state, local and federal regulations.

International Freshmen Admission Deadlines

Completed applications and required documentation must be submitted to the Office of Admissions, Texas A&M University-San Antonio, by the following deadlines to ensure the application is processed prior to the beginning of the semester:

Fall 2016 Semester Priority:	March 15, 2016
Fall 2016 Semester Final Application Deadline:	June 30, 2016
Fall 2016 Final required admission documents deadline:	July 15, 2016
Spring 2017 Semester Final Application/Document Deadline:	December 15, 2016
Summer I, II, and 10 Week Final Application/Document Deadline:	April 30, 2017

International Freshmen Admission Requirements

Students seeking admission to a bachelor's program at Texas A&M University-San Antonio must submit the following:

1. Complete application for freshmen international admission, including the non-refundable \$50 application fee. The Apply Texas Application is available online at <https://www.applytexas.org>.
2. International transcript evaluation report: To obtain an international evaluation report you must submit official transcripts from all international high schools, colleges, and universities attended to one of the university-approved evaluation listed below (A detailed course by course evaluation no older than one year old from the time of application is required):

Foreign Credentials Services of America

1910 Justin Lane
Austin, TX 78757
Phone: 1 (877) 553-4285
Fax: (512) 459-4565
E-mail: info@foreigncredentials.org
Foreigncredentials.org

Educational Credential Evaluators, Inc.

P.O. Box 514070
Milwaukee, Wisconsin 53203-3470
Phone: 414.289.3400
Fax: 414.289.3411
E-mail: eval@ece.org
www.ece.org

Global Credential Evaluators, Inc.

P.O. Box 9203
College Station, TX 77842
Phone: 800-707-0979
Fax: 979-690-6342
E-mail: gce@gceus.com
www.gceus.com

World Education Services

P.O. Box 745
Old Chelsea Station
New York, New York 10113-0745
Phone: 212.966.6311
Fax: 212.739.6100
E-mail: info@wes.org
www.wes.org

SpanTran: The Evaluation Company

2400 Augusta Drive
Suite 451, Houston, TX 77057
Phone 713.266.8805
Fax 713.789.6022
E-mail: <http://www.spantran.com/contact-us/>
<http://www.spantran.com/>

3. Once evaluated, the agency you choose must forward their evaluation report directly to the Office of Admissions. We only accept evaluation reports from the agencies listed above. **Do not send your international transcripts to our University. We only require the transcript evaluation report provided by the agency.**
4. If students have 29 earned academic credit hours or less from another college or university, they must submit official SAT or ACT scores. SAT code: 5996; ACT code 5350. For the purposes of admission a minimum score of an 18 composite on the ACT or an 860 (critical reading and math) composite on the SAT must be achieved.
5. Possess the equivalent of a 2.0 out of a 4.0 grade point average for admission consideration if coming from a foreign or domestic high school.
6. Official U.S. college transcripts. You must submit official transcripts from all U.S. colleges and universities attended. An official transcript bears the original signature of a school official and/or an official seal. Remedial or duplicate credits cannot be transferred.
7. Proof of English proficiency (see below).
8. Proof of ability to meet personal and academic expenses. A minimum of \$28,846 (U.S.) per year is currently required to meet such expenses. Valid financial support documents (less than one year old from the issue date) must indicate the minimum U.S. dollar amount required by the university. The required minimum is subject to change without notice. **Must submit this documentation to the Office of International Affairs.**

International Transfer Admission Requirements

International Transfer Admission Deadline

To ensure full consideration, the completed ApplyTexas Application (for U.S. Transfer Admission) and all required documents and supporting material must be on file in the Office of Admissions by the following dates:

Fall Semester:	August 5
Spring Semester:	January 6
Summer I and 10 Week:	June 1
Summer II:	July 1

Students are eligible for admission as an international transfer student if:

- Not a U.S. citizen nor a permanent resident of the United States, and
- A holder or prospective holder of an F-1 student visa, and
- Have or will have earned 30 or more transferable academic college credit hours at the time of intended transfer.

International Transfer Admission Requirements

International transfer students seeking admission to a bachelor's program at Texas A&M University-San Antonio must submit the following:

1. Complete application for international admission, including the non-refundable \$50 application fee. The Apply Texas Application is available online at <https://www.applytexas.org>.
2. International transcript evaluation report: To obtain an international evaluation report you must submit official transcripts from all international colleges, and universities attended to one of the university-approved evaluation listed below (A detailed course by course evaluation no older than one year old from the time of application is required):

Foreign Credentials Services of America

1910 Justin Lane
Austin, TX 78757
Phone: 1 (877) 553-4285
Fax: (512) 459-4565
E-mail: info@foreigncredentials.org
Foreigncredentials.org

Educational Credential Evaluators, Inc.

P.O. Box 514070
Milwaukee, Wisconsin 53203-3470
Phone: 414.289.3400
Fax: 414.289.3411
E-mail: eval@ece.org
www.ece.org

Global Credential Evaluators, Inc.

P.O. Box 9203
College Station, TX 77842
Phone: 800-707-0979
Fax: 979-690-6342
E-mail: gce@gceus.com
www.gceus.com

World Education Services

P.O. Box 745
Old Chelsea Station
New York, New York 10113-0745
Phone: 212.966.6311
Fax: 212.739.6100
E-mail: info@wes.org
www.wes.org

SpanTran: The Evaluation Company

2400 Augusta Drive
Suite 451, Houston, TX 77057
Phone 713.266.8805
Fax 713.789.6022
E-mail: <http://www.spantran.com/contact-us/>
<http://www.spantran.com/>

3. Once evaluated, the agency you choose must forward their evaluation report directly to the Office of Admissions. We only accept evaluation reports from the agencies listed above. **Do not send your international transcripts to our University. We only require the transcript evaluation report provided by the agency.**
4. Official U.S. college transcripts. You must submit official transcripts from all U.S. colleges and universities attended. An official transcript bears the original signature of a school official and/or an official seal. Remedial or duplicate credits cannot be transferred.
5. Transfer grade point average of a 2.0 on a 4.0 grade point average.
6. Proof of English proficiency (see below).

7. Proof of ability to meet personal and academic expenses. A minimum of \$28,846 (U.S.) per year is currently required to meet such expenses. Valid financial support documents (less than one year old from the issue date) must indicate the minimum U.S. dollar amount required by the university. The required minimum is subject to change without notice. **Must submit this documentation to the Office of International Affairs.**

Proof of English Proficiency for Undergraduate Students

Texas A&M University-San Antonio requires all applicants from foreign countries to demonstrate their ability to speak, write, and understand the English language by taking the Test of English as a Foreign Language (TOEFL) Exam. A minimum TOEFL score of 500 (paper-based) or 61 (Internet-based) is required. Students must use Texas A&M University-San Antonio's school code for the TOEFL, which is 6712.

The following scores are considered equivalent to the TOEFL scores of 500/173/61:

- SAT Verbal 500; ACT Verbal 19 English; TAKS 2200 English/3 Writing; TAAS 1770; SLEP 53; or IELTS 5.0 overall band score. SAT or ACT scores are not required for admission but can be used for placement purposes.

Students may be eligible for a TOEFL waivers based on the following:

- Completion of the advanced-level Texas Intensive English Program (TIEP) offered by the Texas International Education Consortium (TIEC).
- Students who have completed their entire formal education at the secondary or postsecondary level in the following countries are exempt from the TOEFL requirement:

American Samoa	Cayman Islands	Jamaica
Australia	Dominica	Liberia
Bahamas	Federated States of Micronesia	New Zealand
Barbados	Grenada	United Kingdom (all)
Belize	Guam	Trinidad-Tobago
Canada (except Quebec)	Guyana	Virgin Islands

Please note: Applicants from Puerto Rico, where Spanish is the primary language, are required to submit a TOEFL or equivalent.

- Students who have earned at least 12 transferrable semester credits AND completed English Composition I or II, with grades of C or better in each, in university-level courses from an accredited U.S. college or university, or an institution of higher education in one of the countries listed above, are exempt from TOEFL. ESL Courses will not count as transferrable courses. No online English courses are accepted for English Proficiency.
- ACCUPLACER 78 Reading/88 Writing/5 or higher on Essay can be used as a TOEFL exemption.
- Earned a bachelor's degree from a US Institution.

The application review process will not begin until all documents are received. Additional documents for I-20/Visa purposes may be required. Please refer to International Affairs section.

Readmission

Former students who have had a break in enrollment of more than one year from the university, are in good academic standing with the university, and did not attend elsewhere after leaving A&M-SA must submit a readmission application and pay the \$15 application fee. Students who have enrolled at another institution after leaving A&M-SA and who are in good academic standing at that institution must request that official transcripts be sent to the Office of Admissions. Readmission applications can be submitted at www.applytexas.org. If work from

former institutions is evaluated after readmission and it is determined that the student's transfer grade point average is below 2.0, the student will be deemed ineligible to continue. Students who have been on scholastic probation or were academically dismissed from the university and are returning to the university should refer to the Scholastic Probation and Dismissal section of the catalog.

Undergraduate Transfer Credit

Transfer Credit Calculation and Evaluation

The transfer grade point average is calculated on all transferred college work the applicant has undertaken, whether passed or failed. Transfer grades cannot be used to raise the grade point average at Texas A&M University-San Antonio.

Texas A&M University-San Antonio allows students to transfer lower-division (freshman and sophomore) courses from a community college. Although general credit may be granted, not all course work will necessarily be used for graduation requirements. **For a timely evaluation, please see “Admission Deadlines” for information concerning submission of credentials to the Office of Admissions.**

Transfer of academic credit from a regionally accredited institution

The transfer of courses from other regionally accredited colleges and universities to the University is guided and controlled by the general provisions of the Texas Higher Education Coordinating Board (THECB) rules and regulations regarding transfer of credit, core curriculum and field of study courses.

The University has signed the TEAMSA Agreement to facilitate degree completion for the Alamo College students who have chosen to pursue a Bachelor’s degree at A&M-San Antonio. A&M-San Antonio also has several articulation agreements with other community colleges to facilitate the transfer of student and acceptance of lower level course credits.

Academic Fresh Start

The “Right to an Academic Fresh Start” legislation, passed by the 73rd Texas Legislature, entitles residents of this state to seek admission to public institutions of higher education as undergraduate students without consideration of courses undertaken ten or more years prior to enrollment. This law gives students the option of electing to have coursework taken ten or more years prior to the starting date of the semester in which the applicant seeks to enroll either counted as usual or ignored for admission purposes. Applicants who elect to apply for admission under this law and who are admitted as students may not receive any course credit for courses undertaken ten or more years prior to enrollment.

The intent of the “Fresh Start” legislation is to provide students with an opportunity to clear their academic records, if they choose to do so, of all college-level work accumulated ten or more years ago. Students may not pick and choose what is to be ignored and what is not. Either all college hours ten or more years old are ignored or they are counted. Applicants interested in seeking a “Fresh Start” should contact the Office of Admissions to obtain the form for academic fresh start. Students may request the form via e-mail at: beajaguar@tamusa.edu.

Transfer of credit from a non-regionally accredited institution or transfer of vocational/technical credit

A Course Evaluation Request form will be obtained and completed with an Academic Advisor for each course to be evaluated at the time of enrollment. The student will provide documentation that references the content and learning outcomes of the course and the instructor’s academic qualifications. The University recognizes vocational/technical credit for coursework taken on a non-credit basis only in the Bachelor of Applied Arts and Sciences.

Core Complete Transfer

A student who successfully completes the core curriculum of another state-assisted institution of higher education in Texas may transfer that block of courses to the University. The student will receive academic credit for each of the courses transferred. A student transferring to the University who has not completed the common core curriculum will be required to complete his or her common core curriculum as specified by the University. The transcript must indicate core complete.

Transfer Credit for Military Service

The university currently awards 8 Kinesiology (KINE) credits to students who have submitted their Joint Services Transcript (JST). Students, who submit a Community College of the Air Force (CCAF) transcript, are awarded 4 KINE credits. The university requires submission of the JST for this credit to be awarded; the university does not automatically add these courses for students who identify themselves as military either by the Office of Military Affairs office or by submitting a Discharge from Active Duty (DD214) form.

Additionally, the ACE transfer credit guidelines are used for awarding credit. These guidelines are at: <http://www.acenet.edu/news-room/Pages/Transcripts-for-Military-Personnel.aspx>. Although general credit may be granted, not all course work will necessarily be used for graduation requirements.

The university accepts the College Credit for Heroes (CCFH). Students wishing to be awarded transfer credit from CCFH must also submit a JST. The university has created a Texas Success Initiative (TSI) Military exemption waiver & TSI Military Certification form to make the military TSI exemption clearer and the process easier for military members.

Undergraduate Students Subject to Senate Bill (SB) 1231

Undergraduate students who completed a high school program, or the equivalent, and entered a Texas public institution of higher education for the first time on or after the fall semester of 2007 are subject to the requirements of SB 1231.

Beginning with the 2007-2008 academic year, undergraduate students subject to SB 1231 will be permitted only six (6) non-punitive drops during their undergraduate studies. Therefore, drops falling under SB 1231 annotated on official transcripts received from other colleges and/or universities will be transferred to Texas A&M University-San Antonio for the purpose of maintaining the number of drops accumulated by the student.

For additional information on drops subject to SB 1231, refer to the section of the catalog titled “Academic Regulations” under the sub-title of “Dropping a Course.”

Resolution of Transfer Disputes for Lower Division Courses

The following procedures shall be followed by Texas A&M University-San Antonio in the resolution of credit transfer disputes involving lower division courses:

1. If the admission office nor the appropriate college or program advisor at Texas A&M University-San Antonio does not accept course credit earned by a student at another institution of higher education, the university shall give written notice to the student and to the sending institution that transfer of the course credit is denied. Texas A&M University-San Antonio shall provide written notice of the reasons for denying credit for a particular course or set of courses at the request of the sending institution.
2. A student who receives notice as specified in No. 1 above may dispute the denial of credit by contacting a designated official at either the sending institution or Texas A&M University-San Antonio.
3. Texas A&M University-San Antonio, the sending institution, and the student shall attempt to resolve the transfer of the course credit in accordance with Coordinating Board rules and guidelines.
4. If the transfer dispute is not resolved to the satisfaction of the student or the sending institution within 45 days after the date the student received written notice of denial, Texas A&M University-San Antonio shall notify the Commissioner of its denial and the reasons for the denial.
5. The Commissioner of Higher Education or the Commissioner’s designee shall make the final determination about a dispute concerning the transfer of course credit and give written notice of the determination to the involved student and institutions.

The Coordinating Board shall collect data on the types of transfer disputes that are reported and the disposition of each case that is considered by the Commissioner or the Commissioner’s designee.

If Texas A&M University-San Antonio has cause to believe that a course being presented by a student for transfer from another institution is not of an acceptable level of quality, it should first contact the sending institution and attempt to resolve the problem. In the event that Texas A&M University-San Antonio and the sending institution are unable to come to a satisfactory resolution, Texas A&M University-San Antonio may notify the Commissioner of Higher Education, who may investigate the course. If its quality is found to be unacceptable, the Board may discontinue funding for the course.

Transfer Credit Toward Undergraduate Programs by Examination

Texas A&M University-San Antonio participates in several nationally recognized, standardized testing programs. These exams are designed, monitored, scored and validated by authoritative educational testing agencies and enjoy wide acceptance throughout higher education. Students may transfer in an unlimited number of hours of credit earned through the examinations described below. However, students must meet A&M-San Antonio residency policies to earn a degree.

College Level Examination Program (CLEP)

Sponsored by the College Board, the CLEP affords students the opportunity to earn lower-division credit in a variety of college subjects, as well as through a series of general examinations that cover broad areas of collegiate education. Preparation for CLEP exams may be based on self-study or prior formal instruction.

Through CLEP exams it is possible to earn up to 90 lower-division credits. A&M-San Antonio does not accept CLEP exams that duplicate lower-division coursework previously transferred for credit. CLEP exams are offered at testing centers across the nation and by special arrangement at military installations around the world. A&M-San Antonio accepts test scores regardless of where the tests are administered. CLEP sponsors two types of exams—general and subject.

1. CLEP General Examinations

The CLEP General Examinations provide a comprehensive measure of achievement in five basic areas of liberal arts and sciences. Each examination assesses the extent to which the student has mastered general knowledge in the area.

2. CLEP Subject Examinations

The CLEP Subject Examinations measure achievement in specific undergraduate courses common to U.S. institutions of higher education. Subject exams stress understanding, the ability to perceive relationships, and the student's grasp of principles, concepts and factual materials in individual subjects. Subject Examinations consist of multiple-choice questions covering more than 30 college-level subjects. To receive credit at A&M-San Antonio for these exams, students must earn at least the minimum score recommended by the ACE Guide. The awarding of A&M-San Antonio credit follows College Board recommendations.

Exam Title	Credit-Granting Score	Semester Hours	A&M-San Antonio Equivalent
Business			
Financial Accounting	50	3	ACCT 2301
Information Systems	50	3	n/a
Introductory Business Law	50	3	n/a
Principles of Management	50	3	MGMT 3311
Principles of Marketing	50	3	MKTG 3311
Composition & Literature			
American Literature	50	3	ENGL 2326
Analyzing and Interpreting Literature	50	3	n/a
College Composition	50	6	ENGL 1301 and 1302
College Composition Modular	50	3	ENGL 1301
English Literature	50	3	ENGL 2321
Humanities	50	3	n/a
History & Social Sciences			
American Government	50	3	GOVT 2305

Exam Title	Credit-Granting Score	Semester Hours	A&M-San Antonio Equivalent
History of the United States I	50	3	HIST 1301
History of the United States II	50	3	HIST 1302
Human Growth and Development	50	3	PSYC 3327
Introduction to Educational Psychology	50	3	n/a
Introductory Psychology	50	3	PSYC 2301
Introductory Sociology	50	3	SOCI 1301
Principles of Macroeconomics	50	3	ECON 2301
Principles of Microeconomics	50	3	ECON 2302
Social Sciences and History	50	6	n/a
Western Civilization I	50	3	HIST 2321
Western Civilization II	50	3	HIST 2322
Science & Mathematics			
Biology	50	6	BIOL 1308 and BIOL 1309
Calculus	50	4	MATH 2313/2113
Chemistry	50	6	CHEM 1311 and CHEM 1312
College Algebra	50	3	MATH 1314
College Mathematics	50	6	n/a
Natural Sciences	50	6	BIOL 1308 and BIOL 1309
Precalculus	50	3	MATH 2312
World Languages			
French Language: Level 1	50	6	FREN 1411 and FREN 1412
French Language: Level 2	59	9	FREN 1411, FREN 1412, FREN 2311 and FREN 2312
German Language: Level 1	50	6	GERM 1411 and GERM 1412
German Language: Level 2	60	11	GERM 1411, 1412, and GERM 2311
Spanish Language: Level 1	50	6	SPAN 1311 and SPAN 1312
Spanish Language: Level 2	63	9	SPAN 1311, SPAN 1312, and SPAN 2311

DANTES Subject Standardized Tests (DSSTs)

A form of prior learning assessment, DSSTs offer students a cost effective, time saving way to use their knowledge acquired outside of the classroom (perhaps from reading, on-the-job training, or independent study) to accomplish their educational goals. A&M-San Antonio awards credit for the following DSSTs subject standardized tests based on the scores below:

Exam Title	Credit-Granting Score	Semester Hours	A&M-San Antonio Equivalent
Art of the Western World	400	3	ARTS 1301
Business Mathematics	400	3	MATH 1324
Criminal Justice	400	3	CRIM 1301
Foundations of Education	400	3	EDUC 1301
Human/Cultural Geography	400	3	GEOG 1302
Principles of Statistics	400	3	MATH 1342

Advanced Placement (AP) Examinations

The AP Exams were designed by the College Entrance Examination Board (College Board) to enable students to pursue college-level studies while still in secondary school. They are specifically intended to stimulate both students and teachers to higher achievement and to help eliminate the needless duplication of studies later in college. Exams are available in more than 30 different areas, such as biology, calculus, chemistry, classics, European history and psychology. AP exams are graded on a five-point scale in which one (1) is the lowest and five (5) is the highest. Students must achieve a score of three (3) or higher to receive credit at A&M-San Antonio.

Exam Title	Credit-Granting Score	Semester Hours	A&M-San Antonio Equivalent
AP Art History	3	3	ARTS 1301
AP English Language and Composition	3	3	ENGL 1301
AP English Language and Composition	4	6	ENGL 1301 and ENGL 1302
AP English Literature and Composition	3	3	ENGL 2321
AP Human Geography	3	3	GEOG 1302
AP Macroeconomics	3	3	ECON 2301
AP Microeconomics	3	3	ECON 2302
AP Psychology	3	3	PSYC 2301
AP United States Government and Politics	3	3	GOVT 2305
AP United States History	3	3	HIST 1301 and HIST 1302
AP World History	3	3	HIST 2321 and HIST 2322
AP Statistics	3	3	MATH 1342
AP Calculus AB	3	4	MATH 2313 and MATH 2113
AP Calculus BC	3	8	MATH 2313, MATH 2113, MATH 2314, and MATH 2114
AP Biology	3	3	BIOL 1308
AP Biology	4	6	BIOL 1308 and BIOL 1309
AP Chemistry	3	3	CHEM 1311
AP Chemistry	4	6	CHEM 1311 and CHEM 1312
AP Physics C: Electricity and Magnetism	3	3	PHYS 2326

Exam Title	Credit-Granting Score	Semester Hours	A&M-San Antonio Equivalent
AP Physics C: Mechanics	3	3	PHYS 2325
AP Physics 1: Algebra-Based	3	3	PHYS 1301
AP Physics 2: Algebra-Based	3	3	PHYS 1302
AP Chinese Language and Culture	3	8	CHIN 1411 and CHIN 1412
AP Chinese Language and Culture	4	14	CHIN 1411, CHIN 1412, CHIN 2311 and CHIN 2312
AP French Language and Culture	3	8	FREN 1411 and FREN 1412
AP French Language and Culture	4	14	FREN 1411, FREN 1412, FREN 2311 and FREN 2312
AP German Language and Culture	3	8	GERM 1411 and GERM 1412
AP German Language and Culture	4	14	GERM 1411, GERM 1412, GERM 2311 and GERM 2312
AP Italian Language and Culture	3	8	ITAL 1411 and ITAL 1412
AP Italian Language and Culture	4	14	ITAL 1411, ITAL 1412, ITAL 2311 and ITAL 2312
AP Japanese Language and Culture	3	8	JAPN 1411 and JAPN 1412
AP Japanese Language and Culture	4	14	JAPN 1411, JAPN 1412, JAPN 2311 and JAPN 2312
AP Latin	3	8	LATI 1411 and LATI 1412
AP Latin	4	14	LATI 1411, LATI 1412, LATI 2311 and LATI 2312
AP Spanish Language and Culture	3	6	SPAN 1311 and SPAN 1312
AP Spanish Language and Culture	4	12	SPAN 1311, SPAN 1312, SPAN 2311 and SPAN 2312
AP Spanish Literature and Culture	3	3	SPAN 2320

International Baccalaureate (IB)

In compliance with Senate Bill 111, International Baccalaureate Examinations are accepted by Texas A&M-San Antonio to those that have earned the IB Diploma and received an exam score of a 4 or higher on the Standard Level exams. Students must have completed the examinations before they graduated from high school. Up to 24 semester hours of course specific college credit in subject appropriate areas can be awarded. Some course credit may be awarded to those that did not earn the IB Diploma, but successful completed the IB subject area exams for the Higher Level and received a score that meets the Texas A&M-San Antonio standard.

Transcripts must be sent directly to Texas A&M-San Antonio from the examining body. Academic advisors can provide information regarding scores and credit awarded.

Texas Success Initiative (TSI)

The Texas Success Initiative (TSI) requires students to be assessed in reading, writing and mathematical skills before enrolling in a Texas public college or university. Texas Education Code Section 51.3062 provides institutions of higher education a means of determining students' readiness to enroll in freshman-level course work. Prior to enrollment, each student must be assessed in three skill areas (reading, writing, and mathematics) by taking the TSI examination and achieving the following scores:

- Mathematics - 350
- Reading - 351
- Writing –
 - Placement score of at least 350 and an essay score of at least a 5; OR
 - Placement score of at least 363 and an essay score of 4; OR
 - Placement score of less than 350, and an ABE Diagnostic level of at least a 4, and an essay score of at least a 5

The fee for the completion of the assessment instrument will be paid by the student.

Exemptions

The following exemptions may be applied to those that are eligible and who have not met TSI requirements. It is the responsibility of the student to provide the documents necessary for A&M-SA to determine the student's eligibility for the exemption.

ACT	Obtain a composite score of 23 with a minimum of 19 on the English test shall be exempt for both the reading and writing sections of the TSI Assessment, and/or 19 on the mathematics test shall be exempt for the mathematics section of the TSI Assessment. Valid for a period of five (5) years from the date of the test.
SAT	A critical reading and mathematics score of 1070 with a minimum of 500 on the critical reading test shall be exempt for both reading and writing sections of the TSI Assessment, and/or 500 on the mathematics test shall be exempt for the mathematics section of the TSI Assessment. Valid for a period of five (5) years from the date of the test.
TAAS/TLI	Tested and performs on the Texas Assessment of Academic Skills (TAAS) with a minimum scale score of 1770 on the writing test, a Texas Learning Index (TLI) of 86 on the mathematics test and 89 on the reading test. Valid for a period of three (3) years from the date of the test.
TAKS	A minimum scale score of 2200 on the math section and/or a minimum scale score of 2200 on the English Language Arts section with a writing subsection score of at least 3. Valid for a period of five (5) years from the date of the test.
STAAR	A minimum score of Level 2 on the English III for both the reading and writing, and a minimum score of Level 2 on the Algebra II. Valid for a period of five (5) years from the date of test.
Military	Students who are serving on active duty as a member of the armed forces of the United States, Texas National Guard as a member of a reserve component of the armed forces of the United States and has been serving for at least three years preceding enrollment. A student who on or after August 1, 1990, was honorably discharged, retired, or released from active duty as a member of the armed forces of the United States or the Texas National Guard or service as a member of a reserve component of the armed forces of the United States.
Transfer	Students who has graduated with an associates or baccalaureate degree from an institution of higher education. A student who transfers from a private or independent institution of higher education or an accredited out-of-state institution of higher education and who has satisfactorily completed college-level coursework as determined by by A&M-SA. A student who has previously attended any institution and has been determined to have met readiness

standards by that institution. Students, who meet non-Algebra intensive readiness standards in mathematics, may need to complete additional preparatory coursework/interventions for Algebra intensive courses.

A student who previously enrolled in a certificate program of one year or less (Level-One certificates, 42 or fewer semester credit hours or the equivalent) at a public junior college, a public technical institute, or a public state college.

Exemptions will only be used to satisfy the TSI requirement for admittance purposes. Students exempt from TSI requirements may still need to take lower-level, prerequisite courses. TSI assessment results or proof of exemption must be submitted to the Office of Admissions. For more information on what documents are needed for the exemptions, please contact the Office of Admissions at (210)784-1300.

MENINGITIS INFORMATION

Texas Senate Bill 1107 requires all students (under the age of 22) entering an institution of higher education (public and private) to either receive an initial vaccination against bacterial meningitis or a booster dose during the five-year period preceding and at least 10 days prior to the first day of the first semester in which the student initially enrolls at an institution or meets certain criteria for declining such a vaccination. In addition, students under the age of 22 who have taken a break in enrollment of at least one fall or spring semester at the same or another institution are also required to obtain a booster if the date of the original vaccination has expired. Transfer students are considered entering students. This information shall be maintained in accordance with Family Education Rights and Privacy Act Regulations and with Health Insurance Portability and Accountability Act.

The University has chosen to work with Magnus Health SMR (Student Medical Record) to provide web-based access for submitting evidence of the vaccination or booster. Evidence of a vaccination or booster must be uploaded by students and approved by Magnus Health SMR no later than 10 days prior to the start of the semester.

Extensions for vaccination and approval by Magnus Health SMR may be granted up to 10 days after the first day of class. The student may request an extension by submitting an extension request form to the Welcome Center.

Students who have been granted an extension and have not submitted documentation of the vaccination or have not been approved through Magnus Health SMR by the submission deadline will be dropped from courses as required by state law.

Exemptions may be requested for reasons of conscience or by the recommendation of a physician. This documentation must also be submitted to and approved by Magnus Health SMR.

This requirement does not include:

- Students who are 22 years of age or older
- Students who are enrolled only in online courses or other distance education courses. Students who will be enrolled only in online courses must submit an exemption form each semester to the Welcome Center. Students will be required to submit an Add/Drop form through his/her advisor and the registrar's office to register for classes.

As part of the implementation of Senate Bill 1107, Texas A&M University-San Antonio (A&M-SA) will place a registration hold on all new incoming and former students under the age of 22. The registration hold prevents new and former students at A&M-SA from registering for classes until appropriate documentation has been submitted. Additional information about providing documentation of meningitis vaccination is available online: <http://www.tamusa.edu/welcomecenter/NewStudentChecklist/meningitisevaccine.html>.

GRADUATE ADMISSIONS

Chryssa Delgado, Director of Admissions
Senator Frank L. Madla Building
(210)784-1300
<http://www.tamusa.edu/admissions/>

Caitie Garza, Graduate Admissions Coordinator
(210) 784-1300

GRADUATE ADMISSION REQUIREMENTS

In order to apply for admission, the applicant must submit an application directly to the Office of Admissions. A student must be admitted to a specific program in order to take courses for graduate credit. This applies to students with an undergraduate degree from Texas A&M University-San Antonio as well as to others. In accordance with program requirements, students must receive a satisfactory score on the appropriate nationally standardized graduate aptitude examination(s). These scores are valid for a period of five years from the date taken. Students with graduate degrees from colleges officially approved by Texas A&M University-San Antonio who are seeking a certificate or endorsement are exempt from the nationally standardized graduate aptitude examination requirement.

Standards for admittance to a specific program are set by the academic college which offers the program. Students must therefore check the admission requirements to the program of interest before they seek admission. Before admission to a specific degree program, the graduate coordinator for the program must accept the student. The program advisor will direct the degree plan and research through the student's graduate committee. The composition of the student's graduate committee varies from program to program; however, at least one member must be from each program segment.

If, after admittance to a specific program, the applicant desires a different program, the student must reapply for admissions, pay the \$35 application fee, and meet the program's specific admissions requirements before registration is allowed to the new program. Failure to follow policy and procedure may void the application of any courses completed toward a degree in a specific program.

All students wanting to attend Texas A&M University-San Antonio must be proficient in the use of English. Students, regardless of immigration status, whose educational instruction has not been in the English language and/or whose first or native language is not English, must demonstrate proficiency in English. Please refer to the Proof of English Proficiency section for more information.

Texas A&M University-San Antonio complies with H.B. 1641 which considers various factors in making a decision for admission into a graduate or professional program.

GRADUATE ADMISSION REQUIREMENTS DOMESTIC APPLICANTS

Texas A&M University-San Antonio adheres to high standards of academic excellence and admits students in accordance with their level of academic preparation without regard to race, color, sex, age, religious commitment or national origin. All inquiries about admission, application for admission and transcripts of credit should be addressed to the Office of Admissions.

Admission Deadlines

Completed applications must be submitted to the Office of Admissions, Texas A&M University-San Antonio, by the following deadlines. In order to ensure your application is processed prior to the beginning of the semester it is strongly encouraged you submit required supporting documents for admissions no later than the application deadline dates listed below.

Fall Semester:	August 5
Spring Semester:	January 6

Summer I and 10 Week:	June 1
Summer II:	July 1

Colleges and/or programs may have a different application deadlines than the University deadlines shown above. Check with the department to verify the deadline.

Admission Requirements – Domestic Applicants

Students seeking admission to master’s programs at Texas A&M University-San Antonio must submit the following:

1. Completed application for admission, including the non-refundable \$35 application fee. The Apply Texas Application is available online at <https://www.applytexas.org>.
2. Official transcripts from all colleges or universities attended. Students must be awarded a baccalaureate degree from a regionally-accredited institution before admission into a graduate program can occur. Degrees received must be posted on the transcript of the awarding institution. Only transcripts printed within the preceding 12 months will be accepted.
3. Official results of the nationally standardized examination sent directly to Office of Admissions, Texas A&M University-San Antonio, by the testing center. A&M-SA’s GRE code is 6712; the GMAT code is 7B7-9D-05; and the MAT code is 3013). Please note: If a student holds a Master’s degree from an accredited university, this requirement is waived.
4. An overall undergraduate grade point average of 2.6 on a 4.0 scale or have an average of 3.0 on the last 60 hours of undergraduate coursework.

Admission Requirements for Non-Degree Seeking Students

The non-degree category of admission is designed for students who want to take courses required for an LPC, CPA exam, electives, or other certification programs, etc. but are not pursuing a degree at Texas A&M University-San Antonio. Typically, non-degree seeking students are at A&M-SA for a few semesters. Non-Degree Seeking students:

- Are admitted only for one semester at a time. If continued enrollment is desired, students must contact their advisor or follow the appropriate admission application procedures to become degree seeking.
- Are not eligible for financial assistance.
- Must specify which department (Arts & Sciences, Business, Curriculum and Instruction, Leadership & Counseling) they would like to take coursework in. (On Apply Texas, a section will state “Enter any specific area of interest or specialty within your major.”)

Students applying as non-degree seeking must submit:

- A completed Application for Admission. The Apply Texas Application is available online at <https://www.applytexas.org>.
- All official transcripts and the \$35 application fee according to the Admissions deadlines.

International applicants cannot apply as Non-Degree Seeking.

Graduate Readmission

All students who have not enrolled in classes for one year (two long terms) become inactive and will need to submit a new admissions application and pay the \$35 application fee. Students, who were previously conditionally accepted pending their test scores, but never submitted them during their initial graduate enrollment, will need to submit their test scores prior to evaluation.

A&M-SA returning graduate students who have attended other institutions of higher education since they were last enrolled at A&M-SA must submit current official transcripts from each institution attended prior to readmission. Eligibility for readmission of any former student depends on the student’s academic status at the end of the last A&M-SA semester of enrollment and performance on any subsequent college or university work attempted.

Those students who have remained continuously inactive in excess of five years must meet the current admission standards before being readmitted to a graduate program. Post-masters students from Texas A&M University-San Antonio who are returning for certification can be readmitted under the initial admission standards of their graduate program. Students returning for certification must complete another application for admission (www.applytexas.org) to be admitted.

Graduate GPA Calculation

To gain entry into the Graduate School a student must have at least a 2.6 cumulative undergraduate GPA or at least a 3.0 on the last 60 hours.

Grades received at other colleges/universities will be converted into Texas A&M University-San Antonio's grading system; other plus/minus grading systems will not be used. If any courses are repeated, the highest grade will be used to calculate gpa.

Graduate Admission Categories

Unconditional Admission

This status is assigned to entering students who have earned a baccalaureate degree from a regionally accredited college or university and who meet one of the following sets of minimum requirements:

1. Have an undergraduate cumulative grade point average between 2.60-2.99 or an undergraduate grade point average of 3.00 or higher for the last 60 semester credits (or 90 quarter credits), and a minimum GRE composite (Q+V) score of 297 or minimum MAT score of 398 (MAT scores are for Education majors only).
2. Have an undergraduate cumulative grade point average between 3.00-4.00 and a minimum GRE composite (Q+V) score of 285 or minimum MAT score of 388 (MAT scores are for Education majors only).
3. Business Administration majors must meet the following combined GPA and GMAT requirements for unconditional admissions: **970-(GPA X 200) = minimum required GMAT score.**

To enter into a specific graduate program, the student must then meet the program's specific requirements which are based on GRE or GMAT/GPA sliding scales (i.e., business). The appropriate department for the academic program may make exceptions to these admission standards. International applicants must also demonstrate English proficiency, as described in the section on Graduate Admission Requirements for International Applicants.

Graduate Admissions Required Test Scores

College/ Department	Applicants with an overall GPA of 2.60-2.99 or last 60 hours gpa above 3.0	Applicants with an overall GPA of 3.00-4.00
Arts and Sciences	GRE: 147(V) / 3 (W)	GRE: 142 (V) / 3 (W)
Business	970-(GPA X 200) = minimum required GMAT score	
Education and Human Development <i>Department of Educator and Leadership Preparation</i>	GRE: 297 (V+Q) or MAT: 398	GRE: 285 (V+Q) MAT: 388
Education and Human Development <i>Department of Counseling and Kinesiology</i>	GRE: 297 (V+Q) or MAT: 398	GRE: 285 (V+Q) or MAT: 388

Conditional Admission

Students who are conditionally admitted to the university will remain under a Conditional Admission status, and must meet departmental requirements in order to remain enrolled in the program. Conditional admission means that there is an outstanding departmental requirement that must be met in order to enroll in subsequent semesters. For example, applicants' standardized test results must be received by the Office of Admissions no later than midterm of their first semester of enrollment to register for subsequent semesters. Students who have been conditionally admitted must meet departmental requirements in order to remain enrolled in the program. All departmental requirements are maintained by the department of your major.

For more information on conditional admit status, students will need to contact the department of their major.

International applicants may be considered for conditional admission, only if they are on a F-1 visa, all other visa categories will not be considered for conditional admission.

Program Specific Requirements

Applicants to the MA in English Program

Applicants to the MA in English program must have 18 semester hours of undergraduate courses in English, including a minimum of 12 advanced (junior-senior level) semester hours. The Department has the right to examine students' prerequisites and to accept equivalent hours or to require additional work if necessary.

Grade Point Average (GPA) and GRE General Test Requirements

Students with a GPA of 3.00-4.00 must have a minimum GRE Verbal score of 142 (15th percentile) and a GRE Writing score of 3 (14th percentile). Students with a cumulative GPA less than 2.99 must have a GRE Verbal score of 147 (32nd percentile) and a GRE writing score of 3 (14th percentile). If a student with less than a 2.60 GPA meets these GRE requirements (146 Verbal and 3 Writing) and seems prepared for graduate study, the English program will submit a memo to Admissions justifying our decision to admit him/her.

Unless the applicant already has an M.A. from an accredited institution, official GRE scores, taken within the last 5 years, must be submitted to the Admissions Office. Students are strongly encouraged to submit GRE scores with their application. If students do not submit GRE scores with their transcripts, they will be admitted conditionally, and they will not be permitted to continue in the program if they do not meet the required GRE scores. The Admissions Office will accept the scores no later than the midpoint of the student's first semester.

Students who already have an M.A. from an accredited institution do not have to submit GRE scores with their application.

Writing Sample

Applicants must submit a sample of their analytical writing of 6-10 pages. The sample should demonstrate your ability to think analytically, write clearly, and sustain an argument.

Letters of Recommendation

Applicants must submit two letters of recommendation. At least one of these letters should come from one of your former professors.

Applicants to the MBA Program

Admission to the MBA program requires a baccalaureate degree from a regionally accredited institution. An undergraduate business degree is preferred but not required. The MBA Admissions Committee requires applicants to have a minimum undergraduate cumulative/overall (all courses completed while pursuing a bachelor's degree) GPA of 2.6 or higher. Applicants must submit a satisfactory GMAT score with the application in order for the application to be processed for admission. The MBA Admissions Committee uses the following formula to determine an applicant's minimum GMAT score requirement:

$$970 - (\text{GPA} \times 200) = \text{minimum required GMAT score.}$$

The GPA used in the formula is the students undergraduate cumulative/overall, which consists of all courses completed while pursuing a bachelor's degree.

If applicants meet the GPA/GMAT requirement, they will be admitted unconditionally into the MBA program. Students may be conditionally admitted without submitting a GMAT score. Applicants who do not meet the GPA or GMAT requirement may be conditionally admitted and will be allowed to take the foundation courses. Students will be unconditionally admitted after successfully completing the foundation courses with a grade point average of 3.0 or above and by maintaining a GPA of 3.0 or above on all A&M-San Antonio graduate business courses. ***Please note: International applicants must submit a satisfactory GMAT and TOEFL score in order to be considered for admission.***

Applicants who have earned a graduate degree from a regionally accredited institution will receive a waiver of the GMAT requirement.

Applicants to Graduate Programs in the Department of Educator and Leadership Preparation

Unless otherwise specified, admission to any of the graduate programs in the Department of Educator and Leadership Preparation requires a baccalaureate degree and adequate coursework in the field of interest, and passing GRE scores. In the College of Education and Human Development an official MAT score will be accepted in lieu of the GRE.

Unconditional Admission

For unconditional admission, applicants must have

1. an undergraduate cumulative grade point average between 2.60-2.99 or an undergraduate grade point average of 3.00 or higher for the last 60 semester credits (or 90 quarter credits), and a minimum GRE composite (Q+V) score of 297 (1000 for tests taken prior to August 2011), or a minimum MAT score of 388 (MAT scores are for Education majors only), OR
2. an undergraduate cumulative grade point average between 3.00-4.00 and a minimum GRE composite (Q+V) score of 285 (800 for tests taken prior to August 2011) or minimum MAT score of 388 (MAT scores are for Education majors only).

Conditional Admission

Applicants who do not meet the GPA/GRE (or GPA/MAT) requirement may be conditionally admitted and will be allowed to take program specified required coursework. Students will be unconditionally admitted after successfully completing their first semester with a grade point average of 3.0 or above and by maintaining a GPA of 3.0 or above on all A&M-San Antonio graduate courses.

Applicants with a Previous Graduate Degree

Prospective graduate students who have completed a graduate or professional degree (i.e., a degree beyond a four-year baccalaureate degree) from a college or university accredited by one of the six regional accrediting agencies are eligible for admission to Graduate Studies. These applicants must meet the admission requirements for their specific program. Please note students cannot apply for a master's degree program if they have already obtained that master's degree. For example, if a student has a Masters in Counseling and Guidance, they cannot apply again as a Degree Seeking student to the Counseling and Guidance program.

Prerequisite Course work for Graduate Study

Eighteen semester hours of undergraduate courses in the major subject area, including 12 advanced semester hours, are prerequisite for all graduate study. Each college has the right to examine an applicant's prerequisites and to accept certain equivalent hours or to require additional work if the graduate coordinator and the student's program chair feel it is necessary.

Admission to a Specific Program

Standards for admittance to a specific program are set by the academic college which offers the program. Students must therefore check the admission requirements to the program of interest in addition to seeking admission to the

university.

Transfer Students and Transferred Grades

Only grades of *A* or *B* earned on applicable graduate level courses which have been approved in writing by the graduate coordinator/advisor, the Department Chair, College Dean, and Director of Graduate Studies may be transferred for graduate level credit. Course work in which no formal grades are given (ex., *CR*) is not acceptable for transfer credit without the approval of the Director of Graduate Studies. Transferred grades cannot be used to raise the grade point average of either the major or supporting field courses taken at Texas A&M University-San Antonio. Transferred courses must have been taken within the last five years. Students must speak with a graduate advisor regarding transferring courses to their degree plan.

The total number of graduate credit hours that may be transferred and accepted to apply toward a specific degree is found under the description of each degree plan offered. In all cases, no more than twelve hours of the total number of semester hours required for a master's degree may be transferred. Individual graduate programs may be more restrictive. Such courses must be approved by the Director of Graduate Studies upon recommendation of the appropriate graduate coordinator and the student's program chair. None of the transferred courses may have been applied toward a previous degree. Note: Request for transfer credit must be made within the first semester of the student's enrollment at Texas A&M University-San Antonio.

Concurrent Enrollment at Other Institutions

Credit earned by a student at another institution while concurrently enrolled at Texas A&M University-San Antonio will be transferred only if the student has received written approval from the graduate coordinator/advisor in advance. This approval will be given consistent with Texas A&M University-San Antonio's normal course load regulation. Please speak with your graduate advisor regarding enrolling at another institution. Typically, requests for graduate transfer credit will not be approved if an equivalent course is offered by Texas A&M University-San Antonio.

GRADUATE ADMISSION INTERNATIONAL APPLICANTS

The Office of Admissions facilitates and oversees the admission process for Texas A&M University-San Antonio's international population. The Office of Admissions is responsible for receiving official transcripts, Academic Credential Reports and test scores for English Proficiency. Once all necessary admission documents are received, students must contact the Office of International Affairs for additional requirements.

The Office of International Affairs (OIA) facilitates and oversees the immigration process for Texas A&M University-San Antonio's international population. The OIA serves as a welcoming presence for all international students, foreign faculty and staff and is the institution's primary service department for all immigration needs. The OIA's mission is to protect the integrity of the institution by complying with state, local and federal regulations.

Admission Deadlines

Completed applications must be submitted to the Office of Admissions, Texas A&M University-San Antonio, by the following deadlines. In order to ensure your application is processed prior to the beginning of the semester it is strongly encouraged you submit required supporting documents for admissions no later than the application deadline dates listed below:

Fall Semester:	August 5
Spring Semester:	January 6
Summer I and 10 Week:	June 1
Summer II:	July 1

Colleges and/or programs may have a different application deadline than the University deadlines shown above. Check with the department to verify the deadline.

Admission Requirements – International Applicants

Students seeking admission to a master's program at Texas A&M University-San Antonio must submit the following:

1. Completed application for admission, including the non-refundable \$50 application fee. The Apply Texas Application is available online at <https://www.applytexas.org>.
2. International transcript evaluation report: To obtain an international evaluation report you must submit official transcripts from all international colleges and universities attended to one of the university-approved evaluation listed below (A detailed course by course evaluation no older than one year old from the time of application is required):

Foreign Credentials Services of America

1910 Justin Lane
 Austin, TX 78757
 Phone: 1 (877) 553-4285
 Fax: (512) 459-4565
 E-mail: info@foreigncredentials.org
Foreigncredentials.org

Educational Credential Evaluators, Inc.

P.O. Box 514070
 Milwaukee, Wisconsin 53203-3470
 Phone: 414.289.3400
 Fax: 414.289.3411
 E-mail: eval@ece.org
www.ece.org

Global Credential Evaluators, Inc.

P.O. Box 9203
 College Station, TX 77842
 Phone: 800-707-0979
 Fax: 979-690-6342
 E-mail: gce@gceus.com
www.gceus.com

World Education Services

P.O. Box 745
 Old Chelsea Station
 New York, New York 10113-0745
 Phone: 212.966.6311
 Fax: 212.739.6100
 E-mail: info@wes.org
www.wes.org

SpanTran: The Evaluation Company

2400 Augusta Drive
 Suite 451, Houston, TX 77057
 Phone 713.266.8805
 Fax 713.789.6022
 E-mail: <http://www.spantran.com/contact-us/>
<http://www.spantran.com/>

3. Once evaluated, the agency you choose must forward their evaluation report directly to the Office of Admissions. We only accept evaluation reports from the agencies listed above. **Do not send your international transcripts to our University. We only require the transcript evaluation report provided by the agency.**
4. A foreign credential evaluation (course-by-course) is required for all foreign transcripts.
3. Proof of English proficiency (see below).
4. Official results of the nationally standardized examination sent directly to the Office of Admissions, Texas A&M University-San Antonio, by the testing service. (GRE code is 6712; GMAT code is 7B7-9D-05; MAT code is 3013). (Note: If a student holds a Master's degree from an accredited university, this requirement is waived.)

5. Proof of ability to meet personal and academic expenses. A minimum of \$26,897 (U.S.) per year is currently required to meet such expenses. Valid financial support documents (less than one year old from the issue date) must indicate the minimum U.S. dollar amount required by the University. The required minimum is subject to change without notice. **Must submit this documentation to the Office of International Affairs.**

Texas A&M University-San Antonio Office of Admissions will evaluate a student's academic documents and determine institutional accreditation/recognition, whether the GPA requirements are met, and whether any degree/diploma earned is equivalent to a U.S. bachelor's degree.

Proof of English Proficiency for Graduate Students

Texas A&M University-San Antonio requires all applicants from foreign countries to demonstrate their ability to speak, write, and understand the English language by taking the Test of English as a Foreign Language (TOEFL) Exam. Texas A&M University-San Antonio requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based) or 79 (Internet-based). Students must use Texas A&M University-San Antonio's school code for the TOEFL, which is 6712.

The following are considered TOEFL equivalences/waivers:

- An IELTS overall band score of 6.0 or above
- Completion of the advanced-level Texas Intensive English Program (TIEP) offered by the Texas International Education Consortium (TIEC).
- Students who have completed their entire formal education at the secondary or postsecondary level in the following countries are exempt from the TOEFL requirement:

American Samoa	Cayman Islands	Jamaica
Australia	Dominica	Liberia
Bahamas	Federated States of Micronesia	New Zealand
Barbados	Grenada	United Kingdom (all)
Belize	Guam	Trinidad-Tobago
Canada (except Quebec)	Guyana	Virgin Islands

Please note: Applicants from Puerto Rico, where Spanish is the primary language, are required to submit a TOEFL or equivalent.

- Earned a bachelor's degree from a US Institution.
- Students who have earned at least 12 transferrable semester credits AND completed English Composition I or II, with grades of C or better in each, in university-level courses from an accredited U.S. college or university, or an institution of higher education in one of the countries listed above, are exempt from TOEFL. ESL Courses will not count as transferrable courses. No online English courses are accepted for English Proficiency.

The application review process will not begin until all documents are received.

Additional documents for I-20/Visa purposes may be required. Please refer to International Affairs section.

Admission requirements for any graduate program may vary based on the particular program. Refer to the program for which you want to apply for additional admission/entrance requirements.

All applicants must be accepted by the department/college program coordinator into a particular program for which they are applying after they have been screened to meet the minimum entrance requirements to Graduate Studies. Admission to Graduate Studies does not guarantee admission to a particular program.

EDUCATIONAL EXPENSES

Patricia Hayes, *Director of Business Services*
 Senator Frank L. Madla Building, Suite 135
 (210)784-2020

Estimated Nine-Month Budget

The following nine-month budgets are offered as estimates of reasonable expected expenses.

A&M-San Antonio Undergraduate Student Budget¹ for 2016-2017 (Texas Resident) Fall and Spring (award year/semester)

	Award Year (nine months)	One Semester
Tuition & Fees	\$8,070	\$4,035
Room & Board	\$7,833	\$4,536
Books & Supplies	\$1,328	\$769
Transportation	\$2,548	\$1,476
Personal Expenses	\$2,922	\$1,692
Total	\$22,701	\$12,508

¹Assumes enrollment in 15 semester credit hours per long semester.

A&M-San Antonio Graduate Student Budget² for 2016-2017 (Texas Resident) Fall and Spring (award year/semester)

	Award Year (nine months)	One Semester
Tuition & Fees	\$6,082	\$3,041
Room & Board	\$7,833	\$3,916
Books & Supplies	\$997	\$498
Transportation	\$2,548	\$1,274
Personal Expenses	\$2,922	\$1,461
Total	\$20,382	\$10,190

²Assumes enrollment in 10 graduate semester credit hours per long semester.

Married couples and single heads of household may add an additional \$1,080 amount to their budgets for each dependent child. Child care allowance is added for each dependent child under age 12.

Married couples and single heads of household may add an additional \$1,080 amount to their budgets for each dependent child. Child care allowance is added for each dependent child under age 12.

Financial Obligations

Students are expected to pay all financial obligations to the University when due. Failure to meet such obligations will result in a student's record being placed on a hold status and may result in the student not being able to take final examinations, receive official transcripts, or enroll for another semester. If an account is not paid when due, the institution has the right to forward past due accounts to a collection agency. The student will be responsible for any and all attorney's fees and other collection agency fees necessary for the collection of any amounts not paid when due.

Financial Responsibility Agreement: All students must electronically accept the University's Financial Responsibility Agreement prior to enrolling. The Agreement will appear as a pop up as students navigate to registration via JagWire. The full text of the Agreement may be found on the Student Business Services web page.

Students receiving University-sponsored financial aid are expected to pay all financial obligations owed the University at the time they receive the financial aid.

NOTE: The census date of the semester is the day that all tuition and mandatory fees must be paid in full. However, the university may establish a payment deadline in advance of census date. If all tuition and mandatory fees are not paid in full, a class or classes will be dropped for non-payment by the census date. The census date of the long semesters (fall and spring) is the 12th class day. Census dates for other terms or parts of term are based on Texas Higher Education Coordinating Board (THECB) rules. Please refer to the Academic Calendar for a complete list of deadlines.

Mandatory Tuition and Fees

Students who do not pay mandatory tuition and fees in full by established deadlines may be dropped from one or more classes, according to the unpaid balance due. Students who make the required initial payment of the deferred payment plan will not be dropped.

Deferred Payment of Tuition and Fees

Students selecting the deferred payment plan may pay tuition and fees in three payments for summer or four payments for fall or spring terms. There is a \$15 administrative fee for choosing the deferred payment plan. Students who select a deferred payment plan need to be absolutely sure of all the classes/expenses, as only one plan is allowed per term. They are subject to the following provisions:

- a. Students receiving University-sponsored financial aid equal to or greater than their tuition and fees **must** pay in one payment. All financial aid funds received after selection of the deferred payment plan will be applied to the student's account balance until paid in full.
- b. A student who fails to make full payment of tuition and fees, including any incidental fees, by the due date may be prohibited from registering for classes until full payment is made. A student who fails to pay in full prior to the end of the semester may be denied credit for the work done that semester.

Charge Card Privilege

Students may pay tuition and fees with a MasterCard, Visa, Discover, or American Express Credit card. Payments by credit card on student accounts must be made over the web via *MoneyConnect* and are subject to a credit card convenience fee in the amount of 2.75% of the payment with a minimum of a \$3.00 fee. There is no convenience fee for payment by debit card or electronic check.

Concurrent Enrollment at another Public Institution of Higher Education

Students concurrently enrolled at A&M-SA and another Texas public institution of higher education must provide evidence of concurrent enrollment to the Registrar on the day they register at A&M-SA. This evidence must include proof of enrollment for the same semester, the number of hours enrolled, and a receipt showing the total tuition and other registration fees paid at another public institution in order for students to be eligible for the provisions of Senate Bill 250, "Tuition Limit in Cases of Concurrent Enrollment".

Returned Item Policy

When a bank returns an unpaid item (i.e., check, credit card, money order) that has been submitted to the University, the following procedure will apply:

1. The Student Business Services (SBS) Office will send a notification by email within 3 business days to the individual who submitted the returned item to the University. This notice will indicate the amount of the item, the \$25 returned item charge, and the reason the item was returned. SBS will also attempt to contact the student by phone to provide verbal notice. The individual is given 10 days from receipt of notification to clear the returned item using cash, cashier's check, or money order. Only payment in full will be accepted. The University will not accept a personal check in payment for a returned item.
2. A registration and transcript hold will be placed on the individual's record. After an individual has two or more items returned to the University, the University reserves the right to refuse acceptance of future checks from that individual. If an individual stops payment on a check presented to the University, the University reserves the right to refuse acceptance of future checks for payment of University charges.

3. In those instances where a student fails to redeem a returned item and charge within the 10 day period, the University will initiate one or more of the following courses of action:
 - a. If the item was given in payment of tuition and fees or is in excess of \$100, the student may be withdrawn from all classes at the University. The Student Business Services Office will notify the Registrar's Office of the requested withdrawal. The Registrar's Office will withdraw the student as of that date and notify the student, all instructors and any other offices that may need to take action (i.e. International, Student Services). The student will receive a refund only if the withdrawal occurs prior to or during the percentage refund dates for the semester. Any refund resulting from the withdrawal will be held to be applied toward the returned item. If the student is withdrawn after midpoint of the session, the grade entered on his/her transcript will be at the discretion of each instructor.
 - b. Returned items for less than \$100 may be referred to the Office of Student Engagement & Success for disciplinary action.
 - c. In those instances where the returned check and charge have not been redeemed after two notification attempts, the University may take the check to the district attorney (or county attorney) and file a complaint with that office. Any further action on the matter will follow the legal process as prescribed by the respective attorney's office.

Resident vs. Nonresident Student Status

All students attending Texas A&M University-San Antonio who are nonresidents of Texas will be charged additional tuition in accordance with state law. The responsibility of registering under the proper residence status is placed upon the student. If there is any possible question about the right to legal residence in Texas under state law and University rules, the student must raise the question with the Office of the Registrar and have such question settled prior to registration. There can be no change of residence unless authorized by the Registrar. Students must pay the correct tuition and fees at the beginning of each semester or term for which they register. Any attempt on the part of a nonresident to evade the nonresident fee may lead to expulsion from the University. Legal resident information forms to assist students in determining their proper legal status are available in the Registrar's Office.

Military Residence

Military persons stationed in Texas who wish to avail themselves or their dependents of military residence provisions of state law must submit during their first semester of enrollment in which they will be using the waiver program, a statement from an appropriately authorized officer in the service certifying that they (or a parent) will be assigned to duty in Texas on the census date of the term they plan to enroll, and that they are not in Texas only to attend training with Texas units. Such persons shall pay resident tuition so long as they reside continuously in Texas or remain continuously enrolled in the same degree or certificate program (enrollment in summer semester is not required to remain continuously enrolled).

Texas A&M University-San Antonio
2016-2017 Texas Resident Guaranteed Tuition and Fees
Fall and Spring – 16 Week and 8 Week Parts of Term
New Undergraduate for Fall 2016, Spring 2017, or Summer 2017

Hours	Tuition^{2,3,4}	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	120.00	93.07	3.00	100.00	270.12	586.19
2	120.00	186.14	3.00	100.00	378.38	787.52
3	150.00	279.21	3.00	100.00	486.64	1,018.85
4	200.00	372.28	3.00	100.00	594.90	1,270.18
5	250.00	465.35	3.00	100.00	703.16	1,521.51
6	300.00	558.42	3.00	100.00	811.42	1,772.84
7	350.00	651.49	3.00	100.00	919.68	2,024.17
8	400.00	744.56	3.00	100.00	1,027.94	2,275.50
9	450.00	837.63	3.00	100.00	1,136.20	2,526.83
10	500.00	930.70	3.00	100.00	1,244.46	2,778.16
11	550.00	1,023.77	3.00	100.00	1,352.72	3,029.49
12	600.00	1,116.84	3.00	100.00	1,460.98	3,280.82
13	650.00	1,209.91	3.00	100.00	1,569.24	3,532.15
14	700.00	1,302.98	3.00	100.00	1,677.50	3,783.48
15	750.00	1,396.05	3.00	100.00	1,785.76	4,034.81
16	800.00	1,396.05	3.00	100.00	1,894.02	4,193.07
17	850.00	1,396.05	3.00	100.00	2,002.28	4,351.33
18	900.00	1,396.05	3.00	100.00	2,110.54	4,509.59
19	950.00	1,396.05	3.00	100.00	2,218.80	4,667.85
20	1,000.00	1,396.05	3.00	100.00	2,327.06	4,826.11

¹15 semester credit hours or more pay \$1396.05 per semester based on flat rate at 15 semester credit hours.

²Add \$50.00 tuition and \$80.23 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$120.00

⁴Undergraduate resident rate students who have attempted more than 30 credit hours in excess of the required hours for their degree program will be charged tuition at a rate of \$150 per semester credit hour instead of \$50 per semester credit hour. This higher tuition rate will go into effect the next enrolled term after the student reaches this threshold.

The University's reinstatement fee is \$363. The 3-Peat fee is \$100 per semester credit hour.

The University reserves the right to change fees upon board approval.

Texas A&M University-San Antonio
2016-2017 Texas Resident Guaranteed Tuition and Fees
Summer 2017 – 10 Week and 5 or 8 Week Parts of Term
New Undergraduate for Fall 2016, Spring 2017, or Summer 2017

Hours	Tuition^{2,3,4}	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	120.00	93.07	3.00	50.00	270.06	536.13
2	120.00	186.14	3.00	50.00	377.75	736.89
3	150.00	279.21	3.00	50.00	485.44	967.65
4	200.00	372.28	3.00	50.00	593.13	1,218.41
5	250.00	465.35	3.00	50.00	700.82	1,469.17
6	300.00	558.42	3.00	50.00	808.51	1,719.93
7	350.00	651.49	3.00	50.00	916.20	1,970.69
8	400.00	744.56	3.00	50.00	1,023.89	2,221.45
9	450.00	837.63	3.00	50.00	1,131.58	2,472.21
10	500.00	930.70	3.00	50.00	1,239.27	2,722.97
11	550.00	1,023.77	3.00	50.00	1,346.96	2,973.73
12	600.00	1,116.84	3.00	50.00	1,454.65	3,224.49
13	650.00	1,209.91	3.00	50.00	1,562.34	3,475.25
14	700.00	1,302.98	3.00	50.00	1,670.03	3,726.01
15	750.00	1,396.05	3.00	50.00	1,777.72	3,976.77
16	800.00	1,396.05	3.00	50.00	1,885.41	4,134.46
17	850.00	1,396.05	3.00	50.00	1,993.10	4,292.15
18	900.00	1,396.05	3.00	50.00	2,100.79	4,449.84
19	950.00	1,396.05	3.00	50.00	2,208.48	4,607.53
20	1000.00	1,396.05	3.00	50.00	2,316.17	4,765.22

¹Students enrolled in 14 semester credit hours (SCH) or more pay \$1302.98 per semester based on flat rate at 14 SCH's

²Add \$50.00 tuition and \$80.23 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$120.00

⁴Undergraduate resident rate students who have attempted more than 30 credit hours in excess of the required hours for their degree program will be charged tuition at a rate of \$150 per semester credit hour instead of \$50 per semester credit hour. This higher tuition rate will go into effect the next enrolled term after the student reaches this threshold.

The University's reinstatement fee is \$363. The 3-Peat fee is \$100 per semester credit hour.

The University reserves the right to change fees upon board approval.

Texas A&M University-San Antonio
2016-2017 Texas Resident One-Year Option Fees
Fall and Spring – 16 Week and 8 Week Parts of Term
New Undergraduate for Fall 2016, Spring 2017, or Summer 2017

Hours	Tuition^{2,3,4}	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	120.00	93.07	3.00	100.00	270.23	586.30
2	120.00	186.14	3.00	100.00	369.15	778.29
3	150.00	279.21	3.00	100.00	468.07	1,000.28
4	200.00	372.28	3.00	100.00	566.99	1,242.27
5	250.00	465.35	3.00	100.00	665.91	1,484.26
6	300.00	558.42	3.00	100.00	764.83	1,726.25
7	350.00	651.49	3.00	100.00	863.75	1,968.24
8	400.00	744.56	3.00	100.00	962.67	2,210.23
9	450.00	837.63	3.00	100.00	1,061.59	2,452.22
10	500.00	930.70	3.00	100.00	1,160.51	2,694.21
11	550.00	1,023.77	3.00	100.00	1,259.43	2,936.20
12	600.00	1,116.84	3.00	100.00	1,358.35	3,178.19
13	650.00	1,209.91	3.00	100.00	1,457.27	3,420.18
14	700.00	1,302.98	3.00	100.00	1,556.16	3,662.17
15	750.00	1,396.05	3.00	100.00	1,655.11	3,904.16
16	800.00	1,396.05	3.00	100.00	1,754.03	4,053.08
17	850.00	1,396.05	3.00	100.00	1,852.95	4,202.00
18	900.00	1,396.05	3.00	100.00	1,951.87	4,350.92
19	950.00	1,396.05	3.00	100.00	2,050.79	4,499.84
20	1,000.00	1,396.05	3.00	100.00	2,149.71	4,648.76

¹15 semester credit hours or more pay \$1396.05 per semester based on flat rate at 15 semester credit hours.

²Add \$50.00 tuition and \$80.23 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$120.00

⁴Undergraduate resident rate students who have attempted more than 30 credit hours in excess of the required hours for their degree program will be charged tuition at a rate of \$150 per semester credit hour instead of \$50 per semester credit hour. This higher tuition rate will go into effect the next enrolled term after the student reaches this threshold.

The University's reinstatement fee is \$363. The 3-Peat fee is \$100 per semester credit hour.

The University reserves the right to change fees upon board approval.

Texas A&M University-San Antonio
2016-2017 Texas Resident One-Year Option Fees
Summer 2017 – 10 Week and 5 or 8 Week Parts of Term and Maymester
New Undergraduate for Fall 2016, Spring 2017, or Summer 2017

Hours	Tuition^{2,3,4}	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	120.00	93.07	3.00	50.00	270.11	536.18
2	120.00	186.14	3.00	50.00	368.96	728.10
3	150.00	279.21	3.00	50.00	467.81	950.02
4	200.00	372.28	3.00	50.00	566.66	1,191.94
5	250.00	465.35	3.00	50.00	665.51	1,433.86
6	300.00	558.42	3.00	50.00	764.36	1,675.78
7	350.00	651.49	3.00	50.00	863.21	1,917.70
8	400.00	744.56	3.00	50.00	962.06	2,159.62
9	450.00	837.63	3.00	50.00	1,060.91	2,401.54
10	500.00	930.70	3.00	50.00	1,159.76	2,643.46
11	550.00	1,023.77	3.00	50.00	1,258.61	2,885.38
12	600.00	1,116.84	3.00	50.00	1,357.46	3,127.30
13	650.00	1,209.91	3.00	50.00	1,456.31	3,369.22
14	700.00	1,302.98	3.00	50.00	1,555.16	3,611.14
15	750.00	1,396.05	3.00	50.00	1,654.01	3,853.06
16	800.00	1,396.05	3.00	50.00	1,752.86	4,001.91
17	850.00	1,396.05	3.00	50.00	1,851.71	4,150.76
18	900.00	1,396.05	3.00	50.00	1,950.56	4,299.61
19	950.00	1,396.05	3.00	50.00	2,049.41	4,448.46
20	1000.00	1,396.05	3.00	50.00	2,148.26	4,597.31

¹15 semester credit hours or more pay \$1396.05 per semester based on flat rate at 15 semester credit hours.

²Add \$50.00 tuition and \$80.23 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$120.00

⁴Undergraduate resident rate students who have attempted more than 30 credit hours in excess of the required hours for their degree program will be charged tuition at a rate of \$150 per semester credit hour instead of \$50 per semester credit hour. This higher tuition rate will go into effect the next enrolled term after the student reaches this threshold.

The University's reinstatement fee is \$363. The 3-Peat fee is \$100 per semester credit hour.

The University reserves the right to change fees upon board approval.

Texas A&M University-San Antonio
2016-2017 Texas Resident Guaranteed Tuition and Fees
Fall and Spring – 16 Week and 8 Week Parts of Term
New Undergraduate for Fall 2015, Spring 2016, or Summer 2016

Hours	Tuition^{2,3,4}	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	120.00	93.07	3.00	100.00	224.95	541.02
2	120.00	186.14	3.00	100.00	318.62	727.76
3	150.00	279.21	3.00	100.00	414.23	946.44
4	200.00	372.28	3.00	100.00	511.13	1,186.41
5	250.00	465.35	3.00	100.00	608.04	1,426.39
6	300.00	558.42	3.00	100.00	704.94	1,666.36
7	350.00	651.49	3.00	100.00	801.86	1,906.35
8	400.00	744.56	3.00	100.00	898.76	2,146.32
9	450.00	837.63	3.00	100.00	995.66	2,386.29
10	500.00	930.70	3.00	100.00	1,092.57	2,626.27
11	550.00	1,023.77	3.00	100.00	1,189.48	2,866.25
12	600.00	1,116.84	3.00	100.00	1,286.39	3,106.23
13	650.00	1,209.91	3.00	100.00	1,383.29	3,346.20
14	700.00	1,302.98	3.00	100.00	1,480.19	3,586.17
15	750.00	1,302.98	3.00	100.00	1,571.07	3,727.05
16	800.00	1,302.98	3.00	100.00	1,651.30	3,857.28
17	850.00	1,302.98	3.00	100.00	1,731.52	3,987.50
18	900.00	1,302.98	3.00	100.00	1,811.75	4,117.73
19	950.00	1,302.98	3.00	100.00	1,891.97	4,247.95
20	1,000.00	1,302.98	3.00	100.00	1,972.20	4,378.18

¹14 semester credit hours or more pay \$1302.98 per semester based on flat rate at 14 semester credit hours.

²Add \$50.00 tuition and \$80.23 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$120.00

⁴Undergraduate resident rate students who have attempted more than 30 credit hours in excess of the required hours for their degree program will be charged tuition at a rate of \$150 per semester credit hour instead of \$50 per semester credit hour. This higher tuition rate will go into effect the next enrolled term after the student reaches this threshold.

The University's reinstatement fee is \$363. The 3-Peat fee is \$100 per semester credit hour.

The University reserves the right to change fees upon board approval.

Texas A&M University-San Antonio
2016-2017 Texas Resident Guaranteed Tuition and Fees
Fall and Spring – 16 Week and 8 Week Parts of Term
New Undergraduate for Fall 2014, Spring 2015, or Summer 2015

Hours	Tuition^{2,3,4}	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	120.00	93.07	3.00	100.00	214.71	530.78
2	120.00	186.14	3.00	100.00	304.84	713.98
3	150.00	279.21	3.00	100.00	396.31	928.53
4	200.00	372.28	3.00	100.00	488.67	1,163.95
5	250.00	465.35	3.00	100.00	581.03	1,399.35
6	300.00	558.42	3.00	100.00	673.39	1,934.81
7	350.00	651.49	3.00	100.00	765.76	1,870.25
8	400.00	744.56	3.00	100.00	858.12	2,105.68
9	450.00	837.63	3.00	100.00	950.48	2,341.11
10	500.00	930.70	3.00	100.00	1,042.84	2,576.54
11	550.00	1,023.77	3.00	100.00	1,135.21	2,811.98
12	600.00	1,116.84	3.00	100.00	1,227.57	3,047.41
13	650.00	1,209.91	3.00	100.00	1,319.93	3,282.84
14	700.00	1,302.98	3.00	100.00	1,412.29	3,518.27
15	750.00	1,302.98	3.00	100.00	1,500.50	3,656.48
16	800.00	1,302.98	3.00	100.00	1,578.26	3,784.27
17	850.00	1,302.98	3.00	100.00	1,656.02	3,912.00
18	900.00	1,302.98	3.00	100.00	1,733.78	4,039.76
19	950.00	1,302.98	3.00	100.00	1,811.54	4,167.52
20	1,000.00	1,302.98	3.00	100.00	1,889.30	4,295.28

¹Students enrolled in 14 semester credit hours (SCH) or more pay \$1302.98 per semester based on flat rate at 14 SCH's

²Add \$50.00 tuition and \$77.76 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$120.00

⁴Undergraduate resident rate students who have attempted more than 30 credit hours in excess of the required hours for their degree program will be charged tuition at a rate of \$150 per semester credit hour instead of \$50 per semester credit hour. This higher tuition rate will go into effect the next enrolled term after the student reaches this threshold.

The University's reinstatement fee is \$363. The 3-Peat fee is \$100 per semester credit hour.

The University reserves the right to change fees upon board approval.

Texas A&M University-San Antonio
2016-2017 Texas Resident Guaranteed Tuition and Fees
Fall and Spring – 16 Week and 8 Week Parts of Term
Returning Undergraduate
Previously Enrolled during Fall 2013, Spring 2014, or Summer 2014

Hours	Tuition^{2,3,4}	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	120.00	93.07	3.00	100.00	210.00	526.04
2	120.00	186.14	3.00	100.00	298.13	707.27
3	150.00	279.21	3.00	100.00	387.26	919.47
4	200.00	372.28	3.00	100.00	477.05	1,152.33
5	250.00	465.35	3.00	100.00	566.84	1,385.19
6	300.00	558.42	3.00	100.00	656.64	1,618.06
7	350.00	651.49	3.00	100.00	746.43	1,850.92
8	400.00	744.56	3.00	100.00	836.22	2,083.78
9	450.00	837.63	3.00	100.00	926.01	2,316.64
10	500.00	930.70	3.00	100.00	1015.80	2,549.50
11	550.00	1,023.77	3.00	100.00	1105.59	2,782.36
12	600.00	1,116.84	3.00	100.00	1195.39	3,015.23
13	650.00	1,209.91	3.00	100.00	1285.18	3,248.09
14	700.00	1,302.98	3.00	100.00	1374.97	3,480.95
15	750.00	1,302.98	3.00	100.00	1461.67	3,617.65
16	800.00	1,302.98	3.00	100.00	1538.03	3,744.01
17	850.00	1,302.98	3.00	100.00	1614.40	3,870.38
18	900.00	1,302.98	3.00	100.00	1690.76	3,996.74
19	950.00	1,302.98	3.00	100.00	1767.13	4,123.11
20	1,000.00	1,302.98	3.00	100.00	1843.50	4,249.48

¹Students enrolled in 14 semester credit hours (SCH) or more pay \$1302.98 per semester based on flat rate at 14 SCH's

²Add \$50.00 tuition and \$76.37 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$120.00

⁴Undergraduate resident rate students who have attempted more than 30 credit hours in excess of the required hours for their degree program will be charged tuition at a rate of \$150 per semester credit hour instead of \$50 per semester credit hour. This higher tuition rate will go into effect the next enrolled term after the student reaches this threshold.

The University's reinstatement fee is \$363. The 3-Peat fee is \$100 per semester credit hour.

The University reserves the right to change fees upon board approval.

Texas A&M University-San Antonio
2016-2017 Non-Texas Resident Tuition and Fees
Fall and Spring – 16 Week and 8 Week Parts of Term
Undergraduate

Hours	Tuition^{2,3}	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	458.00	93.07	3.00	100.00	250.06	904.13
2	916.00	186.14	3.00	100.00	343.22	1,548.36
3	1,374.00	279.21	3.00	100.00	436.38	2,192.59
4	1,832.00	372.28	3.00	100.00	529.54	2,836.82
5	2,290.00	465.35	3.00	100.00	622.70	3,481.05
6	2,748.00	558.42	3.00	100.00	715.86	4,125.28
7	3,206.00	651.49	3.00	100.00	809.02	4,769.51
8	3,664.00	744.56	3.00	100.00	902.18	5,413.74
9	4,122.00	837.63	3.00	100.00	995.34	6,057.97
10	4,580.00	930.70	3.00	100.00	1,088.50	6,702.20
11	5,038.00	1,023.77	3.00	100.00	1,181.66	7,346.43
12	5,496.00	1,116.84	3.00	100.00	1,274.82	7,990.66
13	5,954.00	1,209.91	3.00	100.00	1,367.98	8,634.89
14	6,412.00	1,302.98	3.00	100.00	1,461.14	9,279.12
15	6,870.00	1,396.05	3.00	100.00	1,554.30	9,923.35
16	7,328.00	1,396.05	3.00	100.00	1,647.46	10,474.51
17	7,786.00	1,396.05	3.00	100.00	1,740.62	11,025.67
18	8,244.00	1,396.05	3.00	100.00	1,833.78	11,576.83
19	8,702.00	1,396.05	3.00	100.00	1,926.94	12,127.99
20	9,160.00	1,396.05	3.00	100.00	2,020.10	12,679.15

¹15 semester credit hours or more pay \$1396.05 per semester based on flat rate at 15 semester credit hours.

²Add \$458.00 tuition and \$93.16 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$458.00

The University's reinstatement fee is \$363. The 3-Peat fee is \$100 per semester credit hour.

The University reserves the right to change fees upon board approval.

Texas A&M University-San Antonio
2016-2017 Non-Texas Resident Tuition and Fees
Summer 2017 – 10 Week and 5 or 8 Week Parts of Term
Undergraduate

Hours	Tuition^{2,3}	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	458.00	93.07	3.00	50.00	250.06	854.13
2	916.00	186.14	3.00	50.00	343.22	1,498.36
3	1,374.00	279.21	3.00	50.00	436.38	2,142.59
4	1,832.00	372.28	3.00	50.00	529.54	2,786.82
5	2,290.00	465.35	3.00	50.00	622.70	3,431.05
6	2,748.00	558.42	3.00	50.00	715.86	4,075.28
7	3,206.00	651.49	3.00	50.00	809.02	4,719.51
8	3,664.00	744.56	3.00	50.00	902.18	5,363.74
9	4,122.00	837.63	3.00	50.00	995.34	6,007.97
10	4,580.00	930.70	3.00	50.00	1,088.50	6,652.20
11	5,038.00	1,023.77	3.00	50.00	1,181.66	7,296.43
12	5,496.00	1,116.84	3.00	50.00	1,274.82	7,940.66
13	5,954.00	1,209.91	3.00	50.00	1,367.98	8,584.89
14	6,412.00	1,302.98	3.00	50.00	1,461.14	9,229.12
15	6,870.00	1,396.05	3.00	50.00	1,554.30	9,873.35
16	7,328.00	1,396.05	3.00	50.00	1,647.46	10,424.51
17	7,786.00	1,396.05	3.00	50.00	1,740.62	10,975.67
18	8,244.00	1,396.05	3.00	50.00	1,833.78	11,526.83
19	8,702.00	1,396.05	3.00	50.00	1,926.94	12,077.99
20	9,160.00	1,396.05	3.00	50.00	2,020.10	12,629.15

¹15 semester credit hours or more pay \$1396.05 per semester based on flat rate at 15 semester credit hours.

²Add \$458.00 tuition and \$93.16 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$458.00

The University's reinstatement fee is \$363. The 3-Peat fee is \$100 per semester credit hour.

The University reserves the right to change fees upon board approval.

Texas A&M University-San Antonio
2016-2017 Texas Resident Tuition and Fees
Fall and Spring – 16 Week and 8 Week Parts of Term
Graduate

Hours	Tuition^{2,3}	Graduate Tuition	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	120.00	50.00	93.07	3.00	100.00	225.08	591.15
2	120.00	100.00	186.14	3.00	100.00	312.01	821.15
3	150.00	150.00	279.21	3.00	100.00	398.94	1,081.15
4	200.00	200.00	372.28	3.00	100.00	485.87	1,361.15
5	250.00	250.00	465.35	3.00	100.00	572.80	1,641.15
6	300.00	300.00	558.42	3.00	100.00	659.73	1,921.15
7	350.00	350.00	651.49	3.00	100.00	746.66	2,201.15
8	400.00	400.00	744.56	3.00	100.00	833.59	2,481.15
9	450.00	450.00	837.63	3.00	100.00	920.52	2,761.15
10	500.00	500.00	930.70	3.00	100.00	1,007.45	3,041.15
11	550.00	550.00	1,023.77	3.00	100.00	1,094.38	3,321.15
12	600.00	600.00	1,116.84	3.00	100.00	1,181.31	3,601.15
13	650.00	650.00	1,209.91	3.00	100.00	1,268.24	3,881.15
14	700.00	700.00	1,302.98	3.00	100.00	1,355.17	4,161.15
15	750.00	750.00	1,396.05	3.00	100.00	1,442.10	4,441.15
16	800.00	800.00	1,396.05	3.00	100.00	1,529.03	4,628.08
17	850.00	850.00	1,396.05	3.00	100.00	1,615.96	4,815.01
18	900.00	900.00	1,396.05	3.00	100.00	1,702.89	5,001.94
19	950.00	950.00	1,396.05	3.00	100.00	1,789.82	5,188.87
20	1,000.00	1,000.00	1,396.05	3.00	100.00	1,876.75	5,375.80

¹15 semester credit hours or more pay \$1396.05 per semester based on flat rate at 15 semester credit hours.

²Add \$50.00 tuition, \$50.00 graduate tuition, and \$86.93 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$120.00

The University's reinstatement fee is \$363. The 3-Peat fee is \$100 per semester credit hour.

The University reserves the right to change fees upon board approval.

Texas A&M University-San Antonio
2016-2017 Texas Resident Tuition and Fees
Summer 2017 – 10 Week and 5 or 8 Week Parts of Term and Maymester
Graduate

Hours	Tuition^{2,3}	Graduate Tuition	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	120.00	50.00	93.07	3.00	50.00	225.08	541.15
2	120.00	100.00	186.14	3.00	50.00	312.01	771.15
3	150.00	150.00	279.21	3.00	50.00	398.94	1,031.15
4	200.00	200.00	372.28	3.00	50.00	485.87	1,311.15
5	250.00	250.00	465.35	3.00	50.00	572.80	1,591.15
6	300.00	300.00	558.42	3.00	50.00	659.73	1,871.15
7	350.00	350.00	651.49	3.00	50.00	746.66	2,151.15
8	400.00	400.00	744.56	3.00	50.00	833.59	2,431.15
9	450.00	450.00	837.63	3.00	50.00	920.52	2,711.15
10	500.00	500.00	930.70	3.00	50.00	1,007.45	2,991.15
11	550.00	550.00	1,023.77	3.00	50.00	1,094.38	3,271.15
12	600.00	600.00	1,116.84	3.00	50.00	1,181.31	3,551.15
13	650.00	650.00	1,209.91	3.00	50.00	1,268.24	3,831.15
14	700.00	700.00	1,302.98	3.00	50.00	1,355.17	4,111.15
15	750.00	750.00	1,396.05	3.00	50.00	1,442.10	4,391.15
16	800.00	800.00	1,396.05	3.00	50.00	1,529.03	4,578.08
17	850.00	850.00	1,396.05	3.00	50.00	1,615.96	4,765.01
18	900.00	900.00	1,396.05	3.00	50.00	1,702.89	4,951.94
19	950.00	950.00	1,396.05	3.00	50.00	1,789.82	5,138.87
20	1,000.00	1,000.00	1,396.05	3.00	50.00	1,876.75	5,325.80

¹15 semester credit hours or more pay \$1396.05 per semester based on flat rate at 15 semester credit hours.

²Add \$50.00 tuition, \$50.00 graduate tuition, and \$86.93 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$120.00

The University's reinstatement fee is \$363. The 3-Peat fee is \$100 per semester credit hour.

The University reserves the right to change fees upon board approval.

Texas A&M University-San Antonio
2016-2017 Non-Texas Resident Tuition and Fees
Fall and Spring – 16 Week and 8 Week Parts of Term
Graduate

Hours	Tuition^{2,3}	Graduate Tuition	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	458.00	50.00	93.07	3.00	100.00	250.04	954.11
2	916.00	100.00	186.14	3.00	100.00	344.38	1,649.52
3	1,374.00	150.00	279.21	3.00	100.00	438.72	2,344.93
4	1,832.00	200.00	372.28	3.00	100.00	533.06	3,040.34
5	2,290.00	250.00	465.35	3.00	100.00	627.40	3,735.75
6	2,748.00	300.00	558.42	3.00	100.00	721.74	4,431.16
7	3,206.00	350.00	651.49	3.00	100.00	816.08	5,126.57
8	3,664.00	400.00	744.56	3.00	100.00	910.42	5,821.98
9	4,122.00	450.00	837.63	3.00	100.00	1,004.76	6,517.39
10	4,580.00	500.00	930.70	3.00	100.00	1,099.10	7,212.80
11	5,038.00	550.00	1,023.77	3.00	100.00	1,193.44	7,908.21
12	5,496.00	600.00	1,116.84	3.00	100.00	1,287.78	8,603.62
13	5,954.00	650.00	1,209.91	3.00	100.00	1,382.12	9,299.03
14	6,412.00	700.00	1,302.98	3.00	100.00	1,476.46	9,994.44
15	6,870.00	750.00	1,396.05	3.00	100.00	1,570.80	10,689.85
16	7,328.00	800.00	1,396.05	3.00	100.00	1,665.14	11,292.19
17	7,786.00	850.00	1,396.05	3.00	100.00	1,759.48	11,894.53
18	8,244.00	900.00	1,396.05	3.00	100.00	1,853.82	12,496.87
19	8,702.00	950.00	1,396.05	3.00	100.00	1,948.16	13,099.21
20	9,160.00	1,000.00	1,396.05	3.00	100.00	2,042.50	13,701.55

¹15 semester credit hours or more pay \$1396.05 per semester based on flat rate at 15 semester credit hours.

²Add \$458.00 tuition, \$50.00 graduate tuition, and \$94.34 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$458.00.00

The University's reinstatement fee is \$363. The 3-Peat fee is \$100 per semester credit hour.

The University reserves the right to change fees upon board approval.

Texas A&M University-San Antonio
2016-2017 Non-Texas Resident Tuition and Fees
Summer 2017 – 10 Week and 5 or 8 Week Parts of Term
Graduate

Hours	Tuition^{2,3}	Graduate Tuition	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	458.00	50.00	93.07	3.00	50.00	250.04	904.11
2	916.00	100.00	186.14	3.00	50.00	344.38	1,599.52
3	1,374.00	150.00	279.21	3.00	50.00	438.72	2,294.93
4	1,832.00	200.00	372.28	3.00	50.00	533.06	2,990.34
5	2,290.00	250.00	465.35	3.00	50.00	627.40	3,685.75
6	2,748.00	300.00	558.42	3.00	50.00	721.74	4,381.16
7	3,206.00	350.00	651.49	3.00	50.00	816.08	5,076.57
8	3,664.00	400.00	744.56	3.00	50.00	910.42	5,771.98
9	4,122.00	450.00	837.63	3.00	50.00	1,004.76	6,467.39
10	4,580.00	500.00	930.70	3.00	50.00	1,099.10	7,162.80
11	5,038.00	550.00	1,023.77	3.00	50.00	1,193.44	7,858.21
12	5,496.00	600.00	1,116.84	3.00	50.00	1,287.78	8,553.62
13	5,954.00	650.00	1,209.91	3.00	50.00	1,382.12	9,249.03
14	6,412.00	700.00	1,302.98	3.00	50.00	1,476.46	9,944.44
15	6,870.00	750.00	1,396.05	3.00	50.00	1,570.80	10,639.85
16	7,328.00	800.00	1,396.05	3.00	50.00	1,665.14	11,242.19
17	7,786.00	850.00	1,396.05	3.00	50.00	1,759.48	11,844.53
18	8,244.00	900.00	1,396.05	3.00	50.00	1,853.82	12,446.87
19	8,702.00	950.00	1,396.05	3.00	50.00	1,948.16	13,049.21
20	9,160.00	1,000.00	1,396.05	3.00	50.00	2,042.50	13,651.55

¹15 semester credit hours or more pay \$1396.05 per semester based on flat rate at 15 semester credit hours.

²Add \$458.00 tuition, \$50.00 graduate tuition, and \$94.34 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$458.00.00

The University's reinstatement fee is \$363. The 3-Peat fee is \$100 per semester credit hour.

The University reserves the right to change fees upon board approval.

MANDATORY FEES

Note: All fees are payable at registration.

International Education Fee

This fee is charged at a flat rate of \$3 per semester. Funds are used to support cultural diversity within the student body and to enhance student knowledge of other countries through international study and scholarships.

Rec Sports Fee

This fee is charged at a flat rate of \$100 for fall or spring and \$50 for summer. Funds are used to cover expenses for the Jaguar Fitness Center, development of intramural, extramural, and club sports, development of group and individual fitness programs, purchase of recreational and fitness equipment, professional and student staffing, and development of indoor and outdoor recreational space.

University Services Fee

This fee will be used to cover expenses for the following items: academic advising, library services, transcripts, student IDs, distance learning, campus safety and security, transportation, information technology, student services, course fees, and other university services as required.

E-Book Course Fee

A&M-SA has an institutional e-book program in which selected courses are designated “e-book courses” by the faculty. For each designate e-book course, the university charges a mandatory course fee. All students who enroll in a course that requires a university e-book will be charged a course fee which will appear in their overall tuition and fees. Students enrolled in designated e-book courses may access required course materials within the university’s online Learning Management System (i.e., Blackboard).

MISCELLANEOUS FEES

Automobile Registration Fee

All persons who operate a vehicle on University property, regularly or occasionally, are required to register those vehicles with the University Police Department and to obtain a parking permit for a designated area or areas. Detailed information on parking and traffic regulations; penalties for failing to register a vehicle and other traffic and parking violations; methods of obtaining refunds; procedures to follow when changing automobiles; location where vehicle may be parked; and a specific breakdown of fees to be paid will be available at the time of registration.

Three-Repeat Fee

A student attempting a class for the third or subsequent time will be assessed an additional \$100 per semester credit hour fee at registration.

Excess Hours Tuition Rate

Undergraduate resident rate students who have attempted more than 30 credit hours in excess of the required hours for their degree program will be charged tuition at a rate of \$150 per semester credit hour instead of \$50 per semester credit hour. This higher tuition rate will go into effect the next enrolled term after the student reaches this threshold. The exception to this rule would be students who initially enrolled in an institution of higher education prior to fall 1999.

Visitor's Fee

The fee for visiting a course for a person other than a full-time student is the same as that required for registration for credit. A full-time student pays no additional fee for visiting a course.

Other Fees

Computing Device Fee	up to \$500 (opt in)
Installment Payment Plan Processing Fee	\$15
Installment Payment Plan Late Fee	\$15
Late Payment Fee	\$35
Bachelor's Graduation Fee	\$35
Undergraduate (domestic) Application Fee	\$15
Graduate (domestic) Application Fee	\$35
International Application Fee	\$50
Master's Graduation Fee, Plan One	\$111
Master's Graduation Fee, Plan Two and Plan Three	\$43
New Student Orientation Fee	\$50
Readmission Fee (Undergraduate)	\$15
Readmission Fee (Graduate)	\$35
Reinstatement Fee	\$363
Testing Fee	\$35
Diploma Reprint Fee	\$25
BBA Fee (ETS Major Field Test)	\$27
MBA/MPA Fee (ETS Major Field Test)	\$31

The following fees are non-refundable: Late Fee, Reinstatement Fees, New Student Orientation Fee, and Deferred Payment Plan Processing Fees.

Fines for Breakage and Loss

Students registered for courses in chemistry will be notified at the end of a semester of breakage or loss of equipment and will be required to pay the amount due at the Student Business Services Office.

Students are expected to exercise reasonable care of University property; an assessment will be made for any deliberate misuse.

Students must pay all fines before they can receive a transcript of their credits or can register in the University.

REFUND OF FEES

The Higher Education Amendments of 1998 (HEA98) represent a major shift in the return of Title IV Federal Financial Aid when a student withdraws from the university. The policy governs all federal grant and loan programs (Pell, SEOG, Stafford Loans, Perkins and PLUS loans), but does not include the Federal Work-Study program.

In general, the law assumes that a student “earns” approved (verified) federal financial aid awards in proportion to the number of days in the term prior to the student’s complete withdrawal. If a student completely withdraws from school during a term, the school must calculate, according to a specific formula, the portion of the total scheduled financial assistance that the student has earned and is therefore entitled to retain, until the time that the student withdrew. If a student receives (or the University receives on the student’s behalf) more assistance than he/she earns, the unearned funds must be returned to the Department of Education or to the Federal Stafford or parent’s Federal PLUS loan lenders. If a student’s charges are less than the amount earned, and a refund is due, the student may be able to receive those additional funds. **Students who have not completed the verification process are ineligible to receive any financial aid.**

The portion of the federal grants and loans that the student is entitled to receive is calculated on a percentage basis by comparing the total number of days in the semester to the number of days that the student completed before he/she withdrew. The policy governs the earned and unearned portions of the student’s Federal Title IV Financial Aid only. It determines how much, if any, the student and/or the school may need to return. This policy does not affect the student’s charges. The University’s withdrawal policy will be used to determine the reduction, if any, in the student’s tuition and fee or room and board charges. **The student is responsible for paying any outstanding charges to the university.**

Withdrawal Policy

When a student withdraws from the University during the first twenty (20) days of classes during a long semester, six (6) days during a summer session of more than five weeks but less than 10 weeks and two (2) days during a session of five weeks or less, the University will refund a portion of the tuition and fees charged to a student. The percentages refunded are as follows:

Long Semester (10 weeks or longer)

- a. prior to the first class day – 100%
- b. during the 1st, 2nd, 3rd, 4th and 5th class days – 80%
- c. during the 6th, 7th, 8th, 9th and 10th class days – 70%
- d. during the 11th, 12th, 13th, 14th and 15th class days – 50%
- e. during the 16th, 17th, 18th, 19th and 20th class days – 25%
- f. after the 20th class day – none

Summer session of more than 5 weeks but less than 10 weeks:

- a. during class days (1-3) - 80%
- b. during class days (4-6)- 50%
- c. after the 6th class day- None

Summer session of 5 weeks or less:

- a. 1st class day- 80%
- b. 2nd class day- 50%
- c. after 2nd class day- None

The “first class day” is determined by the beginning of a semester or summer session. The first class day is not defined by individual courses. Please refer to the academic calendar for the first class day date.

The refund will be returned to the student only if the student did not receive financial aid assistance from either Title IV programs or state programs. In the cases where the student did receive assistance from these programs, the refund will be returned to the programs in the following order: Unsubsidized Loan, Subsidized Loan, Perkins Loan, PLUS Loan, Pell Grant, FSEOG Grant, TPEG Grant, RPEG Grant, NPEG Grant and Texas Grant.

The student’s official withdrawal date will be determined by the University as:

- a. The date the student began the University’s withdrawal process.
- b. The midpoint of the semester if the student withdraws without notifying the University.
- c. The student’s last day of attendance at an academically-related activity as documented by the University.

If it is determined that the University must return to the Title IV programs monies in excess of any tuition and fees or room and board, the student will be responsible for those monies.

Any grant funds that the student is required to return to the federal programs are considered an overpayment. The student must either repay the amount in full to the University within 45 days of notification of the overpayment or make satisfactory payment arrangements with the Department of Education Collections that the student owes an overpayment. At that point, until the student pays the amount in full to the Department of Education or makes repayment arrangements with the Department of Education, **the student will lose his/her eligibility to receive future federal financial aid at any institution.**

Upon Dropping a Course or Courses

A 100% refund difference of applicable tuition and fees collected will be made for courses from which students drop (not withdraw) by the Census date for a semester or part of term. There will be no refunds for courses dropped after the Census date. Per the Texas Higher Education Coordinating Board (THECB) the following Census dates apply:

Fall and Spring Semesters		Summer Semester	
<u>Length of Term (Weeks)</u>	<u>Census Date</u>	<u>Length of Term (Weeks)</u>	<u>Census Date</u>
2 or less	1st Class Day	2 or less	1st Class Day
3	2nd Class Day	3	2nd Class Day
4	3rd Class Day	4	3rd Class Day
5-6	4th Class Day	5-6	4th Class Day
7	5th Class Day	7	5th Class Day
8	6th Class Day	8	6th Class Day
9-10	7th Class Day	9	7th Class Day
11	8th Class Day	10 or more	12th Class Day
12	9th Class Day		
13-14	10th Class Day		
15	11th Class Day		
16	12th Class Day		

For the specific Census date for each term, refer to the published Academic Calendar.

Refund Policies

The following policies are used for refunds:

- a. Refunds are processed according to published schedules from the Student Business Services Office. Refunds will be processed through Higher One and students may choose to receive their refund in one of the following methods:
 - 1. ACH to their personal account at a financial institution
 - 2. Mailed check
 - 3. One Account card
 The default method is by mailed check if a selection is not made.
- b. Any financial obligations owed the University will be deducted from the refund before the balance is mailed to the student.
- c. Students with a state hold will receive their refund by mailed check regardless of their Higher One selection.
- d. A student who is required to withdraw because of failure in the work of a previous semester will receive a refund in accordance with the above schedule.

Tuition Rebates for Certain Undergraduates

The purpose of this program is to provide tuition rebates that will provide a financial incentive for students to prepare for university studies while completing their high school work, avail themselves of academic counseling, make early career decisions and complete their baccalaureate studies with as few courses outside the degree plan as possible. Minimizing the number of courses taken by students results in financial savings to students, parents and the state. To be eligible for rebates under this program, students must meet the following conditions:

- 1. they must have enrolled for the first time in an institution of higher education in the Fall 1997 semester or later;
- 2. they must be requesting a rebate for course work related to a first baccalaureate degree received from a general academic teaching institution;
- 3. they must have been a resident of Texas as set forth under Chapter 21, Subchapter B of this title (relating to Determining Residence Status) and have been entitled to pay resident tuition at all times while pursuing the

- degree;
4. if enrolled for the first time in fall 2005 or later, graduate within four calendar years for a four-year degree or within five calendar years for a five-year degree if the degree is in architecture, engineering or any other program determined by the Texas Higher Education Coordinating Board to require more than four years to complete, and
 5. they must have attempted no more than three hours in excess of the minimum number of semester credit hours required to complete the degree under the catalog under which they were graduated.

Hours attempted include transfer credit, course credit earned exclusively by examination (except that, for the purposes of this program, only the number of semester credit hours earned exclusively by examination in excess of nine semester credit hours is treated as hours attempted), courses that are dropped after the official census date, for-credit developmental courses, optional internship and cooperative education courses and repeated courses. Courses dropped for reasons that are determined by the institution to be totally beyond the control of the student shall not be counted. For students concurrently earning a baccalaureate degree and a Texas teaching certificate, required teacher education courses shall not be counted to the extent that they are over and above the free electives allowed in the baccalaureate degree program.

The rebate for eligible students is a maximum of \$1,000. Eligibility requirements and application forms are available via the Registrar's website: <http://www.tamusa.edu/registrar/forms.html>.

STUDENT FINANCIAL AID PROGRAMS

Marie Saldaña, Director of Scholarships & Financial Aid

Senator Frank L. Madla Building, Room 106

(210)784-1324

Email: financialaid@tamusa.edu

The Office of Scholarships & Financial Aid assists students in obtaining financial assistance through a variety of federal, state and private sources in order to supplement their own contribution to a college education. The financial gap between the cost of an education and monies available from the family can be complemented by grants, loans, scholarships and/or student employment. (Financial aid application materials generally become available on the Office of Scholarships & Financial Aid website (www.tamusa.edu/financialaid/index.html) each academic year.)

The content of this catalog's subsection is to assist the student in understanding the programs and policies related to the aspects of financial aid and associated programs. The information is subject to revision. For more detailed and current information, it is suggested that the student contact the Texas A&M University – San Antonio Office of Scholarships & Financial Aid.

To be considered eligible for financial aid at Texas A&M University-San Antonio an applicant must:

- Be enrolled or accepted to Texas A&M University – San Antonio as a regular student in an eligible degree or eligible certificate program;
- Be a US citizen, or an eligible noncitizen;
- Sign the certification statement on the Free Application for Federal Student Aid (FAFSA) by the appropriate deadline stating that
 - Not be in default on a student loan and,
 - Not owe a refund on a federal grant and,
 - you will use federal student aid only for educational purposes;
- Register or be registered with Selective Service for most males between the ages of 18 and 25;
- Must have a valid Social Security number for federal aid seeking students;
- Demonstrate financial need (for most programs);
- Not be enrolled in a seminary or in a program leading to ordination or licensed to preach for a religious sect or be a member of a religious order;
- Students must re-apply for financial assistance **every year** by completing the requirements stated above. The award does not continue automatically beyond award year;
- Not be incarcerated or have a state or federal conviction for a drug offense;
- Transfer students must make sure that all financial aid is cancelled at the previous institution(s) to ensure that there will be no delays in the awarding of financial aid at Texas A&M University-San Antonio;
- Federal regulations require a student to be making satisfactory progress toward the completion of a degree or certification to be eligible to receive Title IV funds. The Financial Aid Office at Texas A&M University-San Antonio applies this rule to ALL students applying for aid. Please review the Satisfactory Academic Progress Requirements ([SAP](#)).

General Information

It is the student's responsibility to know and comply with all requirements and regulations of the financial aid programs in which they participate. Financial aid awards may be reduced or cancelled if the requirements of the award are not met. Students receiving any Federal Direct Loans are expected to accept responsibility for the promissory note and all other agreements that they sign. Students must comply with all Federal Work-Study dates and deadlines. All financial aid awards are made under the assumption that the student's status (full-time) has not changed. Any change in the student's status must be reported, in writing, to the Office of Scholarships & Financial Aid as it can affect the financial aid award.

Students receiving Federal Title IV funds are subject to the following withdrawal/refund process for those funds:

The University is required to return to the federal aid programs the amount of aid received that was in excess of the aid "earned" for the time period the student remained enrolled. Students who remain enrolled through at least 60% of the payment period (semester) are considered to have earned 100% of the aid received.

If the University is required to return funds to Title IV aid programs, those funds must be returned in the following order:

- Unsubsidized Direct Loans (other than Direct PLUS Loans)
- Subsidized Direct Loans
- Federal Perkins Loans
- Direct PLUS Loans
- Federal Pell Grants for which a Return is required
- Federal Supplemental Educational Opportunity Grants (FSEOG) for which a return of funds is required
- TEACH Grants for which a Return is required
- Iraq and Afghanistan Service Grant, for which a Return is required

Returning funds to these programs could result in a balance coming due to the University on the student's account. In addition, federal regulations require that schools monitor the academic progress of each applicant for federal financial assistance and that the school certify that the applicant is making satisfactory academic progress toward earning his/her degree. Please refer to Texas A&M University – San Antonio's Satisfactory Academic Progress Policy for detailed information.

Student's Rights and Responsibilities

Students have the right to:

- Know what federal, state, and institutional financial assistance is available;
- Know the financial aid procedure and how aid is awarded;
- Know how and when financial aid is paid;
- Know the cost of attendance at Texas A&M University – San Antonio;
- Know and comply with the Return of Title IV Aid Policy for withdrawal;
- Know what portion of financial aid is grant (gift) aid;
- Know what portion of financial aid is loan and the terms of the loan at the time it is made. This includes interest rate, grace period, and terms of payback, including a sample repayment schedule;
- Know how much need has been met by your award;
- Know the criteria for continued aid eligibility.

A student also has the responsibility to:

- Pay special attention to his/her application for student financial aid, complete it accurately, and submit it on time to the right place. Errors can delay the receipt of the financial aid package.
- Provide all additional information requested by either the Office of Scholarships & Financial Aid or the agency to which the application was submitted.
- Read and understand all forms he/she is asked to sign, and keep copies of them.
- Perform in a satisfactory manner, as determined by the employer, the work that is agreed upon in accepting a Federal Work-Study job.
- Know and comply with the deadlines for applications, appeals and/or withdrawals for financial aid.
- Know and comply with the University's refund procedures.
- Notify the Office of Scholarships & Financial Aid and the lender of a loan (e.g., Federal Direct Loan) of any change in name, address, or school status.
- Complete the Entrance Counseling session if he/she is a new loan borrower.
- Complete the Exit Counseling session prior to withdrawal or graduation.
- Not receive a Federal Pell Grant or other Title IV aid from more than one college/university for the same semester.
- Know that Pell Grant is an automatically accepted award and student must notify the Office of Scholarships & Financial Aid if not attending the university.

APPLYING FOR FINANCIAL AID

Each applicant must complete the financial aid application and requirements before financial aid eligibility can be determined.

The majority of general financial aid funds are awarded on a first-come, first-serve basis to eligible students who document significant financial need and who complete their application materials to the Office of Scholarships & Financial Aid by the March 15 priority date. Application completion is defined as having the results of the FAFSA (Free Application for Federal Student Aid) and all other required documents into the Office of Scholarships & Financial Aid. The FAFSA is available at www.fafsa.ed.gov. Financial aid is awarded to students who demonstrate need, meet the priority date until all of the funds are committed for the year. If the file is completed after March 15, then awards will be limited to Federal Pell Grant (and/or federal student loans). Students must apply annually (on or after January) for financial aid consideration as financial aid does not automatically cross over from one award year to another.

It is the student's responsibility to be sure application materials are complete. Please contact the Office of Scholarships & Financial Aid for application forms and complete details. You may also obtain this information online at www.tamusa.edu/financialaid. All financial aid policies and procedures are subject to change due to revisions in federal and state laws, regulations and guidelines and applicable institution policies.

FAFSA Priority Deadlines:

Fall/Spring: March 15
Spring: November 1
Summer: May 1

How to Apply:

1. Apply for a student and/or parent Federal FSA ID Login online. A FSA ID Login is required to access and sign the Free Application for Federal Student Aid (FAFSA).
2. Complete the FAFSA online at www.fafsa.ed.gov. Students should use the new Federal School Code for Texas A&M University – San Antonio: **(042485)**.
3. Students are notified via e-mail when their Student Aid Report (SAR) is ready for review and has been forwarded to the school(s) of their choice. The SAR is emailed to students 7-10 days after completing the FAFSA. If there are SAR errors, students should correct them online as soon as possible.
4. Students should monitor their status online through [JagWire](#). The U.S. Department of Education randomly selects students for verification. If selected, students will be requested to submit specific documents to complete the financial aid process. Students will also receive notification of any additional documentation required.
5. To be eligible for federal funding, students MUST be a fully admitted, degree-seeking student. Students can check their status online through [JagWire](#).
6. Students are notified in writing of their financial aid eligibility approximately four to six weeks after all application materials have been received in the Office of Scholarships & Financial Aid. If awarded, an award notice is e-mailed via JagWire to the student; it includes the types and amounts of financial aid awarded. The three primary types of financial aid will include grants, loans and student employment if eligible and subject to availability.

Financial Aid Officers are available to assist students through any step in the financial aid process by going by the University Welcome Center. Rm 111 in the Frank Madla Bldg.

Students may contact the Department of Education at:

Federal Student Aid Information Center
1-800-4-fed-aid (1-800-433-3243)
9:00 a.m. to 8:00 p.m. (Eastern Standard Time)

COST OF ATTENDANCE

The cost of attendance (COA) is an estimate of what it costs the typical student to attend Texas A&M University - San Antonio. The cost of attendance is derived from data provided on the student's FAFSA. The amounts cover college tuition and basic living expenses.

When comparing financial aid packages from other schools, students should compare the total cost of attending a specific school(s), not just the total financial aid awarded. It is important to budget and make wise decisions regarding how to utilize financial aid funds.

Estimated Cost of Attendance for Undergraduate Students at Texas A&M University - San Antonio

	Resident at Home with Parents	Resident Off Campus	Non-Resident at Home with Parents	Non-Resident Off Campus
Tuition & Fees	\$8070	\$8070	\$19307	\$19307
Room & Board	\$2,548	\$7,833	\$2,548	\$7,833
Books & Supplies	\$1,328	\$1,328	\$1,328	\$1,328
Transportation	\$2,548	\$2,548	\$2,548	\$2,548
Miscellaneous	\$2,176	\$2,922	\$2,176	\$2,922
Total	\$16,670	\$22,701	\$27907	\$33,938

Estimated Cost of Attendance for Graduate Students at Texas A&M University - San Antonio

	Resident at Home with Parents	Resident Off Campus	Non-Resident at Home with Parents	Non-Resident Off Campus
Tuition & Fees	\$6,082	\$6,082	\$14,066	\$14,066
Room & Board	\$3,656	\$7,833	\$3,656	\$7,833
Books & Supplies	\$997	\$997	\$997	\$997
Transportation	\$2,548	\$2,548	\$2,548	\$2,548
Miscellaneous	\$2,176	\$2,922	\$2,176	\$2,922
Total	\$15,459	\$20,382	\$23,443	\$28,366

Tuition and Fees: The average cost of tuition and fees for a typical undergraduate student is based on enrolling for 30 hours per academic year (Fall and Spring terms). The average cost of tuition and fees for a typical graduate student is based on enrolling for 20 hours per academic year. The actual costs that a student incurs will vary depending on the student's degree or certificate program.

Room and Board: A reasonable estimate of what it costs to live in San Antonio while attending school for an academic year. Actual costs may vary by individual choices related to location and circumstances. Typically includes rent, food, snacks, household supplies, and utilities.

Books and Supplies: The average cost of books and supplies for a typical student for an entire academic year. Typically includes books, educational supplies, course materials, and computer-related expenses excluding the purchase of a personal computer.

Transportation: Represents travel to and from parent's residence and transportation costs to and from class and work (e.g., gasoline, parking).

Miscellaneous: Estimate of costs for clothing, haircuts, entertainment and other miscellaneous expenses. Actual expenses spent on these types of items may be higher or lower depending on the student's lifestyle.

Adjustments to Cost of Attendance will be considered for one-time purchase of a computer, child care, and study abroad.

REVIEWING FINANCIAL AID STATUS

Students can review their financial aid status by completing the following steps:

1. On the Texas A&M University - San Antonio homepage, www.tamusa.edu, hover over the **Quick Links**, and select **JagWire**.
2. Log in using the Windows Domain account.
3. Select **Paying for College**.
4. In the Financial Aid Steps section, select **Review your Financial Aid Requirements**.
5. Another window will open; select each of the tabs to view outstanding requirements, holds, and your Satisfactory Academic Progress.

Award letters are mailed to the student's mailing address and/or e-mailed to a student's University email account informing them of the financial aid award, amount, source, and requirements of the financial assistance they may accept, or decline. Students should familiarize themselves with their University e-mail address to ensure they receive important financial aid messages.

ACCEPTING AWARDS ONLINE

To accept financial aid awards, students should complete the following steps:

1. On the Texas A&M University - San Antonio homepage, www.tamusa.edu, hover over the **Quick Links**, and select **JagWire**.
2. Log in using the Windows Domain account.
3. Select **Paying for College**.
4. In the Financial Aid Steps section, select **Review/Accept Terms & Conditions and Award**.
5. Select the appropriate Aid Year and submit.
6. Select the **Terms and Conditions** tab. Review all terms and conditions and select agree. Note: all students must agree to the Terms and Conditions before accepting financial aid on JagWire and before any financial aid will disburse.
7. Select the **Accept Award Offer** tab and finalize award decision.
 - a. To accept full loan amounts offered, select **Accept All Awards**.
 - b. To accept a partial amount, type in the amount desired, change the drop down box to accept, and select **Submit Decision**. If a student accepts a federal student loan, they must complete the federal requirements associated with the loans, such as completing Entrance Counseling and signing the Master Promissory Note. Students can complete these requirements at www.studentsloan.gov

Note: Please know that Pell Grant is an automatically accepted award and student must notify the financial aid office if not attending the university for the summer term. Students registered for the summer sessions and have Pell Grant eligibility in the summer, will automatically hold classes from being dropped and will hold the student responsible for any and all tuition and fees.

GRANTS

Grants are gift aid programs that do not have to be repaid. Grants are awarded based on a federal need analysis formula and are mostly awarded on first completed, first awarded basis.

There are various types of financial aid at Texas A&M University - San Antonio, which consists of grants, loans, student employment and scholarships. These types of financial aid are available to any student who qualifies. In order to qualify, a student must complete a Free Application for Federal Student Aid (FAFSA) at www.fafsa.ed.gov. To find out more information on the types of grants offered at Texas A&M University - San Antonio, please read additional information pertaining to each grant.

Federal Pell Grant

The Federal Pell Grant Program helps eligible students defray the cost of post-secondary education. The Federal Pell

Grant is a federal aid program designed to provide a "foundation" of financial assistance to all eligible undergraduate students and may be combined with other forms of aid to meet the full cost of education. To qualify, a student must demonstrate financial need. The amount of the grant is based on the computed Expected Family Contribution (EFC), student's enrollment status as a full-time or part-time student, and their plans to attend school for a full academic year or less, and the cost of attendance. Students enrolled for less than full-time will receive a reduced grant award in accordance with federal grid tables. Federal Pell Grant eligibility is limited to 180 earned hours of undergraduate study.

Eligibility must be established each year:

- A student must be enrolled in an eligible program as a degree-seeking student.
- A student must be an undergraduate who has not earned a first baccalaureate degree.
- Meet the requirements of the Satisfactory Academic Progress Policy.

Eligibility

Federal Pell Grant is based on established financial need to undergraduates only. Eligibility ends with first baccalaureate degree or a change to graduate status as determined by the Registrar's office.

Continued Eligibility

Students must maintain at least half-time enrollment in most cases, continue to meet Satisfactory Academic Progress requirements and continue to demonstrate financial need.

The amount of Federal Pell Grant funds you may receive over your lifetime is limited by a new federal law to be the equivalent of six years of Federal Pell Grant funding. Since the maximum amount of Federal Pell Grant funding you can receive each year is equal to 100%, the six-year equivalent is 600%.

If your lifetime eligibility used (LEU) equals or exceeds 600%, you may no longer receive Federal Pell Grant funding. Similarly, if your lifetime eligibility used (LEU) is greater than 500% but less than 600%, while you will be eligible for a Federal Pell Grant for the next award year, you will not be able to receive a full scheduled award.

You can log on to [National Student Loan Data System](#) (NSLDS®) using your FSA ID and view your lifetime eligibility used. The LEU will be found on the Financial Aid Review page.

To learn more about the Federal Pell Grant limits and how your eligibility is calculated please visit <https://studentaid.ed.gov/types/grants-scholarships/pell/calculate-eligibility>.

Federal Supplemental Education Opportunity Grant (FSEOG)

The FSEOG program was established to assist in making the benefits of post-secondary education available to qualified students who, for lack of financial means of their own or of their families, would be unable to obtain such benefits without the grant.

The (FSEOG) provides grants to students who demonstrate the greatest financial need. Students must be eligible for the Federal Pell Grant and demonstrate exceptional financial need. Eligible students must be citizens or eligible noncitizens of the U.S. who are accepted for admission and are enrolled at least half-time as undergraduate students, and are maintaining Satisfactory Academic Progress.

- A student must meet all Title IV requirements.
- A student should demonstrate exceptional financial need, be eligible for a Federal Pell Grant and have a 0 EFC (Expected Family Contribution). Exceptional financial need is established if the student's family resources do not exceed 50% of the cost of education.
- A student must be an undergraduate who has not earned a first baccalaureate degree.
- A student cannot be enrolled in a seminary or in a program leading to ordination or licensed to preach for a religious sect or be a member of a religious order.

The maximum award for an academic year is \$4000. The maximum award at Texas A&M University - San Antonio is \$1000 per semester or \$2000 per academic year and is awarded first to those with lowest EFC's who are eligible for Federal Pell Grants. If funds are still available, FSEOG is awarded to remaining students with the lowest EFC.

Any exception to these limits is made on an individual basis based on the professional judgment of the Director or the Associate Director's. An FSEOG award should not exceed 50% of the financial aid awarded to a student by the institution for an award period.

TEXAS Grant (Toward Excellence, Access & Success Grant Program)

This state grant is awarded to students who are working on their first undergraduate degree. Students must also meet certain financial need requirements and have earned either a recommended or distinguished achievement high school diploma. To be eligible for the TEXAS Grant, you must:

- have previously received a TEXAS Grant
- be a resident of Texas
- have not been convicted of a felony or crime involving a controlled substance
- have financial need (as demonstrated by FAFSA)
- have not exhausted TEXAS Grant eligibility
- meet TEXAS Grant Satisfactory Academic Progress (SAP)—see below
- enroll in an undergraduate degree program on at least a three-quarter time basis

OR

- have earned an associate degree from a public technical, state or community college in Texas and
- enroll in any public university in Texas no more than 12 months after receiving the associate degree.
- be a resident of Texas
- have not been convicted of a felony or crime involving a controlled substance
- have an Expected Financial Contribution (EFC) less than or equal to 4800
- enroll in an undergraduate degree program on at least a three-quarter time basis (9 SCH)

TEXAS Grant SAP Requirements

- At the end of the first year, a student entering the program must meet Texas A&M University- San Antonio's Satisfactory Academic Progress (SAP) requirement.
- Renewal Texas Grant recipients must have an overall college grade point average (GPA) of at least 2.5 on a 4.0 scale and complete at least 24 semester credit hours per year.
- For more information regarding Texas Grant, please visit College For Texans

Important: The award amount (including state and institutional funds) is equal to the student's tuition and required fees. Preference will be given to students with the lowest EFC (Estimated Family Contribution) and will continue as funds permit.

Texas Public Educational Grant (TPEG)

The Texas Public Educational Grant program was established in 1975 to furnish financial assistance to needy students attending public institutions of higher learning in Texas. Awards approved through this program are derived from a combination of federal and state funds. Student must be a citizen or an eligible noncitizen of the U.S., maintain satisfactory academic progress, and demonstrate financial need. The maximum award is \$2000 per academic year.

Undergraduate Tuition Grant and Graduate Tuition Grant

Student must be a citizen or an eligible noncitizen of the U.S., maintain satisfactory academic progress, and demonstrate financial need. The maximum award is \$2000 per academic year.

FEDERAL DIRECT LOANS

The Direct Loan program is provided and administered by the Federal government, U.S. Department of Education. Student loan borrowing cannot exceed the cost of attendance, nor may the student borrow over the annual and lifetime aggregates that are set for Direct Loans. The Department of Education assesses an origination fee on each loan upon disbursement. The type of loan offered is based upon the results of the FAFSA.

Loan Type	Interest Rate
Undergraduate Subsidized Direct Loan	4.29%
Undergraduate Unsubsidized Direct Loan	4.29%
Graduate Unsubsidized Direct Loan	5.84%
Direct PLUS Loans (Parent & Graduate)	6.84%

Direct Loan Processing

Students must complete the following steps to accept a Direct Loan:

Step 1: Accept or Reject the Direct Loan

- On the Texas A&M University - San Antonio homepage, www.tamusa.edu, hover over the **Quick Links**, and select **JagWire**.
- Log in using the Windows Domain account.
- Select **Paying for College**.
- In the Financial Aid Steps section, select **Review/Accept Terms & Conditions and Award**.
- Select the appropriate Aid Year and submit.
- Select the **Accept Award Offer** tab and finalize award decision.

Step 2: Complete Entrance Counseling (All new borrowers)

- Visit www.studentloans.gov
- Sign in and select **Complete Counseling**.
- In the Entrance Counseling section, select **Start**.

Step 3: Complete Electronic Master Promissory Note (MPN) (All borrowers)

- Visit www.studentloans.gov
- Sign in and select **Complete Master Promissory Note**.
- Select Texas A&M University - San Antonio as your school.
- The Office of Scholarships & Financial Aid will receive electronic confirmation when the student has completed Entrance Counseling and the Master Promissory Note.

Federal Direct Loan Limits

Annual and lifetime (total debt) limits for subsidized and unsubsidized student loans are mandated by the U.S. Department of Education. The amounts include the outstanding principal balance on the loan(s) and not interest or other charges incurred.

Dependent Undergraduate Students		
	Subsidized Loan	Additional Unsubsidized
Freshman	\$3,500	\$2,000
Sophomore	\$4,500	\$2,000
Junior/Senior	\$5,500	\$2,000
Maximum Total Debt ¹	\$31,000 (\$23,000 may be Subsidized)	
Independent Undergraduate Students		
	Subsidized Loan	Additional Unsubsidized
Freshman	\$3,500	\$6,000
Sophomore	\$4,500	\$6,000
Junior/Senior	\$5,500	\$7,000
Maximum Total Debt ¹	\$57,500 (\$23,000 may be Subsidized)	
Graduate/Professional Students		
Unsubsidized Loan	\$20,500/Academic Year	
Maximum Total Debt ^{1,2,3}	\$138,500 (\$65,500 may be Subsidized)	

¹All "Maximum Total Debt" amounts include both Direct and FFELP subsidized and unsubsidized loans.

²The graduate total debt limit includes subsidized and unsubsidized student loans received during undergraduate study.

³As of Fall 2012, Federal Direct Subsidized Loans are no longer offered to Graduate Students due to changes in Federal Guidelines.

Direct Loan Exit Counseling

Upon withdrawing, graduating, dropping below half-time, or simply not returning to Texas A&M University - San Antonio, students will be sent information on how to complete Exit Counseling.

Disbursement of Financial Aid

General Information

- Student must be enrolled before funds may be disbursed.
- Student eligibility must be confirmed by the OSFA before funds are disbursed.
- Be enrolled or accepted to Texas A&M University – San Antonio as a regular student in an eligible degree or eligible certificate program.
- Specific questions on individual cases should be addressed to the OSFA at 210-784-1300.

Loans (Students must be enrolled at least half-time.)

- Federal Direct Stafford Loan: Students must complete a Loan Entrance Counseling session and sign a Master Promissory Note (MPN) before funds may be disbursed.
- Federal Direct PLUS Loan: Parents who are awarded a Federal PLUS Loan must receive an approved credit decision from the lender and complete an electronic Master Promissory Note (MPN) before funds may be disbursed. A parent authorization form must be submitted to the Student Business Services Office (SBS) prior to disbursement.
- Federal Direct Loans, Federal Direct PLUS Loans: Borrowers who use these funds to finalize their tuition and fees charges may elect to cancel their loans and use another form of payment within 14 days of disbursement. The OSFA must be notified in writing of the cancellation within 14 days of disbursement.

Disbursement Procedures

Once all requirements have been met:

- Funds awarded from the following may be applied directly to the student's Business Office account:

GRANTS

Federal Pell
Federal SEOG
State Grants
Scholarships

LOANS

Federal Direct Loans
Federal Direct PLUS Loans

- Any remaining balance to the student's account must be paid to the SBS Office prior to the published deadline.
- Eligibility is reviewed again at the end of the drop/add period (census date), and appropriate funds are disbursed to the student's SBS Office account. The OFSA is required to make any necessary adjustments to the student's financial aid award per the enrollment audit review during each semester.
- Any excess of funds will be disbursed to the student through Higher One-My One Card, direct deposit to the student's bank account or will be mailed to the student in the form of a paper check if the student is not signed up for direct deposit. Here are some helpful instructions:
www.tamusa.edu/SBS/StudentAccountsAndBilling/Refunds.html.

TERMS AND CONDITIONS FOR FINANCIAL AID

Statement of Authorization and Responsibility

You must authorize Texas A&M University - San Antonio to apply all financial aid funds to your TAMUSA student account. Funds will be used to pay any current outstanding educational charges if needed. Thereafter, releasing any excess proceeds to you. You must understand that you are responsible for officially notifying the appropriate offices, beginning with the Registrar's Office, if you decide not to attend school. You must further understand you will be held solely responsible for repayment of all unearned disbursed monies as a result of registering and not officially withdrawing within a semester.

Financial Aid Disbursement

Funds will not be disbursed until all eligibility requirements are satisfied. The Office of Scholarships & Financial Aid (OSFA) will disburse awarded funds to student accounts no earlier than 7-10 days prior to the first day of class. If your award package includes Federal Direct Loan funds, the aid will be disbursed to your student account as soon as we confirm that you have completed both Direct Loan Entrance Counseling and the Electronic Multi-Year Promissory Note (eMPN). Texas A&M University - San Antonio will first use the aid to pay your tuition and fee charges. Any remainder will be disbursed to the student through Higher One-My One Card, direct deposit to the student's bank account or will be mailed to the student in the form of a paper check if the student is not signed up for direct deposit. Here are some helpful instructions: www.tamusa.edu/SBS/StudentAccountsAndBilling/Refunds.html.

Revision and Cancellation of Aid

The Office of Scholarship & Financial Aid reserves the right to review, revise and/or terminate your financial aid awards at any time due to changes in your financial status, enrollment status, academic status, and/or receipt of award(s) (resources) after your initial award notification. **Your financial aid award may not exceed your cost of attendance.** The OSFA is required to review potential overawards and make adjustments accordingly. If, after the aid package has been awarded, it is determined that an additional resource is available to the student to help meet the cost of attendance, the financial aid office will be required to recalculate the applicant's eligibility to include the additional resource. If the additional resource causes an overaward situation, the student's aid package will be adjusted to compensate for the overaward. Adjustments may include canceling or decreasing previously awarded aid. A revised award notification will be sent to the applicant's email account indicating any revisions made to the aid package. Your failure to comply with federal and state laws and regulations, financial verification and audit procedures, university policies including those expressed in these provisions, or the university catalog will be subject to the changes stated above. In addition, your financial aid award is subject to revision should the annual federal and state allocation of funds to the university be reduced below anticipated funding levels, or should limitations be placed on funds intended for student financial aid purposes.

Enrollment Audit

Your financial assistance is calculated using a full-time enrollment status (Undergraduate Student: 12 hours per term; Graduate Student: 9 hours per term). However, should you register for less than full-time status it is necessary for you to contact the Financial Aid Office or submit a financial Aid Revision Form. The form is available online at: <http://www.tamusa.edu/finaid/onlineforms>. The OSFA is required to conduct an enrollment audit each term of all students receiving financial aid. Therefore, if your enrollment status is less than full-time at the conclusion of the 12th class day your award(s) will be adjusted accordingly. In the event that your aid is reduced or cancelled after the 12th class day, a debt to the institution may result. You can verify this by occasionally logging on to JagWire and reviewing your student account balance.

Your enrollment status is based only on the hours for which you are actually enrolled. Federal rules do not permit us to adjust enrollment based on internships, student teaching or recommendations of the Office of Disability Student Services (DSS).

Repayment of Financial Aid Due to Withdrawal

Federal regulations require TAMUSA to perform a refund calculation for unearned aid on all students who officially withdraw on or prior to 60% of the payment period (semester/term) and received Federal Title IV funds. If a student withdraws from ALL of their classes prior to the first class day, they must repay all financial aid received for that term. If a student withdraws or cancels enrollment on or after the first class day and on or before the 60% point of a semester, all or a portion of Title IV funds (Federal Pell Grant, SEOG, Federal Direct Subsidized and Unsubsidized, Federal Direct PLUS and Federal Direct Grad PLUS Loans) awarded to a student must be returned according to provisions of the Higher Educational Act Amendment of 2008. The calculation and return of these funds may result in debt to the university and/or U.S. Department of Education. In addition, any future financial aid will be cancelled. Federal regulations also require the university to perform a refund calculation for unearned aid on all students who unofficially withdraw (cease attendance without school notification). Therefore, a student who does not earn a passing grade in any one class due to lack of attendance and who receives Title IV funds will be considered an unofficial withdrawal unless appropriate documentation is provided. These refunds must be calculated using the 50% point of the semester unless the student can otherwise provide documentation for an official last date of attendance. With the calculation and return of these funds, as with an official withdraw, debt and/or cancellation of future financial aid may result. If you just “stop going” to class, not only will you have to repay all unearned financial aid, you will also receive failing grades in all of your classes. Please visit the following link for more information: http://www.tamusa.edu/finaid/return_title_IV.html

Satisfactory Academic Progress

Satisfactory Academic Progress (SAP) denotes a student’s successful completion of coursework toward a degree. Federal regulations require the Office of Scholarship & Financial Aid (OSFA) to monitor the progress of each student toward degree completion. Students, who fall behind in their coursework (fail classes), fail to achieve minimum standards for grade point average or fail to complete classes in a maximum time frame, may lose their eligibility for all types of federal and state aid and university aid administered by the OSFA.

You must acknowledge that you have carefully read and understand the Satisfactory Academic Policy of Texas A&M University - San Antonio. Please visit the following link for more information: <http://www.tamusa.edu/finaid/SAP.html>

Enrollment at Multiple Institutions

A student may not receive a Federal Pell Grant from more than one institution during the same enrollment period (semester). If it is determined that a student is receiving aid from multiple institutions, the Office of Scholarship & Financial Aid will revise that student’s award accordingly. In the event that your aid is reduced or cancelled, a debt to the institution may result.

***Per FAFSA Step Seven Disclaimer:** The student and/or parent signs the application certifying that the student (1) will use federal and/or state student financial aid only to pay the cost of attending an institution of higher education, (2) are not in default on a federal student loan or have made satisfactory arrangements to repay it, (3) do not owe money back on a federal student grant or have made satisfactory arrangements to repay it, (4) will notify your college if you default on a federal student loan and (5) will not receive a Federal Pell Grant from more than one college for the same period of time.*

Summer School Financial Aid

After spring grades are posted and Satisfactory Academic Progress is reviewed, summer financial aid is awarded. In order for your award to be made prior to the beginning of the summer term, you must have pre-registered. You must be enrolled for **at least six (6) hours** in summer to receive Federal Direct Loans.

Summer financial aid is available only for students who have remaining aid that was not utilized during the prior fall and spring terms. The summer term is the final term in our academic awarding year, (fall being the header,

spring being the following, and summer being the trailer). Therefore, if a student has completed the FAFSA for the current aid year, the application also includes summer.

Students who received aid in the current award year only need to register for classes and no additional application form is needed. Students new to Texas A&M University - San Antonio for the spring or summer term will need to complete a Transfer Monitor Form in order to accurately determine Federal aid eligibility. The OSFA is required to review your student aid history within the National Student Loan Data System (NSLDS). Summer aid is awarded based on any remaining Pell grant and student loans. Students may apply for private loans with their lender.

SATISFACTORY ACADEMIC PROGRESS (SAP) POLICY FOR FINANCIAL AID

Academic Progress Standards

The policy, Satisfactory Academic Progress (SAP), is standard for all students who receive federal, state, or institutional aid. Regulations for federal, state, and institutional financial assistance require post-secondary institutions to develop reasonable academic standards that measure a student’s progress toward a degree for the receipt of aid. At Texas A&M University - San Antonio, Office of Scholarships & Financial Aid (OSFA) is responsible for establishing and evaluating minimum SAP standards for recipients of financial aid. SAP standards are evaluated at the end of every semester – fall, spring, and summer for all undergraduate and graduate students with a financial aid record. Financial Aid SAP status includes all previous academic history, even if the student did not receive financial aid.

For Title IV purposes, students are evaluated based on both qualitative and quantitative standards in order to meet Satisfactory Academic Progress. Students must meet a certain cumulative grade point average (GPA), maximum hours attempted threshold, and have a satisfactory completion rate in order to be considered meeting Satisfactory Academic Progress. Certain scholarships and grant programs may have more stringent requirements in order to maintain eligibility for that scholarship. Overall financial aid eligibility will still be determined using the SAP standards. All students, regardless of enrollment status (full-time, part-time, etc.) are subject to the same Satisfactory Academic Progress standards.

Qualitative Measures of Academic Progress

The qualitative measure of academic progress is a grading scale of 0.00 to 4.00, based on students' enrollment classification. Incoming freshmen, graduate students, or transfer students will be eligible to apply for financial assistance upon admission to the university during their initial term. Undergraduate and returning students who have previously attended the university must achieve a minimum cumulative grade point average of 2.00 to maintain eligibility for financial assistance. Graduate students who have previously attended the university must achieve a minimum cumulative grade point average of 3.00 to maintain eligibility for financial assistance.

Quantitative Measures of Academic Progress

While students are expected to enroll in full-time to be eligible for the maximum financial aid, each student must successfully complete at least 67% of all credit hours attempted. This percentage includes all institutional and transfer credit hours, regardless of whether or not financial aid was received.

In addition to maintaining a minimum grade point average, students must demonstrate acceptable progress toward a degree or certificate objective in order to remain eligible for financial assistance. Students cannot receive financial aid beyond a specified total of attempted credit hours; and they must pass a certain percentage of the credit hours for which they enroll. These requirements are summarized as total credit hours and ratio of earned hours to attempted hours in the chart below.

Classification	Grade Point Average	Ratio of Passed Hours to Attempted Hours	Total Attempted Hours (including transfer credits)
Undergraduate	Minimum 2.0	67%	180 credit hours ^{A,B}
Graduate	Minimum 3.0	67%	54 credit hours ^C

^A Includes remedial courses

^B Second Baccalaureate: additional review required

^C Second Graduate: additional review required

Hours earned do not include grades of “F” (failed), “I” (incomplete), “W” (withdrawal) or “WX” (withdrawal excluded from the sixth drop), “WI” (withdrawal identifier for Senate Bill 1231). Courses that have been repeated will be counted for each enrollment as hours attempted, and will be counted as hours passed if a grade other than F, I, W, WX, or WI is received. Remedial course credits will also be used to determine a student’s enrollment status for financial aid eligibility.

Maximum Hour Limit

Federal regulations require that a student complete his program of study within 150% (length of program x 1.5) of the time allotted for the program. For example, if an undergraduate degree is 120 credit hours in length, a student with this major must complete the program within 180 (120 x 1.5) credit hours. All credit hours attempted at Texas A&M University - San Antonio, including repeated courses with a grade of F, I, W, WX, or WI, and all transfer hours to be used toward a degree at TAMUSA that were pursued at a previous institution, will be counted in the determination of hours attempted. After attempting 180 credit hours, the student’s financial aid eligibility will be terminated for this program.

Students seeking their first bachelor’s, the maximum number of credit hours (180 total attempted hours), for first master’s, the maximum credit hours (54 total attempted hours) is limited to 150% of the published degree program length and includes all hours attempted (including repeats and withdrawals) at any institution of higher education and any hours accepted in transfer, even if financial aid was not received. Evaluated credit will also be included in the total attempted hours once articulated by the Registrar’s Office.

Students pursuing a second bachelor’s or master’s degree will be required to provide a SAP Appeal Application as well as the required documentation stated on the SAP Appeal Application to appeal additional financial aid for the remaining number of credit hours needed to complete the program.

A student’s SAP status (quantitative and qualitative) is calculated at the end of every payment period (semester) for all students enrolled at Texas A&M University - San Antonio regardless of whether they are receiving financial aid.

SAP Warning

The first time that a student fails to meet the SAP standards of a cumulative 2.0 GPA-Undergraduate/3.0 Graduate and 67% completion rate, the student will be placed on financial aid warning status. The student will remain eligible for financial aid for one semester during the warning.

Students who attempted previous semesters but did not apply for aid are not able to receive a warning semester initially because students must be meeting Financial Aid SAP to be eligible for initial financial aid consideration.

Financial Aid Denied

If, after being placed on financial aid warning status, a student fails to meet the financial aid SAP standards of a cumulative 2.0 for Undergraduates or 3.0 for Graduates GPA and 67% completion rate, they will be placed on “UNSATISFACTORY” SAP status and will immediately lose their financial aid eligibility.

All students must complete their programs of study by attempting no more than 150% of the hours normally required for completion.

For example, if a program of study is normally completed with 120 credit hours, financial aid eligibility will be suspended once a student has attempted 180 credit hours or more.

Appeal Procedure

Once the student has been placed on financial aid suspension, they will be given the opportunity to appeal to have their financial aid reinstated. Students may appeal their SAP denied status before the term deadline.

An appeal must be submitted to the Office of Scholarships & Financial Aid (OSFA) before aid can be disbursed in future semesters. Appeals must be completed by the student. Any student anticipating the necessity of initiating an appeal should be prepared to pay his or her own registration fees in the event the appeal is not approved or is

approved after the payment deadline. If the appeal documents are incomplete or lack corroborating documentation, the review and decision process could be delayed or denied. The Financial Aid Appeal Committee will review appeals and validate the attached documentation, to determine if the student's extenuating circumstances should be taken into consideration for approval of their appeal.

Students must provide the following documentation, along with their completed SAP Appeal Application to be considered:

- Provide a personal statement that explains:
 - The factors contributing to the student's lack of academic progress. It is assumed that each student appealing is dependent upon financial aid for the completion of his/her degree, so this explanation is not considered reason for approval. Students should not discuss their need for financial aid in their appeal, as this is not grounds for approval.
 - How his/hers personal circumstances have changed so that it will no longer impede his/hers academic progress.
 - What measures the student is taking to ensure his/hers academic success in the future, such as a reduction in enrollment, utilizing tutoring, etc. Be specific.
 - Attach supporting documentation to substantiate his/hers reason(s) for the appeal (i.e. medical documentation, death certificates, obituaries, doctor's notes etc.). SAP Statements without corroborating documentation will be considered incomplete and be denied for the semester.
- An updated degree plan signed by both student and Academic Advisor must be included.
- Provide a print out of the completion of the Exit Counseling Session from www.studentloans.gov.

The Appeal Form can be obtained at the Office of Scholarships and Financial Aid or online at: <http://www.tamusa.edu/financialaid/financialaidforms.html>. (Disclaimer: The Appeal Form will not be available to students after the submission deadline for each semester.)

Failure to provide the required documentation will result in the denial of the student's appeal. All information will become a part of the student's confidential financial aid record and cannot be returned. The student will receive notification from the Financial Aid Office within two to four weeks regarding the status of the appeal. Appeals submitted after the first day of class each semester may require additional time for review and a response.

Deadlines

- **Fall semester = Census Date**
- **Spring semester = Census Date**
- **Summer semester = Census Date for first summer term**

Approval of Appeal

If the student's appeal is approved, the student's SAP status is updated in JagWire as SAP "Appeal Approved" and the requirement for "Counseling Request" (to meet with Financial Aid). The student will be placed on a SAP Academic Plan for Success for every future term until the end of summer in the aid year of the SAP appeal. The student must appeal at the beginning of every Fall term if he/she is still not meeting SAP standards for financial aid. A Financial Aid Officer will review the SAP Academic Plan document with the student to establish the agreed requirements that the student must meet within that term for future aid consideration. The SAP Academic Plan is not considered valid until it has been signed by both the student and the Financial Aid Officer. The student is provided a copy of the signed SAP Academic Plan to ensure that the student is aware of the agreed requirements.

Students, whose eligibility for Financial Aid is approved for reinstatement by the Financial Aid Appeal Committee, is awarded effective with the academic term for which the Appeal is requested. Approval will not impact prior terms. All tuition and fees incurred during the period of time the student was suspended are the sole responsibility of the student.

Monitoring of SAP Academic Plan

SAP Academic Plans are reviewed at least once per academic term. Failure to adhere to the conditions of the Academic Plan will result in the denial or cancellation of all future aid until the student has met the minimum standards of Satisfactory Academic Progress at their expenses. Additionally, the student must submit a detailed

midterm written progress report for their courses in person to the Office of Scholarship & Financial Aid for each term while under SAP Appeal Status.

Denial of Appeal

If the appeal is denied, the student will be ineligible for future aid until they have met the minimum standards of Satisfactory Academic Progress. No future appeals will be accepted for the denied term. The decision made by the Financial Aid Appeal Committee is final unless there are other mitigating circumstances not documented in the original appeal.

WITHDRAWAL TUITION AND REFUNDS POLICY FOR FINANCIAL AID

The Higher Education Amendments of 1998 (HEA98) represent a major change in the Return of Title IV (R2T4) Federal Financial Aid when a student withdraws from the University. Effective October 7th, 2000, Texas A&M University – San Antonio implemented this policy for all students who withdraw on or after that date. The policy governs all federal grant and loan programs (FPELL, FSEOG, Federal Direct Loans and Direct PLUS loans), but does not include the Federal Work-Study program.

The law assumes that a student "earns" approved (verified) federal financial aid awards in proportion to the number of days in the term prior to the student's complete withdrawal. If a student completely withdraws from school during a term, the school must calculate, according to a specific formula, the portion of the total scheduled financial assistance the student earned until the time the student withdrew and therefore entitled to retain. If a student receives (or the University receives on the student's behalf) more assistance than he/she earns, the unearned funds must be returned to the Department of Education or to the Federal Direct Loan or parent's Federal PLUS loan lenders. If a student's charges are less than the amount earned, and a refund is due, the student may be able to receive those additional funds. Students who have not completed the verification process are ineligible to receive any financial aid.

The portion of the federal grants and loans a student is entitled to receive is calculated on a percentage basis by comparing the total number of days in the semester to the number of days that the student completed before he/she withdrew. The new policy governs the earned and unearned portions of the student's Federal Title IV Financial Aid only. It determines how much, if any, the student and/or the school may need to return. This policy does not affect the student's charges. The University's withdrawal policy will be used to determine the reduction, if any, in the student's tuition and fee or room and board charges. The student is responsible for paying any outstanding charges to the University.

When a student withdraws from the University during the first twenty (20) days of classes during a long semester or six (6) days during a summer session the University will refund a portion of the Tuition and Fees charged to a student. The percentages refunded back are based on the Registrar's Office Policy (See Policy).

In accordance with Federal regulations, when Title IV, HEA financial aid is involved, the calculated amount of the R2T4 Funds" is allocated in the following order:

1. Unsubsidized Direct loans (other than Direct PLUS loans)
2. Subsidized Direct loans
3. Federal Perkins PLUS loans
4. Direct Plus loans
5. Federal Pell Grants for which a Return is required
6. Federal Supplemental Educational Opportunity Grant (FSEOG) for which a Return of funds is required
7. TEACH Grants for which a Return is required
8. Iraq and Afghanistan Service Grant for which a Return is required.

The student's official withdrawal date will be determined by the University as:

1. The date the student began the University's withdrawal process.
2. The midpoint of the semester if the student withdrew without notifying the University.

3. The student's last date of attendance at an academically-related activity as documented by the University.

If it is determined that the University must return Title IV programs monies in excess of any Tuition & Fees or Room & Board, the student will be responsible for repaying those monies.

Any Federal funds a student is required to return to federal programs are considered an overpayment. A student must either repay the amount in full to the University within 45 days of notification of the overpayment or make satisfactory payment arrangements with the Department of Education to repay the amount. If a student fails to repay to the University within 45 days, the University will notify the Department of Education Collections that the student owes an overpayment. Until the student pays the amount in full to the Department of Education or makes repayment arrangements with the Department of Education, the student will lose his/her eligibility to receive future federal financial aid at any institution.

Federal Policy Regarding 'Unofficial Withdrawals'

The Federal Regulation GEN 0403 provides guidance on the application of Return to Title IV aid requirements. This new guidance requires institutions to closely monitor the attendance of students who receive Title IV aid.

At the end of every semester, grade evaluations are completed to determine compliance with this new regulation. The federal government assumes a student who does not receive a passing grade in any class attempted and/or receive incomplete grades has unofficially withdrawn from the institution. This assumption requires Texas A&M University - San Antonio to formally document the attendance of students who received all "F's" or "I's" in classes attempted in that period.

If a student earns a passing grade in at least one course, the Return to Title IV policy is not applicable.

Unofficial withdrawals encompass all other withdrawals where official notification is not provided to Texas A&M University – San Antonio. Students who do not officially withdraw through the Registrar's Office/cease attending class are also subject to the federally mandated calculation described above.

If it is determined that you never attended any of the classes for which you (or your parent) were paid, then you never *earned* the funds (aid). As a result, **all** funds (aid) will be canceled and returned to the programs from which they were awarded. You will then owe a complete repayment to the university.

Unofficially withdrawing from classes, not beginning attendance, or failing to complete and pass registered hours may affect your future eligibility for financial aid. You must meet [Satisfactory Academic Progress](#) requirements to maintain eligibility for financial aid as defined by the Office of Scholarships & Financial Aid.

All Failing Grades Received

Financial aid is awarded to students with the expectation that they will attend classes for the entire payment period and that they will make satisfactory progress toward a degree. If a student who began attendance, does not officially withdraw, and subsequently receives all failing grades (any combination of F's, W's, I's and Q's) during a term, the OSFA is required to calculate the amount of Federal Title IV funds (aid) *earned* during the term in which all failing grades were received.

For this group of students, the institution must still determine the amount of Title IV grant or loan assistance that the student *earned* up to the date of withdrawal. For these unofficial withdrawals, commonly known as dropouts, the withdrawal date is the midpoint of the payment period (50%) or the last date of the student's attendance in an academically related activity, as documented to OSFA by the course's instructor of record.

If all failing grades are earned, the student will be required to have at least one of their instructors e-mail the OSFA with their last date of attendance in an academically-related activity. If the instructor provides OSFA with the last date of attendance by the prescribed deadline, then OSFA will use this date as the *withdrawal* date in the federally mandated calculation described above. If the last date of attendance in an academically-related activity is unknown

to the school by the prescribed deadline (10 days from the written notification to the student), then the last date of attendance used in the federally mandated calculation will be the midpoint of the payment period (50%).

Summer Financial Aid

An application for summer financial aid is not required. However, to be considered for financial aid students must register for classes. After spring grades are posted and satisfactory academic progress is reviewed, summer financial aid is awarded for eligible continuing students. In order for the student's award to be disbursed prior to the beginning of the summer term, the student must have pre-registered. A student must be enrolled in 6 hours in the summer to receive a Federal Direct Loan.

The Office of Scholarships & Financial Aid will calculate eligibility based on the completed 2016-2017 Free Application for Federal Student Aid (FAFSA) and anticipated summer enrollment. If you have not previously applied for financial aid for the 2016-2017 academic year, you must complete a 2016-2017 [Free Application for Federal Student Aid](#) (FAFSA) and the central processor must receive it no later than June 30, 2017. Students must file for financial aid and submit all required documents at least 10 business days before the end of the summer session in which they are enrolled, to allow sufficient processing time. Federal regulations prevent federal financial aid awards after the enrollment period ends.

Summer Financial Aid Available

In order to receive aid from any of these programs, you must meet all eligibility requirements defined by program guidelines and federal regulations.

- Summer Federal Pell Grant
- Summer Federal Direct Student Loans
-

Please Note: If your enrollment falls **below 6 hours** in total for summer hours, you may **not be** eligible for federal student loans and your grants may be revised or canceled. If you have been awarded summer aid and your enrollment status changes, you must contact the Office of Scholarships & Financial Aid immediately to determine your eligibility status of financial aid.

Summer Withdrawal

If the student receives financial aid and withdraws from the university, the student may be required to repay all or part of the aid that was awarded to them. They may also be required to complete an exit loan counseling session.

If a student finds it necessary to withdraw, from the university (i.e., drop all of their courses) during a given semester or term, they must complete and submit a Withdrawal Form to the Registrar's Office in the Welcome Center. As part of this withdrawal process, the student is required to meet with a Financial Aid representative.

If the student withdraws from all of their classes prior to the first class day, they must repay all the financial aid that was received. If the student withdraws on or after the first class day, all courses dropped will be counted towards their attempted hours for the purpose of maintaining satisfactory academic progress and may have to repay all or a portion of any aid received.

If the student withdraws from the University before completing 60% of the semester, they will have their pending/disbursed financial aid adjusted based on the percentage of the semester that was completed.

For example, if the student withdrew from classes 30% into the semester, they did not earn 70% of the aid awarded to them.

Disbursement of Financial Aid & Scholarship Funds

- For your awards to disburse, your awards must be "accepted" on JagWire. You can also "decline" awards you do not want to receive.

- Satisfactory Academic Progress (SAP) is monitored at the end of each term. You must be meeting the minimum standards for SAP by the end of any given enrollment period at Texas A&M University – San Antonio in order to maintain financial aid eligibility.
- Disbursement of most financial aid funds to undergraduate students will occur once you establish half-time (6 undergraduate hours) attendance.
- Disbursement of most financial aid funds to graduate students will occur once you establish half-time (4.5 graduate hours) attendance.
- Federal grant payments may be delayed due to required review by OSFA staff. These payments are based on your annual limit and on your summer enrollment status. Please note: some grants have additional requirements and are not guaranteed.
- Loan funds will be disbursed in one disbursement on the 1st class day of the session in which you establish half-time attendance. You must have completed Entrance Counseling requirements and have a signed Master Promissory Note (MPN) on file with your lender before funds will disburse.
- If you have been awarded your maximum Direct Stafford Loan eligibility during the Fall/Spring 2016-2017 terms, you will not be eligible for loan funds during the Summer 2017 term.
- Scholarship funds will disburse to your student account once you establish attendance in the credit hours required to receive your award(s). Please review your scholarship award notification and/or agreement to confirm enrollment requirements, and contact the funding department or external agency for additional information.

SCHOLARSHIP INFORMATION

At Texas A&M University-San Antonio, we recognize the importance of a quality education. We are dedicated to helping students find a way to achieve their higher education goals. In addition to awarding institutional scholarships, the Office of Scholarships & Financial Aid handles private scholarships. To ensure maximum consideration, it is imperative that students are knowledgeable of the specific requirements and deadlines associated with all scholarships awarded.

	Fall 2016	Spring 2017
General Scholarship Deadline	June 30	November 1

Basic Eligibility Criteria

To be eligible for scholarships, students must meet the following requirements:

- Admitted to Texas A&M University - San Antonio
- Be a degree-seeking student.
- Complete the Free Application for Federal Student Aid (FAFSA) for need based scholarships at www.fafsa.ed.gov. (International students are not eligible to apply for the FAFSA).
- Have submitted all paperwork requested from the Office of Scholarships and Financial Aid for need based scholarships.

Process of Applying for a Scholarship

Students can apply for a variety of institutional scholarships through the Texas A&M University - San Antonio General Scholarship Application. One general application is applicable for a variety of scholarship opportunities. To submit the general application, a student must create an account with the online Scholarship Manager system and complete the online application. Supporting documents such as a letter of recommendation may be required. Each student will receive a confirmation email that his/her application was successfully submitted and an official scholarship notification letter with the final scholarship decision. Students should visit www.tamsua.tamus.edu/scholarships for a complete list of scholarships available and scholarship criteria.

Important Scholarship Information

- The General Scholarship Application is valid for an entire academic year. An application submitted during fall would also be valid for spring awarding. Applicants will be considered for all the scholarships in which they meet the criteria.

- Meeting the application requirements and scholarship criteria does not guarantee a scholarship award. Awards are determined by the availability of funds and committee review. Spelling, grammar, mechanics, and the overall completeness of the application will be considered during the selection process.
- Incomplete applications will not be reviewed.
- Federal regulations require that all financial resources are considered when determining each student's eligibility for financial aid. Receipt of a scholarship may result in an adjustment to financial aid awards and may reduce student loans or other tuition grants.

After the scholarship application has been submitted, changes are not permitted.

STUDENT EMPLOYMENT

Students who want to supplement their educational resources may do so through on- or off-campus part-time employment.

Part-Time Student Employment

Students may apply for consideration for on-campus employment by various University offices and departments. Student employment on a part-time basis by the University is generally limited to 19 hours per week. Students may learn of both off- and on-campus employment opportunities through the Career Services Office or via Jaguar Jobs, the online jobs database. Jaguar Jobs is accessible through your JagWire account. Generally, to be eligible for student employment, a student must be enrolled in a minimum of six credit hours during the current semester; however, student employees need not be enrolled during the summer to maintain student employee status as long as they intend to enroll in the following fall term and enrolled in the previous spring term.

Student employees must be in good academic standing and maintain an academic record acceptable to the department head for the employing department, including a cumulative grade point average of no less than 2.0.

Graduate Assistantships

A graduate assistant who is employed by the University should be enrolled as a full-time graduate student (9 semester credit hour during the long terms and 6 semester credit hours during the summer) and must work 20 hours per week. If the graduate assistant drops below the full-time course load requirement, the assistantship will be terminated. All graduate assistants must maintain a minimum grade point average of 3.0, be in good academic standing, and be current on all financial obligations to the University.

For additional information on graduate assistantships, please refer to the Graduate Assistant Handbook.

STUDENT ENGAGEMENT AND SUCCESS

Jo Anna Benavides-Franke, Assistant Vice President of Student Engagement & Success
Senator Frank L. Madla Building, Room 312
(210)784-1330

The AVP of Student Engagement and Success (SEAS) exercises broad responsibility for the student services of the University. Student Engagement and Success is responsible for improving the quality of life for students and assisting them in attaining their educational goals; for promoting an environment which aids in the students' emotional, social, cultural, and ethical development; and for working with all academic colleges and departments as an advocate for students' rights. The AVP of SEAS oversees the creation and implementation of programs, services, and activities which are consistent with the University's mission.

Standards of Campus Conduct

Members of the University community assume full responsibility for compliance with Texas laws and for proper self-conduct. In addition to behaving according to the ordinary conventions of adult society, members of the University community are bound by University rules, procedures, administrative procedures, handbooks, catalogs and other university approved directives conducive to creating a positive campus atmosphere and general academic well-being.

The code for student conduct is set forth in the *Student Handbook*. Specific attention is given there to rules addressing academic misconduct, hazing, sexual harassment and substance abuse, including alcohol abuse and the illicit use of drugs. Grievance procedures and guidelines for sanctions are outlined.

In order to create a healthy and pleasant atmosphere, a campus-wide smoking policy designates Texas A&M University-San Antonio as a smoke-free campus.

Hazing

Hazing is a criminal violation under Texas law. A person may be found guilty of criminal conduct for hazing, encouraging hazing, permitting hazing, or having knowledge of the planning of hazing incidents and failing to report in writing his/her knowledge to the Director of Rights and Responsibilities

Both failing to report hazing and hazing that does not result in serious bodily injury are Class B misdemeanors. Hazing that results in serious bodily injury is a Class A misdemeanor. Hazing resulting in a death is a state jail felony. An organization found guilty of hazing may be fined \$5,000 to \$10,000, or, for incidents causing personal injury or property damage, an amount double the loss or expenses incurred because of the hazing incident.

It is not a defense to prosecution that the person hazed consented to the hazing activity.

Any person reporting a specific hazing incident to the Director of Rights and Responsibilities or other appropriate institutional official is immune from civil and criminal liability unless the report is in bad faith or malicious.

This state law does not limit or affect the right of an educational institution to enforce its own penalties against hazing.

Texas Education Code Section 37.151 defines hazing as "any intentional, knowing, or reckless act occurring on or off the campus of an educational institution, by one person 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 an organization." The statute contains a list of conduct which constitutes hazing.

Student Right-to-Know and Campus Security Act, Public Law 101-542 and Amendments Thereto

This act is designed to provide prospective or entering students with information concerning (a) campus security policies and procedures, security services available, campus crime statistics and alcohol and drug use policies; (b) completion or graduation rate of full time certification-seeking or degree-seeking undergraduate students; and (c)

graduation rate of student athletes who receive athletic scholarships. This information is contained in an annual report available in the University Library.

Student Government Association (no changes)

The Student Government Association (SGA) is the highest governing body for students at Texas A&M University-San Antonio. It plays an active role in campus affairs and makes recommendations to the University administration for improving student life.

Meetings are held bi-weekly and are open to the public. The student body elects the president, vice-president and the senators during a general student election held each spring and fall.

Campus Activities

Office of Student Activities

Central Academic Building, Room 103

(210)784-1329

Campus Activities coordinates the majority of the co-curricular opportunities for our students. It serves as the hub for all Texas A&M University-San Antonio student organizations and provides many services/resources. The office is responsible for activities such as registering organizations and helping student groups with operational assistance. The office also coordinates campus-wide events. Participating in co-curricular involvement is essential to student success; Campus Activities strives to complete our students' education.

Career Services

Main Campus, Central Academic Building, Suite 211

Brooks City-Base Campus, Room 179

(210) 784-1342, (210) 784-1339, (210)784-1406

The Texas A&M University-San Antonio Career Services Office (CSO) is dedicated to the development of innovative programs that promote the life-long career management for undergraduate and graduate students as well as recent alumni. CSO assists students in exploring and defining career options, developing job search strategies, identifying and networking with prospective employers, finding employment opportunities and obtaining career-related work experience through internships and. It also assists in exploring and applying to graduate schools.

CSO also provides individual and group career advisement, professional correspondence services (resume building, cover letter writing, and application troubleshooting), career-driven workshops, career, government & nonprofit and educator fairs, on-campus interview opportunities, and the interpretation of career assessments. The Office extensively uses technology to provide services to long distance and on-campus learners alike. Students may participate in mock interviews through Skype or InterviewStream, search for jobs through Jaguar Jobs, take assessments through Choices, and gain guidance through What Can I Do With This Major? And CareerSpots.

Student Counseling & Wellness Services

Central Academic Building, Suite 210

Brooks City-Base Campus, Suite 149

(210)784-1331

Student Counseling Services supports the needs of the diverse A&M-SA student population by providing counseling and mental health services to currently enrolled students. Counseling services are short-term developmentally-focused and are free of further charge as services are funded through the Student Service Fee.

Counseling services are as confidential as the law allows and are not part of a student's academic or university record. SCS providers are licensed professionals and utilize a brief therapy model to provide students the opportunity to identify the factors that contribute to their difficulties and to deal more effectively with the psychological, behavioral, interpersonal and situational causes of those difficulties.

Disability Support Services
Central Academic Building, Suite 210
Brooks City Base Campus, Suite 149
(210)784-1335
dsupport@tamusa.tamus.edu

Disability Support Services is committed to providing services, support and programming that enhance student awareness and independence on physical, emotional, social and intellectual levels. Disability Support Services supports the needs of the diverse A&M-SA student population by providing innovative and exceptional services that eliminate barriers and are consistent with the highest professional & ethical standards. It is our hope that these services will produce access to a teaching and learning environment that will promote student participation and engagement.

Office of Student Rights & Responsibilities and International Affairs
Senator Frank L. Madla Building, Suite 125
(210)784-1310

The Office of Student Rights & Responsibilities and International Affairs enriches and fosters the educational experience of Texas A&M University-San Antonio's community by providing consistent, student support for all student conduct and student grievances in addition to providing our international community with immigration support. Office hours are Monday through Friday, 8 a.m. to 5 p.m. or by appointment.

- **Office of Student Rights and Responsibilities**

(OSRR) The Office of Student Rights and Responsibilities promotes a campus environment of student success that balances student rights and responsibilities through a fair and objective due process, while upholding the highest academic and behavioral standards articulated in the Student Code of Conduct.

The Main role of the office is to oversee the student conduct and grievance process, uphold the Student Code of Conduct, and be an advocate for students who may have questions regarding community standards. Staff members in the Office of Student rights & Responsibilities strive to promote a campus climate of integrity, service, commitment and excellence by focusing on promoting a holistic approach to student rights and responsibilities. You may reach us at Studentrr@tamusa.edu.

- **Office International Affairs (OIA)T**

The OIA serves as a welcoming presence for all international and undocumented students, foreign faculty and staff and for Exchange Visitors as well. The OIA is the institution's primary service department for all immigration needs. The OIA's mission is to provide up-to-date immigration guidance to all of the institution's international population on various visa categories, while protecting the integrity of the institution by complying with state, local and federal regulations. You may reach us at Internationalaffairs@tamusa.edu.

Recreational Sports
Central Academic Building, Suite 103
(210) 784-1346 or (210) 784-1348

The Department of Recreational Sports provides an inclusive environment for the campus community that encourages the lifelong pursuit of healthy living and learning. Our facilities and programs offer an outlet that accentuates the educational core of the university, while enhancing the capacity for intellectual and emotional wellness.

Recreational Sports is responsible for providing various recreational activities in an informal and structured environment. Students are also able to participate in organized activities such as Intramural Sports and Sport Clubs. Intramural sports such as billiards, table tennis, wiffleball, and video game tournaments are held on the main campus. Flag football, basketball, volleyball and larger team sports are held in partnership with Palo Alto College (PAC) at their Recreation Center on the PAC campus.

Sport clubs are organized sporting events between A&M-SA students and students from other universities and colleges. The competition is at a non-varsity level and students are responsible for organizing and governing of their respective teams.

Recreational Sports offers activities in the following locations on campus:

The Jaguar Fitness Center
Senator Frank L. Madla Building, Room 128
(210) 784-1360

The Game Room and Lounge
Central Academic Building, Room 105
(210) 784-1389

The Den at Patriots' Casa
Patriots' Casa, Suite 204
(210) 784-1361

UNIVERSITY COLLEGE

Ashley Spicer-Runnels, Assistant Vice President of the University College
Senator Frank L. Madla Building, Room 312
(210)784-1408

First Year Experience Programs
Patriots' Casa, Room 104
(210)784-1399

New Student Orientation: The New Student Orientation is specifically designed for undergraduate and graduate students who are new to Texas A&M University-San Antonio and have not been enrolled during a full semester term (fall or spring) within the past year. The New Student Orientation Program has been designed to assist students in their transition from previous academic institutions to Texas A&M University-San Antonio. Each academic institution has their unique policies, procedures and services. The New Student Orientation Program provides information specific to the academic expectations and performance policies, in addition to the services, resources, and involvement opportunities for students at Texas A&M University-San Antonio.

JagX (Bridge): The A&M-SA Jaguar Experience jump starts a student's transition to college and prepares our new Jaguars for the life-changing experiences that lie ahead. As a key part of the professional journey, the A&M-SA Jaguar Experience contributes to retention efforts by introducing our new undergraduates to university expectations and culture through an emphasis on the professional, intellectual, and life skills that will enable participants to be successful as university students. This week long experience, held prior to first day of class, will allow our students to meet fellow jaguars, interact with faculty and staff, and feel a connection to our university.

Jaguar Tracks: Jaguar Tracks are a one hour, for credit course, that students will take their first semester on campus, and then during each semester as they transition to sophomore, junior, and senior standing. The focus of each course will be geared around the theme designated for the specific track the student is taking with an overarching goal of student academic success and retention. Courses will focus on areas such as, but not limited to, discovering the students' place on campus, discovering globalization and diversity, developing a global perspective, becoming active members of the broader community within their discipline, and discovering students' place in a professional field. Students will interact with faculty, staff, and fellow jaguars during their time in the course.

Jaguar Family Programs: Jaguar Family Programs coordinate all programs and events for the family members of our Jaguar students including Family Orientation, Family Weekend, Summer Send Offs and Parent/Family volunteer opportunities. We recognize that family members play a vital role in a student's college success, and our office works to provide families with resources to aid their student throughout their student's college career.

UNIVERSITY SERVICES

The University provides a number of services for the University community. These are free or have minimal charges.

Office of Undergraduate Academic Advising

Main Campus, Senator Frank L. Madla Building, Office 336

(210) 784-1307

Brooks Campus, Office 179

(210) 784-1307

Texas A&M University-San Antonio places a very strong emphasis on developing a one-on-one individual academic relationship between each student and their academic advisor. This relationship is essential when a student participates in the advising process. The Office of Undergraduate Academic Advising at Texas A&M University San Antonio supports and facilitates undergraduate transition and integration into the university community by assisting students in developing appropriate educational plans consistent with their academic, career, and personal goals. We recognize the importance of advising as a teaching and learning process.

The Office of Undergraduate Academic Advising reflects the institutional goals of excellence in teaching and learning that is focused on Student Success. As such, we strive to:

1. Continually assist students in understanding the nature, purpose and potential of higher education.
2. Ensure that students have access to knowledgeable and informed advisors who demonstrate care and respect.
3. Mentor and guide students as they explore and clarify their values, interests, skills, educational, and life goals.
4. Provide accurate information about educational opportunities, requirements, policies and procedures.
5. Collaborate with students on the development and implementation of academic plans and educational experiences congruent with the student's interests and abilities.
6. Communicate regularly with students to monitor and evaluate their educational progress to ensure student success leading to graduation.
7. Teach students to utilize university resources to maximize their unique educational and personal potential.
8. Improve University-wide academic advising via an ongoing assessment program.

The academic departments within the College of Business, College of Education, and College of Arts and Sciences have specific procedures, requirements, and schedules for degree plans and registration. A student's advisor of record is the advisor associated with their major. Majors from the College of Education and Human Development and the College of Arts and Sciences are advised in the Office of Undergraduate Advising at the Main Campus. Majors in the College of Business are advised in the Office of Undergraduate Advising- Brooks Campus. For information regarding scheduling an appointment with an undergraduate academic advisor, please call (210) 784-1307, or visit the undergraduate academic advising website at: <http://www.tamusa.edu/advising/academicadvising.html>

Texas A&M-San Antonio Identification Card

Main Campus, Madla Building, Room 111

(210)784-1300

<http://www.tamusa.tamus.edu/welcomecenter/index.html>

Texas A&M University-San Antonio requires an identification card (ID) for faculty, staff, and students. The A&M-SA card must be presented upon request. All ID cards are issued at the Welcome Center Office. Students use the card to access student services, printing, and Jaguar Cash. All questions concerning the ID card should be referred to the Welcome Center Office. Additional information about the Jaguar Card is available here:

<http://www.tamusa.tamus.edu/businessaffairs/jaguarcard.html>.

Information Technology Services (ITS)
Central Academic Building, Suite 233
(210)784-4357

Information Technology Services (ITS) provides for the computing and technology needs of Texas A&M University-San Antonio and maintains the technology resources used by students, faculty, and staff for a wide variety of teaching, learning, and research needs. Services such as open access labs, university email and file storage, wireless internet access, technology-enabled classrooms and conference room spaces are all centrally supported by the ITS department. The department is also responsible for supporting software licensing and applications such as the learning management system (LMS) which is used for face-to-face, online, hyflex, and/or hybrid instruction, and the student information system (SIS) that allows for student registration and fee payments.

With multiple convenient locations (Central Academic Building, Suite 233 and Brooks City-Base Campus, Room 144), ITS staff members stand ready to provide in-person service and support to students, faculty, and staff. The ITS Helpdesk can also be contacted by phone at 210-784-HELP (4357) or via email at helpdesk@tamusa.edu.

ITS also provides several user self-service options including submission of service requests, password resets, and remote assistance. These resources, ITS Helpdesk office hours, and other helpful information are available through the ITS website at <http://www.tamusa.edu/its>.

Jaguar Student Media
Jenny Moore, Program Director of Communication/Journalism
Central Academic Building, Room 321B
(210)784-7129

Jaguar Student Media provides students diverse opportunities to gain practical experience working on online and broadcast media outlets. Faculty-advised projects are designed as a gateway to achieving professional-level work. Productions include The Mesquite, the campus' award-winning online newspaper, and Jaguar TV (JTV), produced and advised in collaboration with Univision/Channel 41 at A&M-San Antonio's downtown educational and cultural arts center. During the first year of production, Univision 41 and broadcast students received a Texas Emmy for their work on Proyecto U, a collaborative broadcast project focused on higher education issues. The Mesquite was launched in 2010 and received First Place for Best Online-Only News Site and Online Opinion and Commentary by the Society of Professional Journalists (Region 8) in 2014.

Jaguar Student Media is advised and directed by Jenny Moore, Program Director of Communications/Journalism. For more information, visit our digital news site at <http://www.mesquite-news.com/>.

Military Affairs
Richard Delgado Jr., Director of Military Affairs & Army ROTC
Patriots' Casa, Room 202
(210)784-1175

Courses at Texas A&M University-San Antonio are approved for veterans' training and benefits. The Office of Military Affairs, located on the 2nd Floor of the Patriots' Casa, assists veterans with matters relating to their education benefits.

The following programs are approved for students who wish to further their education: Chapter 33 Post 9/11 GI Bill™; Chapter 30 Montgomery G.I. Bill™ Active Duty; Chapter 1606 Montgomery G.I. Bill™ Selected Reserve; Chapter 1607 Reserve Educational Assistance Program (REAP); Chapter 35 Dependents Educational Assistance (DEA); and Chapter 31 Vocational Rehabilitation. General and detailed descriptions of each program are online at <http://www.benefits.va.gov/gibill/>.

Any student who feels he/she may be eligible for education benefits should complete an application at the Office of Military Affairs. The completed application will be electronically submitted to the Veterans Affairs Regional Office

(VARO) in Muskogee, OK through Veterans Online Application (VON-APP) for review. The VARO will make the official decision to grant or deny benefits.

Students are encouraged to apply for GI-Bill™/Hazelwood benefits as early as possible. Students receiving VA benefits will be required to comply with the university's deadlines for registering and paying for their courses.

New students entering the university (who intend to request benefits) must stop by the Office of Military Affairs to complete an application and obtain needed information relative to their enrollment and certification. Students must provide all necessary documents, which include but are not limited to: copy of the DD Form 214 (Member 4 copy), Certificate of Eligibility (less than 12 months old), official copy of military transcript and a copy of the degree plan signed by an academic advisor in order to process the request for their benefits. Incomplete applications will not be accepted or processed and will result in a delay of benefits.

Transfer students must provide the Office of Admissions with copies of transcripts from all colleges attended.

Veterans should have military credit evaluated at the close of the first semester or upon the successful completion of 12 semester hours and furnish the Office of Military Affairs with a copy of their updated degree plan. Also, any transfer credit from prior educational institutions needs to be evaluated before the close of the first semester and a copy of an updated degree plan furnished to the Office of Military Affairs.

All active duty personnel receiving tuition assistance must process their paperwork through the Office for Student Business Services.

Standards of Progress for Veterans

A student receiving full or part-time veterans' education mainly Hazelwood benefits must maintain a cumulative 2.0 grade point average. Students who wish to receive veterans' benefits and who transferred from another institution without the required 2.0 GPA must come to the SVCS office before registering for classes to determine whether or not they are eligible for certification (benefits). The scholastic status of a student receiving veteran's benefits can be changed by attending summer school and meeting the same standards that apply in the long semester.

Veterans Semester Hour Classification

The VARO uses the semester hour classification scale below to determine a veteran's payment. The number of semester hours enrolled at this university will be reported to the VARO.

Full or part-time status for fall/spring semesters is determined by the following:

- 12 credit hours is full-time
- 9-11 credit hours is 3/4 time
- 6-8 credit hours is 1/2 time
- 4-5 credit hours is less than 1/2 time
- 1-3 credit hours is 1/4-time or less (constitutes tuition and fees only)

Full or part-time status for summer terms is determined by the following:

- 4 credit hours is full-time
- 3 credit hours is 3/4-time
- 2 credit hours is 1/2-time
- 1 credit hour is 1/4-time (constitutes tuition and fees only)

Hazelwood Waiver

In order to qualify for tuition and partial fee exemption through the Texas Education Code 54.203 (known as the Hazelwood Act), a person must meet all program requirements. Contact the Office of Military Affairs or visit the Texas Veterans Commission website at <http://www.tvc.texas.gov/Hazelwood-Act.aspx>.

Title IX
Title IX Coordinator
Jacquelyn L. Jimenez
(210) 784-1179
Jacquelyn.Jimenez@tamusa.edu

Deputy Title IX Coordinator for Students
Jo Anna Benavides-Franke
(210) 784-1371
JoAnna.Franke@tamusa.edu

Title IX of the Education Amendments of 1972 is a federal civil rights law that prohibits discrimination on the basis of sex in any educational programs and activities at institutions that receive federal financial assistance. Title IX applies to issues of program equity, sexual harassment, sexual violence, sexual assault, and pregnancy and parental status.

Texas A&M University-San Antonio is committed to providing an education and workplace that is free from discrimination and harassment based on sex. Any member of the campus community or public who witness, are subjected to, or are informed about incidents of sex discrimination, including sexual harassment, and/or related retaliation involving faculty, staff, or students should contact the University's Title IX Coordinator or a Deputy Title IX Coordinator.

Texas A&M University-San Antonio will promptly and thoroughly investigate all complaints of sex discrimination and/or related retaliation in accordance with applicable federal and state laws, Texas A&M System Policy 08.01, Texas A&M System Regulation 08.01.01, and University rules and/or procedures.

For more information about Title IX, confidentiality and/or reporting options, please contact the University's Title IX Coordinator or Deputy Coordinator for Students. You may also visit www.tamusa.edu/titleix or view the Student Handbook. Additional campus resources include:

- Student Counseling & Wellness Services: (210)784-1331
- A&M-SA Police Department: (210)784-1900
- The Rape Crisis Center 24/7 Hotline: (210)349-7273

Office of University Compliance
Central Academic Building, Suite 435
(210)784-2006

Texas A&M University-San Antonio is committed to promoting the highest standards of ethics and compliance in all areas of operation. University Compliance provides education, training, and resources to the University community to facilitate compliance with the many laws, policies, regulations, and rules that apply to institutions of higher education in the State of Texas. Areas of responsibility for the compliance department include, but are not limited to, maintenance of university-wide rules and procedures, development of the annual compliance plan, and facilitating compliance-related training.

To promote integrity-rich behavior, ethical conduct beyond reproach and a commitment to compliance, the Texas A&M University System established the [Risk, Fraud, & Misconduct Hotline](#), a telephone and web-based reporting system. Reports can be submitted anonymously, and will be forwarded to the appropriate institution or agency for action.

If you have factual information suggestive of fraudulent, wasteful or abusive activities involving any A&M System member, employee, student, or other affiliate, we want you to report it. Examples of reportable issues include fraud, theft, misuse of A&M System resources or information, violations of safety rules or environmental laws, conflicts of interest, and discrimination.

Reports can be filed online at <https://secure.ethicspoint.com/domain/media/en/gui/25201/index.html>, or by phone at 1-888-501-3850. The hotline is independently operated and available 24 hours a day, 7 days a week.

University Police Department
Ronald Davidson, Chief of Police
Main Campus Building, Room 120B
(210)784-1900

The University Police Department is committed to providing proactive, progressive, and professional law enforcement services to the students, staff, faculty and guests of the University 24 hours a day, 7 days a week. The University Police Department also is charged with protecting University property, preserving the peace and maintaining civil order on campus while enforcing all federal, state and local laws as well as university rules and regulations. The University Police Department also provides law enforcement and security services for all buildings on the main and satellite campuses. Call the University Police Department to report crimes or request assistance. In case of emergency on campus call 911 from any campus phone or call (210)784-1911 from any outside phone. Non-emergency calls and calls for assistance should be directed to extension 1900 or (210)784-1900.

Types of assistance provided include:

- Air for flat tires
- Escorting persons to cars at any time when safety is a concern within campus boundaries
- Unlocking vehicles when keys are locked inside
- Patrol by's when working/studying late
- Afterhours access to buildings
- Managing campus Lost and Found
- Providing "boosts" for dead vehicle batteries
- Publishing crime statistics
- Providing a Daily Crime Log
- Issuing Timely Warnings and Emergency Notifications
- Provide [RAD](#) (Rape Aggression Defense System) training
- Provide CRASE (Civilian Response to Active Shooter Events)
- Provide Safety Begins with You to faculty, staff and students.
- Domestic violence, dating violence, sexual assault, and stalking awareness and prevention
- Bystander Intervention
- Investigate crimes and forward cleared cases to Bexar County District Attorney's Office for prosecution.
- Conduct threat assessments
- Respond to unusual situations such as natural and man-made disasters
- Liaison with and coordinate law enforcement response with local, state, and federal agencies
- Crime prevention presentations, tables, events and security surveys

The University Police Department is the agency responsible for law enforcement, security, and emergency response on the campus. A system of card-reader-controlled doors, emergency telephones and intercoms, exterior lighting, a closed-circuit television monitoring system, late-entry doors for access to campus buildings, and police patrols are all part of the campus security program. Security awareness and crime prevention programs are provided to inform students and staff of security measures and devices in place, as well as services available through the University Police Department. This information is being provided as part of Texas A&M University –San Antonio's commitment to security and personal safety on its campuses. This document serves as the University Police statement required for compliance with The Student Right-To-Know Act and Crime Awareness and Campus Security Act of 1990. A copy of the latest Annual Security Report can be found at <http://www.tamusa.edu/uploadFile/folders/fcestrad/Pdf/Pdf-635834334159812616-10.100.150.124.pdf>.

Personal Safety and Crime Prevention

- Don't dismiss suspicious people or situations.
- If a person is acting suspiciously in the area, call the University Police.
- Don't be in harm's way; avoid dangerous situations.
- Be aware of your surroundings.
- Jogging or bicycling should be done during daylight hours, if at all possible.

- Do not wear headsets when walking or bicycling; they prevent the wearers from hearing their surroundings.
- Always jog facing traffic; this allows easy viewing of persons or vehicles as they approach.
- Avoid out-of-the-way places.
- Check the interior of a vehicle before entering.
- Lock all doors (office, lab, and car).
- Keep valuables out of sight (in the office, lab, and car).
- Report all crimes and suspicious acts to the police.
- Use common sense – don't become a victim: be a good witness.
- ***Prevention is the best protection against crime!***

Law Enforcement Authority and Interagency Relationships

The Texas A&M University – San Antonio police officers are licensed, as are all other police officers of this state, by the Texas Commission on Law Enforcement Officers Standards and Education upon meeting the required minimum standards and completing the basic police officers training course consisting of at least 728 hours of required basic training. Additional proficiency training is provided each officer annually. Officers patrol the campuses on foot, on bicycle, and by vehicle 24 hours a day, 7 days a week, enforcing University rules and regulations and State laws. The University Police Department maintains a close working relationship with the San Antonio Police Department, Bexar County Sheriff's Office, state and federal law enforcement agencies, and all appropriate elements of the criminal justice system. Regular meetings are held both on a formal and an informal basis. Crime-related reports and statistics are routinely exchanged.

False Alarms or Reports

Pursuant to HB 1284 this serves as notice to all enrolled students of Texas Penal Code Sec. 42.06 – False Alarm or Report which states:

- a) *A person commits an offense if he knowingly initiates, communicates or circulates a report of a present, past, or future bombing, fire, offense, or other emergency that he knows is false or baseless and that would ordinarily:*
 - 1) *cause action by an official or volunteer agency organized to deal with emergencies;*
 - 2) *place a person in fear of imminent serious bodily injury; or*
 - 3) *prevent or interrupt the occupation of a building, room, place of assembly, place to which the public has access, or aircraft, automobile, or other mode of conveyance.*

- b) *An offense under this section is a Class A misdemeanor unless the false report is of an emergency involving a public or private institution of higher education or involving a public primary or secondary school, public communications, public transportation, public water, gas, or power supply or other public service, in which event the offense is a state jail felony.*

JagE Alert

Campus safety is a high priority at Texas A&M University-San Antonio (A&M-SA) as we ensure the safety of all our students, faculty and staff. **JagE Alert** is the A&M-SA comprehensive Emergency Notification System. Through this single site, students and employees can update their emergency contact information, see delivery statistics of previous emergency messages and access additional A&M-SA emergency management resources. The JagE Alert address is http: <http://www.tamusa.edu/upd/emergencynotifications/index.html> and directions for signing up are located at http://www.tamusa.edu/_redesign-files/images/jage-alert.pdf.

UNIVERSITY LIBRARY

Stefanie Wittenbach, *University Librarian*

Central Academic Building, Room 202

(210)784-1500

<http://www.tamusa.tamus.edu/library/index.html>

Staff:

Emily Bliss-Zaks, Arts and Sciences Librarian

Deidre McDonald, Education Librarian

Tammy Woodward, Business Librarian

Pru Morris, Digital Resources Manager

Sarah Timm, Public Services Manager

Teresa de la Torre, Library Specialist IV

Bryant Moore, Evening and Weekend Reference Librarian

Rebeka Delgado, Library Specialist II

The Texas A&M University-San Antonio University Library's mission is:

The University Library at Texas A&M University-San Antonio is an integral part of the University's mission to prepare and empower students through a solid foundation for success as the primary learning support service for students on campus. The library is actively engaged in the teaching, research, and public service activities of A&M-SA. The University Library provides research assistance and instruction, curriculum support, access to a wide variety of information resources, and facilities that foster independent study and collaborative engagement.

Research assistance and instruction

The University Library's professional librarians and staff provide one-on-one research assistance all hours that the library is open, in-person, via e-mail, and via chat. In addition, librarians provide instruction in a variety of topics, including how to do research and how to format a research paper. Working with faculty, the librarians also provide course-specific instruction to aid students in successfully completing course assignments involving research. Online tutorials and subject-specific online guides to resources are also available on the library's website and through Blackboard in the STAR course (Student Technology and Academic Resources). All students are automatically enrolled in this course.

Information resources

The University Library provides a wide variety of information resources for students, faculty, and staff. Online resources, such as databases, electronic journals, e-books, and other information sources are available on campus and most are also available for off-campus use by university affiliated individuals. The library is e-preferred, meaning that librarians select materials in an electronic format whenever possible in order to provide access from any computer any time. The onsite print and media collection consists of materials that directly relate to A&M-SA academic programs, course reserves, and K-12 curriculum support materials. Books, journal articles, and other items may be requested from area libraries using a TexShare card, or requested online through ILLiad, the interlibrary loan/document delivery service. For more information on the TexShare card, ask at the information desk.

Library facilities

The University Library offers open access to computers, print and media collections, and study space for all students, faculty, staff, and the general public. Hours are posted on the University Library's website. The library has study rooms available for use by students on a first-come, first-serve basis that are equipped with display panels for laptop connection and white boards. Some rooms may be reserved more than twenty-four hours in advance. One of the study rooms is a family study room for use by students with children. There is also a makerspace room where students can use tools and supplies to create posters and other creative projects for their classes. The library also offers laminating services for students, staff and faculty. The library circulates headphones, laptop computers, and video cameras to students.

ACADEMIC REGULATIONS FOR UNDERGRADUATE STUDENTS

Texas Success Initiative (TSI)

The Texas Success Initiative requires students to be assessed in reading, writing and mathematical skills before enrolling in a Texas public college or university. Texas Education Code, section 51.3062, provides institutions of higher education a means of determining students' readiness to enroll in freshman-level course work. Students are required to complete one of four assessment tests before enrolling in course work at Texas A&M University-San Antonio unless they meet one of the TSI exemptions explained under "Admission to the University" (TEXAS SUCCESS INITIATIVE).

Academic Advising

Texas A&M University-San Antonio places very strong emphasis on developing a one-on-one individual academic relationship between each student and an academic advisor. This relationship is essential when a student participates in the registration process.

A student who remains unsure of a major would profit by discussing this with an academic advisor, the University counseling center or the Career Services Center to receive career counseling and testing or other appropriate referral. Selected vocational aptitude tests and tests designed to help a student select a major are available.

Degree Plan

A student's course of study is drawn up in consultation with the appropriate academic advisor. Final degree plans must be approved by the dean of the college in which the major is taken. All undergraduate degrees must conform to "General Requirements for Graduation" as set forth in the next section of the catalog.

Course Listings

The term "course" means a definite unit of work in a subject. Courses are offered on a semester basis. University course offerings are listed in this catalog by division and by department or program within that college according to the following method:

Letter Code: A four letter code at the beginning identifies the department or program that offers the course. A list of these letter codes is provided just before the course descriptions in this Catalog.

Number Code: The four digit code distinguishes each course in that department or program and identifies the level at which it is offered. The first and second digits in the course number hold specific meanings. The first digit indicates the course level (1000 freshman; 2000 sophomore; 3000 junior; 4000 senior; 5000 graduate) and the second digit indicates semester credit hours for the course. Courses with second and third digits of 1 and 5 are 1.5 semester credit hour courses. Courses numbered at the 1000 and 2000 level are lower division courses that are normally introductory in nature. Upper division courses numbered 3000 and 4000 are advanced undergraduate courses that normally require junior or senior standing and/or the completion of a preceding course or courses. Courses numbered 5000 are open only to students with graduate standing. (Some courses in the 4000 series also carry graduate credit; these are listed in the graduate catalog.)

Title: The identification code is followed by the course title. The identification code and a shortened form of the course title are used to list courses in the *Class Schedule* bulletin published each semester for registration purposes and on a student's permanent transcript.

Credit Hours: The final information given on a course listing's entry line indicates the semester credit hours of the course. When the letter *V* appears, the course is offered for variable credit, to be determined at the time of registration. The two digits in parentheses following the semester credit hours are the number of hours of lecture and the number of hour of laboratory required each week respectively. When a course includes a recitation, three digits appear in parentheses following the semester credit hours indicating the number of hours of lecture, the number of hours of laboratory and the number hours of recitation required each week respectively.

Course Description and Special Conditions: Below the entry line is a brief description of the course, a notice of any special restrictions for registration in the course and an indication, if any, of a laboratory fee.

Registration

The university has a computer-assisted registration system. This system allows a student who registers early priority in course selection and class schedule. It is designed to provide individual academic advising between advisor and student. This gives students an opportunity to review their academic programs and select the specific sections of the courses desired for the next semester. Online registration is available for eligible students only. Specific registration dates, instructions and information are provided on the university website.

Normal Load

The normal load for a semester is usually one-eighth of the total number of credit hours required for the degree toward which the student is working. That load is normally 15-18 hours per fall and spring semesters. The normal load for a summer session is two courses (6-7 semester hours).

A regular undergraduate student, defined as one carrying a minimum of 12 semester hours, is expected to register each semester for a normal load of work. A student registered for fewer than 12 semester hours is considered a part-time student.

Students with a *B* average (3.0) for the last semester or term of registration may register for a *maximum* of 8 semester hours of academic work during one summer term *only*.

A student may register for more than the normal load (an "overload") only on the approval of the respective college dean. If a student is concurrently enrolled at other institutions of higher education in the same semester, the total course load at all institutions is to be considered in applying these policies. It is the responsibility of the student to inform his/her college dean of any concurrent enrollments. The maximum load for a student registered for any work for graduate credit is 15 hours a semester.

Prerequisites

No student shall be allowed any credits for a course before credit in its prerequisite is obtained, except on the written approval of the college dean offering the course and the college dean in which the student is majoring.

All students must have successfully completed ENGL 1301 and ENGL 1302 during their first 75 semester hours of credit. No additional 3000- or 4000-level courses may be taken or transferred in until this requirement is met.

Schedule Changes

Adding a Course

A course may be added by a student using the online registration system without approval of university officials, as long as departmental approval is not required. (See regulation for "Normal Load.") It is highly recommended that a student consult with his/her academic advisor before attempting to add a course. After the online registration system is closed, written permission is required from the academic advisor and professor of the course being added to add the course. These requests must be processed by the Office of the Registrar. The student may only add classes during the time specified in the official academic calendar.

Dropping a Course

A course may be dropped by a student without approval from his/her academic advisor or other university official. Students who have been readmitted on academic/scholastic probation must also consult with their advisors prior to dropping or withdrawing. It is highly recommended that a student consult his/her academic advisor because of the impact on financial aid, graduation, veteran benefits, etc. After the online registration system is closed, all drops must be processed by the Office of the Registrar. A student who, by dropping a course, becomes registered for less than a normal load will be reclassified as a part-time student.

Senate Bill 1231 and the University's Drop Policy for Undergraduate Students

In accordance with Texas Education Code 51.907 (Senate Bill 1231), passed during the 80th Texas Legislative Session, "an institution of higher education may not permit a student to drop more than six courses, including any

course a transfer student has dropped at another institution of higher education.” Undergraduate students who completed a high school or equivalent program and enrolled in an institution of higher education prior to the Fall Semester of 2007 are exempt from the requirements of Senate Bill 1231. Undergraduate students who complete a high school program, or the equivalent, and enter a Texas public institution of higher education for the first time on or after the Fall Semester of 2007 are subject to the requirements of Senate Bill 1231.

Drop Policy for Graduate and Undergraduate Students Exempt from Senate Bill 1231

A student exempt from Senate Bill 1231 may drop a course with an automatic grade of W if the drop is processed on or before the 10th week of the semester or the mid-point of the summer session as indicated on the official university calendar, regardless of the student’s academic performance in the course at the time of the drop. The grade of W is a non-punitive grade that will not affect the student’s grade point average.

A student may also drop a course with a grade of W after the 10th week of the semester or the mid-point of the summer session if the student is passing at the time the drop is processed. A student who is not passing after the 10th week of the semester or the mid-point of the summer session, and drops a course may receive a grade of F.

Drop Policy for Undergraduate Students Subject to Senate Bill 1231

Beginning with the 2007-2008 Academic Year, in accordance with Texas Education Code 51.907 (Senate Bill 1231), undergraduate students subject to Senate Bill 1231 will be permitted only six (6) non-punitive drops during their undergraduate studies. Non-punitive grades included in the maximum number of drops will be identified on the transcript with a grade of WS. Once a student has accumulated 6 (six) WS grades, the student will not be permitted to drop a course. Drops processed while withdrawing from the university will not be included in the maximum number of non-punitive drops.

A student may also drop a course with a grade of WS after the 10th week of the semester or the mid-point of the summer session if the student is passing at the time the drop is processed. A student who is not passing after the 10th week of the semester or the mid-point of the summer session, and drops a course may receive a grade of F.

Drops Policy for Course with Concurrent or Co-Requisite Enrollment Requirements for Undergraduate Students Subject to Senate Bill 1231

In determining the number of non-punitive course drops by a student subject to Senate Bill 1231 when concurrent or co-requisite courses are involved, the following regulations will apply. (Concurrent and co-requisite courses are courses with different course numbers such as a lecture course with its own course number and a lab course with a different course number that must be taken at the same time.)

1. If the student is required to drop both courses when dropping either course, then both course drops will be calculated as one drop.
2. If the student is not required to drop both courses at the same time, then each course will be treated as a separate drop. However, if the student drops both courses at the same time, the drops will be calculated as one drop.
3. Each drop will be subject to the maximum number of non-punitive drops allowable under Senate Bill 1231.

Exceptions to the Maximum Number of Non-Punitive Drops for Undergraduates Subject to Senate Bill 1231

A non-exempt student may drop a course with a non-punitive grade that is not included in the maximum number of non-punitive drops if extenuating circumstances are involved. In such cases, a grade of WX will be posted as the student’s official grade for the course. A grade of WX may only be awarded if one or more of the following circumstances are involved and the drop is approved by the appropriate college dean.

1. The student has a severe illness or other debilitating condition that affects the student’s ability to satisfactorily complete the course.
2. The student is responsible for the care of a sick, injured or needy person that affects the student’s ability to satisfactorily complete the course.
3. The student has suffered the death of a person who is considered to be a member of the student’s family or person who is otherwise considered to have a sufficiently close relationship to the student* that the person’s death is considered to be a showing of good cause for dropping the course.
4. The student is a member or dependent of a member of the Texas National Guard or the armed forces of the

United States and the active military service is considered to be a showing of good cause for dropping the course.

5. The student has a change of work schedule that is beyond the control of the student and the change affects the student's ability to complete the course.
6. The student has other extenuating circumstances that prevent the completion of the course and the circumstances are approved by the college dean.

*A "member of the student's family" is defined to be the student's father, mother, brother, sister, grandmother, grandfather, aunt, uncle, nephew, niece, first cousin, step-parent, or step-sibling; a "person who is otherwise considered to have a sufficiently close relationship to the student" is defined to include any other relative within the third degree of consanguinity, plus close friends, including but not limited to roommates, house mates, classmates, or other persons identified by the student for approval by the institution, on a case-by-case basis.

Appeals to the Maximum Number of Non-Punitive Drops for Undergraduates Subject to Senate Bill 1231

A student who wishes to request an exemption to the maximum number of non-punitive drops must submit a letter of appeal with appropriate documentation to the Registrar within five (5) business days of the drop. If the student cannot provide the supporting documentation within five business days of the drop, the student must request an extension with the college dean within five business days of the drop.

Administrative Drops for Non-Attendance

A faculty member may drop an undergraduate student for non-attendance at any time prior to the mid-point of a long semester. A drop processed by a faculty member for non-attendance will be treated as a non-punitive grade unless the undergraduate student is subject to the requirements of Senate Bill 1231. The Office of the Registrar will treat all drops processed by a faculty member in accordance with the requirements of Senate Bill 1231 and may change a grade of W to a grade of WS or an F, depending on the student's status.

If a student drops the only course for which enrolled, the student must follow the process for withdrawing from the university as stated below.

Withdrawal from the University

If a student finds it necessary to withdraw from the university, the student must notify the Office of the Registrar and process a withdrawal form. (See also regulations entitled "Refund of Fees.")

Withdrawal of Students Ordered to Military Active Duty

If a current student is called to active duty, and the duty will exceed 25% of the total number of class meetings or contact hour equivalents, the student has several options for courses in which he/she is enrolled. The student must provide a copy of military orders to receive one of the following: 1) full refund of tuition and fees paid by the student for the semester in which the student withdraws; 2) with instructor approval, incomplete grade(s) for the semester in which the student withdraws; or 3) with instructor approval, assignment of an appropriate final grade(s) or credit(s). Upon the student's request, pre-registered classes will be dropped. If the student returns prior to the beginning of a semester he/she will be reinstated into this institution.

If a current student, including one enrolled in distance education, self-paced, correspondence, and other asynchronous courses, is called to active military service for a period of time not to exceed 25% of the total number of class meetings or contact hour equivalents, and chooses not to withdraw from the university, the student shall be excused from attending classes or engaging in other required activities, including examinations, during that period of time. The student shall be allowed to complete (an) assignment(s) or take (an) examination(s) within a reasonable time after the absence. The student's course work previously completed will be retained and the student will be able to complete the course without prejudice and under the same course requirements that were in effect when the student enrolled in the course. If the course requirements are not completed by the end of the semester in which the student is called to active military service, the grade of "I" will be awarded. Normal academic regulations relating to grades of "I" will apply, as well as normal grade dispute resolution processes, in the event of such disputes.

Re-Admissions to Texas A&M University-San Antonio

Students who have remained out of the University for two or more semesters (excluding summer terms) must apply for readmission by completing the readmission form and returning it to the Office of the Registrar by the established

application deadline. Military personnel who withdraw from the University or who have had their academic career interrupted because of Department of Defense (DOD) obligations, regardless of the length of absence, and who at the time of withdrawal or interruption were in good academic standing are exempt from the requirement to reapply for admission upon presentation of proof that the absence was caused by said DOD obligations. Students who have attended other colleges in the interim are considered transfer students and must submit official transcripts of all colleges attended and must complete an application in the Office of the Admissions. Former A&M San Antonio students are not required to pay an application-processing fee when they apply.

Excess Undergraduate Credit Hours (45-Hour Rule vs. 30-Hour Rule)

Effective with students initially enrolled in the fall 1999 semester and subsequent terms, resident undergraduate students who have attempted more than 45 hours (including dual credit hours) beyond the minimum number of hours required for completion of the degree plan in which they are enrolled will be assessed \$100 per credit hour for repeated and/or excessive hours.

Effective with students initially enrolling in the fall 2006 semester and subsequent terms, resident undergraduate students who have attempted more than 30 hours (including dual credit hours) beyond the minimum number of hours required for completion of the degree plan in which they are enrolled will be assessed \$100 per credit hour for repeated and/or excessive hours.

For the purpose of excess hours, “resident undergraduate student” includes a nonresident student who is permitted to pay resident tuition.

Concurrent Enrollment

Credits earned by a student at another institution while also enrolled at Texas A&M University-San Antonio will be transferred to Texas A&M University-San Antonio only if the student has received prior written approval from the college dean. Prior approval will be granted consistent with the university's normal load regulations.

Visiting a Course

Any person may request permission of the Provost and Vice President for Academic Affairs to visit a course. Individual instruction courses are not open to visitors. Visitors do not have the privilege of submitting papers, taking part in class discussions or participating in laboratory or field work. Visitors pay fees according to the published credit hour fee schedule, except that no additional fee will be required of a full-time student. A visitor's name will not be entered on the class rolls or permanent records. The notice of approval of a request to visit a course, properly receipted after fees are paid, will serve as a permit to attend a class.

Course Attendance by Senior Citizens

A senior citizen (age 65 or older) may visit courses offered by this university without payment of a fee if space is available. Laboratory courses or individual instruction courses cannot be opened to visitors. Visitors do not have the privilege of submitting papers, taking part in class discussions or participating in laboratories or field work. The names of visitors will not be entered on the class rolls or permanent records. The visiting of courses by senior citizens will be subject to restrictions as may be determined by the chief administrative officer or designated representative on campus.

Class Policies

A student has the right to expect competent, well-organized instruction for the full number of clock hours allotted for a course; to sufficient written assignments, graded fairly and with reasonable promptness to show the student's academic standing in the course at least before mid-semester; to have ample opportunity to confer with the instructor at published office hours and to review graded written work; to freedom from ridicule, discrimination, harassment or accusations in the presence of other students or faculty members; and to an avenue for appealing to higher academic authority in case of alleged unfairness by an instructor.

Academic Dishonesty

Students are expected to do their own course work. Simple cases of first offense cheating or plagiarism by an individual student may be handled by the instructor after consultation with the department chair. The student is usually confronted with the evidence in private and advised of the penalty to be assessed. The evidence will be

retained for at least one full year.

For more serious cases, such as those involving repeated offenses, conspiracy with other students or the theft and selling of examination questions, a report should be made by the instructor via the department chair and college dean to the Office of Student Rights and Responsibilities.

Academic dishonesty is a violation of the Student Code of Conduct; therefore, the instructor may report any form of academic dishonesty to the Office of Student Rights and Responsibilities. Please review the Student Handbook for a complete description of the process. The Student Handbook is available through the Student Rights and Responsibilities webpage: <http://www.tamusa.tamus.edu/studentengagementsuccess/StudentRightsAndResponsibilities/index.html>.

Penalties for academic dishonesty may range from a grade of F on the particular paper or in the course to expulsion from the University.

Class Attendance

A vital part of every student's education is regular attendance of class meetings. Every faculty member is to keep a current attendance record on all students. Any absences tend to lower the quality of a student's work in a course, and frequent or persistent absences may preclude a passing grade or cause a student to be dropped from one or more courses upon the request of a faculty member to the Provost and Vice President for Academic Affairs.

Absences for Religious Holidays

The university will allow students who are absent from classes for the observance of a religious holy day to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence if, not later than the fifteenth day after the first day of the semester, that student has notified the instructor of each class to be missed. The instructor may appropriately respond if a student fails to complete the assignment or examination within a reasonable time after the absence.

Research on Human Subjects

Research that involves human subjects must be approved by the Institutional Review Board for the Protection of Human Subjects.

Grades

Grades, with numerical values corresponding to these letters, are recorded as follows:

- A* Excellent, 90-100.
- B* Good, 80-89.
- C* Average, 70-79.
- D* Passing, 60-69.
- F* Failure, below 60.
- CR/NC* Credit/Non-credit: used for courses that do not meet the normal or traditional framework of course scheduling and do not lend themselves to letter grading.
- I* Incomplete: given to a student who is passing but has not completed a term paper, examination or other required work. The instructor and the student are required to complete the standard university contract form for each course in which the temporary grade of *I* has been assigned. The grade of *I* will be used only to allow a student who has encountered some emergency such as illness or an accident an opportunity to complete the requirements for a course. A grade of *I* reverts to a grade of *F* one year from the close of semester/term in which the grade was originally recorded if the course requirements have not been satisfied.
- IP* In Progress: used for graduate theses and graduate research projects. (Students must register every subsequent semester until the final grade is given.) In-progress (*IP*) grades remain indefinitely on a student's transcript and cannot be changed with a change-of-grade card.
- W* Dropped: given when a student has officially dropped or withdrawn from the university before or on the mid-semester point as indicated on the official university calendar, regardless of student's standing in class. Also given after the mid-semester point to a student who is passing at the time the official drop is

- processed. (A student who is not passing receives the grade of *F* under such circumstances.)
- WX* Dropped: given when a student impacted by SB 1231 has officially dropped a course and extenuating circumstances are involved (refer to "Exceptions to the Maximum Number of Non-Punitive Drops for Undergraduates Subject to Senate Bill 1231." Also applies to students impacted by SB 1231 who officially withdraw from the university.
- F* Dropped: given when a student impacted by SB 1231 has officially dropped a course after the mid-semester point who is not passing or has accumulated six (6) QI grades regardless of the student's academic standing in the class.
- WS* Dropped: given when a student impacted by SB 1231 has officially dropped a course before or on the mid-semester point as indicated on the official university calendar, regardless of student's standing in class. Students are allowed a total of six (6) drops during their entire undergraduate studies. Also given after the mid-semester point to a student who is passing at the time the official drop is processed. (A student who is not passing receives the grade of *QF* under such circumstances.)
- NG* No grade posted by instructor: used to indicate that no grade was posted by the instructor teaching the course.

Removing the Grade of *I*

For the undergraduate student, the grade of *I* must be removed within the time specified by the instructor, not exceeding 12 months from the date the *I* was recorded. When the student completes the work in the course, the instructor submits a change of grade card through the chair of the department and the college dean to the Registrar. The grade of *I* may be changed only to *A*, *B*, *C*, *D* or *F*. Should the conditions specified above not be met, the *I* will become an *F*. Extensions of time, when merited, may be granted by the Provost and Vice President for Academic Affairs after consultation with the college dean. *I* grades must be completed prior to graduation. *I* grades not completed by the end of the semester in which the student is scheduled to graduate will turn into *F*'s and will be calculated into the cumulative grade point average. Students should not enroll in the course for the subsequent term unless the deadline for the *I* grade completion has passed and the student received a grade of *F*.

Change of Grade

After being reported to the Registrar, grades other than *I* may not be changed unless an error has been made by the instructor.

Students should review their end of semester final grades closely to ensure their accuracy. If an error or discrepancy should occur, the student should contact the appropriate professor and/or the Office of the Registrar immediately to be resolved. It is recommended that those changes occur no later than the beginning of the next semester. Grade changes requested after one calendar year are subject to approval by the Dean of the College.

Repetition of a Course

If a student repeats a course that may not be taken for additional credit, it is the policy of the university to count as part of a student's cumulative grade point average the highest grade received in the course. However, for purposes of grade point average calculation on course work for graduation, grades stand as recorded unless the same course is repeated at this university.

Students who have received their first bachelor's degree from this institution cannot repeat courses that were used to earn the first degree for purposes of grade point average calculation.

It is the responsibility of the student, after repeating a course, to file a special request form in the Office of the Registrar, so that the adjustment in the grade point average, when applicable, can be entered on the permanent record.

Repeated Grade Notation

Repeated course(s) and grade(s) are not removed from the official or unofficial transcript. The repeated grade and grade points will be removed from the cumulative grade point average only. The repeated course will be identified with the letter "E" next to the quality points on the transcript. Repeating a course after graduation will not change your graduation grade point average.

Academic Standing

Classification of Students

- Freshmen: 0-29 semester hours of credit.
- Sophomore: 30-59 semester hours of credit.
- Junior: 60-89 semester hours of credit.
- Senior: at least 90 semester hours of credit or higher

Grade Point Average

The grade point average accumulated on the permanent record of a student at Texas A&M University-San Antonio will be based on course and grade points earned by a student on work taken at this university. Transfer courses will be accepted as credit only. Such credit may be used for fulfilling degree requirements and graduation requirements. (For information on specific academic division admission, certification and graduation requirements, refer to the appropriate section of this catalog.)

A student's grade average on this university's work is expressed in grade points. Each semester hour of *A* counts four points, *B* three points, *C* two points, *D* one point and *F* zero points. The cumulative, or overall, grade point average (GPA) is computed by dividing the total quality points earned by the total number of quality hours. Transferred and credit-only hours are not computed in the cumulative Texas A&M University-San Antonio grade point average.

Grade Point Summary

All official and unofficial transcripts will have the following abbreviations:

- AHRS (Attempted Hours): A&M-SA and transfer courses (all grades)
- EHRS (Earned Hours): A&M -SA and transfer courses (passed/credit)
- QHRS (Quality Hours): A&M -SA courses only (passed/failed)
- QPTS (Quality Points): A&M -SA courses only
- GPA (Grade Point Average): Equal to QPTS/QHRS

Minimum Grade Requirements

A minimum 2.0 cumulative institutional GPA is required to avoid probation. Students in the Teacher Preparation Program in the College of Education & Human Development must maintain a minimum of 2.75 cumulative institutional GPA. All transfer students must have a cumulative 2.0 GPA to transfer into Texas A&M University-San Antonio.

Academic Warning

If it is the student's first semester at Texas A&M University-San Antonio (transfer or freshman) and at the end of their first term the student earns less than a 2.0 institutional GPA, they will be placed on Academic Warning. In order to get off of academic warning a student must bring their institutional GPA to a 2.0 or higher by the following term. If the student does not bring their GPA to a 2.0 in one semester or term, the student will then be placed on scholastic probation. All academic warning students will be required to meet with an Academic Success Coach, but will not be required to complete JAGS.

Scholastic Probation

Undergraduate students will be placed on scholastic probation any time their overall grade point average at Texas A&M University-San Antonio falls below 2.0. Students placed on scholastic probation for the first time are required to seek academic advising before registering for classes and are required to meet with the Student Academic Success Center in order to register for the following term and participate in the JAGS program. In order to remain on scholastic probation, a student must earn a semester or term GPA of 2.0. As long as the student maintains a semester GPA of a 2.0 and remains beneath a 2.0 institutional GPA, the student will be required to meet with the Student Academic Success Center and participate in the JAGS program.

Academic Dismissal

Students who have been placed on scholastic probation and earn beneath a 2.0 semester or term GPA will be placed on academic dismissal. Because it is the first dismissal, the student will be required to sit out one semester and must apply to the University via an application on the Admissions website by the regular Admissions deadline.

If a student is dismissed from the University a second or subsequent time, the student will be required to sit out a full academic year (fall, spring, and summer) before re-applying to the University. In order to re-apply the student must apply via <https://www.applytexas.org>, pay the Admissions fee, and submit an appeal to the University by the stated Reinstatement Admissions deadline. If the student is readmitted to the University for the 1st or subsequent time, they will be required to meet with the Student Academic Success Center and participate in the JAGS program.

Appeal Process for Dismissal

Any student placed on Dismissal has the right to appeal to change that status. Students must initiate the appeal process with Student Academic Success Center.

1. Students will be counseled by a Student Academic Success Coach. The student will obtain the appeal form, complete it, and submit any supporting documentation to the Success Coach 10 days before the start of the term. This appeal should only be completed in extenuating circumstances. The Dean of the College is within his/her rights to deny the appeal and require the student to sit out the requisite amount of time.
2. The form will be reviewed by the Dean of the College in which the student enrolls and a determination made regarding the outcome. If a student's appeal is approved, the student must then participate in the JAGS program as part of their requirement for reinstatement.
3. If approved, then an Academic Dismissal Reinstatement Notification Letter is sent from the Dean of the College to the Office of the Registrar to allow registration for that term. If the appeal is denied, the student is notified of the decision and the Enforced Withdrawal status remains. Students must reapply to the University if they do not enroll within one calendar year from the initiation of the Enforced Withdrawal.

As part of the re-admission appeal process, all students are required to develop, in consultation with a Success Coach from the Student Academic Success Center, a student success plan. As part of the student success plan, students will be required to complete specified assessments as well as participate in the JAGS Program. Students are required to complete the JAGS program as long as they remain on scholastic probation. For more information visit the JAGS website:

<http://www.tamusa.tamus.edu/studentengagementsuccess/JaguarAcademicGuideforSuccess/index.html>.

Jaguar Academic Guide for Success (JAGS)

JAGS is a student success program that houses a comprehensive academic success plan including academic workshops, online modules, and one-on-one meetings to track student progress. The purpose of JAGS is to enhance student learning, create opportunities for students to establish a record of academic successes and provide individualized success plans created in collaboration with the student, their academic advisor and an Academic Success Coach. Each plan emphasizes the strengths of each learner and identifies areas needing improvement.

Student Records

Transcripts

Official transcripts of the student's academic record may be requested from the Office of the Registrar at no cost. The quickest and most efficient method of requesting a transcript is via the online student services portal, however the student can also fill out a transcript request form and return it to the Office of the Registrar. All transcript requests must be signed by the student; failure to sign the request will delay processing. Transcript requests may be faxed but must have all required information and signature.

A student must provide identification at the Office of the Registrar when picking up a copy of a transcript in person. The Family Educational Rights and Privacy Act of 1974, and amendments thereto, states that parents, spouse, legal guardian or others are not authorized to pick up transcripts of students unless written authorization by the student is provided.

Holds

All students should clear any holds they have on their records immediately. Failure to clear a hold causes delays and inconvenience when trying to obtain copies of transcripts through the mail or in person. Since a hold on the record may affect printing and mailing of grades at the end of the semester, students should be sure they do not have any

holds before final examinations start. Students with a registration hold on their record will not be permitted to register.

Change of Name, Address or Social Security Number

Students who wish to change their name on their transcript must provide legal documentation of the change to the Office of the Registrar. Not advising the Office of the Registrar of a legal name change may cause transcript requests and registration problems. Students who change their address should likewise notify the Office of the Registrar, Financial Aid or Business Office.

Death of a Student

The death of a currently enrolled student should be reported to the Vice President of Student Affairs. After confirming the death, the Vice President of Student Affairs notifies the appropriate student success departments, faculty and college dean. The Office of the Registrar will be notified to close all student records, and codes the student information system to block mailings to the deceased.

Family Educational Rights and Privacy Act of 1974 and Amendments Thereto

This act is designated to protect the privacy of education records, to establish the right of students to inspect and review their education records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students have the right to file complaints with the Family Educational Rights and Privacy Act Office (FERPA) concerning alleged failures by the institution to comply with the act.

Texas A&M University-San Antonio accords all rights under the law to all students. No one outside the institution shall have access to nor will the institution disclose any information, other than directory information, from a student's education records without the written consent of the student, except to personnel within the institution, to officials of other institutions in which the student seeks to enroll, to persons or organizations providing student financial aid, to accrediting agencies carrying out their accreditation function, to persons in compliance with judicial order, and to persons in an emergency in order to protect the health or safety of students or other persons. All these exceptions are permitted under the Act.

In compliance with the Family Educational Rights and Privacy Act of 1974, information classified as "Directory Information" may be released to the general public without the consent of the student. The following is designated as directory information:

Student's name, local address, permanent address, local telephone number, permanent phone number, dates of attendance, program of study (college, major, and campus), classification, previous educational agencies/institutions attended, participation in officially recognized activities, and degrees, honors and awards received.

Students reserve the right to suppress any information from being released without their consent. Any student wishing to withhold any or all of this information should notify the Office of the Registrar. The University assumes that failure on the part of any student to specifically request the withholding of directory information indicates individual approval for disclosure.

GENERAL REQUIREMENTS FOR GRADUATION WITH A BACCALAUREATE DEGREE

The university has established General Education requirements for all baccalaureate degrees. A general education results in the acquisition of a common body of essential knowledge and skills that together facilitate the development of students as individuals and as members of communities. Students are also advised to consult the online catalog for any additions to the course offerings. Some courses are listed in two areas; a student may count such a course in either area, but not both.

That common body of essential knowledge and skills shall include the following component areas and must equal 42 semester credit hours.

Courses which satisfy the various components of the core curriculum are listed below. Students are strongly advised to consult their individual degree plans and academic advisers for any specific requirements for their majors within the General Education curriculum.

Communication (010)

Required: 6 semester credit hours

- ENGL 1301, ENGL 1302, ENGL 2311

Core Objectives: Critical Thinking Skills, Communication Skills, Teamwork and Personal Responsibility

Mathematics (020)

Required: 3 semester credit hours

- MATH 1314, MATH 1324, MATH 1332, MATH 1342, MATH 2312, or MATH 2313

Core Objectives: Critical Thinking Skills, Communication Skills and Empirical and Quantitative Skills

Life and Physical Sciences (030)

Required: 6 semester credit hours

- BIOL 1306, BIOL 1307, BIOL 1308, BIOL 1309
- CHEM 1311, CHEM 1312
- GEOG 1301
- GEOL 1301, GEOL 1302
- PHYS 1301, PHYS 1302, PHYS 2325, PHYS 2326

Core Objectives: Critical Thinking Skills, Communication Skills, Empirical and Quantitative Skills and Teamwork

Language, Philosophy and Culture (040)

Required: 3 semester credit hours

- ENGL 2331
- PHIL 1301
- SPAN 2320

Core Objectives: Critical Thinking Skills, Communication Skills, Personal Responsibility and Social Responsibility

Creative Arts (050)

Required: 3 semester credit hours

- ARTS 1303
- ENGL 2345, ENGL 2388
- MUSI 1306

Core Objectives: Critical Thinking Skills, Communication Skills, Teamwork and Social Responsibility

American History (060) (legislatively mandated)

Required: 6 semester credit hours

- HIST 1301 and HIST 1302

Core Objectives: Critical Thinking Skills, Communication Skills, Personal Responsibility and Social Responsibility

Government/Political Science (070) (legislatively mandated)

Required: 6 semester credit hours

- GOVT 2305 and GOVT 2306

Core Objectives: Critical Thinking Skills, Communication Skills, Personal Responsibility and Social Responsibility

Social and Behavioral Sciences (080)

Required: 3 semester credit hours

- ECON 2301, ECON 2302
- GOVT 2304
- PSYC 2301
- SOCI 1301, SOCI 1306

Core Objectives: Critical Thinking Skills, Communication Skills, Empirical and Quantitative Skills and Social Responsibility

Component Option (090)

Required: 6 semester credit hours total

Note: courses already used to satisfy other component area requirements cannot also be used in the component area option.

- ARTS 1301
- BIOL 1306, BIOL 1307, BIOL 1308, BIOL 1309
- CHEM 1111, CHEM 1112, CHEM 1311, CHEM 1312
- ECON 2301, ECON 2302
- EDKN 1301
- ENGL 1301, ENGL 1302, ENGL 2311, ENGL 2331, ENGL 2345, ENGL 2355, ENGL 2388
- GEOG 1301, GEOG 1303
- GEOL 1101, GEOL 1102, GEOL 1301, GEOL 1302
- GOVT 2304
- HIST 2321, HIST 2322
- MATH 1314, MATH 1316, MATH 1324, MATH 1325, MATH 1332, MATH 1342, MATH 1350, MATH 1351, MATH 2312, MATH 2313, MATH 2314
- MUSI 1306
- PHIL 1301
- PHYS 1101, PHYS 1102, PHYS 1301, PHYS 1302, PHYS 2125, PHYS 2126, PHYS 2325, PHYS 2326
- PSYC 2301
- SOCI 1301, SOCI 1306
- SPAN 2320
- SPCH 1315, SPCH 1318

Core Objectives: Critical Thinking, Communication Skills and one of the remaining Core Objectives

OTHER DEGREE REQUIREMENTS

Major and Minor

A major, when specified as a degree requirement, shall consist of a minimum of 24 semester hours in one subject, 6 of which must be taken at this university. In English, the required freshman courses may not count as part of this amount.

A minor shall consist of a minimum of 18 semester hours in a subject closely related to the major. In English, the required freshman courses may not count as part of this amount.

At least 50% of the work offered in the major field must be advanced, and at least 6 semester hours of advanced work must be offered in the minor field.

Advanced Work

Candidates for all bachelor's degrees must have a minimum of 36 semester hours of advanced course work. Requirements for the B.A.A.S. degree can be found in the *Bachelor of Applied Arts and Sciences* section of this catalog.

Grade Average

An overall average of *C* (2.0) or above on all work attempted at Texas A&M University-San Antonio must be maintained. The grade average in the major and minor field where required must be *C* or above. For purposes of grade point average calculation on Texas A&M University-San Antonio course work for graduation, grades stand as recorded unless the same course is repeated at this university.

Academic Residence Requirement

Candidates for all bachelor's degrees must have a minimum of 25 percent of total semester hours required for the degree completed in residence at this university.

RESTRICTIONS

Number of Physical Activity Courses

No more than four semesters of kinesiology activity courses may be counted toward a degree, except for the kinesiology majors and minors.

Maximum Number of Hours in Religion

No more than 12 semester hours in religion may be counted toward any degree.

Correspondence Work

No credit earned by correspondence on a course previously failed in residence may be counted toward a degree at this university.

Graduation Under a Particular Catalog

A student has the privilege of being graduated according to the curricular requirements as stated in the catalog of the year in which the student first registered for work in residence at the university, or the student may be graduated under any later catalog of a year in which the student was registered for residence work provided that requirements are met within five years of the date of the catalog chosen and provided further that the institution offers courses listed as requirements in previous catalogs. A student who transfers from a public community college in Texas may choose to graduate under the University catalog in effect at the time the student first earned credit at the community college (maximum of two years earlier) or a later catalog in effect when the student earned credit at either the community college or the University. Certification or licensure requirements are subject to change. Students enrolled in programs leading to certification or licensure must meet all current requirements, regardless of the catalog chosen.

Graduation and Completion of Transfer Credit

Official transcripts for all transfer credit must be received by the first day of class in which the student expects to graduate. The first day of class for each semester is listed in the Academic Calendar. Failure to submit official

transcripts in a timely fashion during the student's final semester may result in the student's degree being awarded in a subsequent semester. All students are encouraged to do a final graduation audit with an academic advisor in the department of their major at least one year prior to graduation to ensure that all transfer credit has been received, and if appropriate, applied to their degree plan.

Application for Graduation

A student who plans to receive a degree from Texas A&M University-San Antonio must apply for graduation. The Academic Calendar at the front of this catalog and the online Academic Calendar should be consulted for specific deadline dates. The degree will not be conferred unless the candidate has completed the application process on or before the designated deadline

Use of Official Name on Diploma

A student applying for graduation must use his or her official name as listed on the permanent record in the Office of the Registrar. No nicknames or any other informal name will be allowed. All printed information, including diplomas, will list a student's official name. A student requesting a name other than his or her official name on the diploma must change the name on the permanent record.

Graduation in Absentia

Graduation in absentia will be permitted only under special conditions stated in writing and approved by the Provost and Vice President for Academic Affairs.

A Second Bachelor's Degree

Two degrees of the same type (B.B.A., B.A., B.S., etc.) will not be awarded concurrently from the same college (at the same graduation). A single degree with a double major will be awarded.

The applicant for a second bachelor's degree must complete all residence requirements, the specific course requirements of the second degree, and meet the required grade point average.

A student pursuing a second degree must complete all university, college and department/curricular requirements for the second degree not covered in the first.

Courses may be used to satisfy the requirements for both degrees. However, the total semester credit hours required must be at least 30 semester hours in addition to the greater number of hours required for either degree. At least 12 semester hours of 3000- and 4000-level coursework must be completed in each field of study.

COMMENCEMENT AND COMMENCEMENT HONORS (For undergraduate degrees only)

Commencement is the ceremony in which candidates for the award of degree are recognized. Actual degrees are not awarded at the commencement ceremony. A final degree audit must be completed before a degree is officially awarded. A degree audit will not be completed unless the candidate applies for graduation in the term in which they plan to graduate.

Students participating in a commencement ceremony may be recognized with commencement honors. Commencement honors are determined by using the institutional GPA at the end of the semester immediately preceding the semester in which the student is a candidate.

Honors eligibility for cum laude, magna cum laude, and summa cum laude are used as indicated in the section below titled "Graduation with University Honors."

Prior to the May and December Commencement ceremonies students will be notified if they are eligible to participate with honors at the commencement ceremonies.

Participation with honors at commencement does not imply that the student will be awarded University Honors.

Students must achieve an honors eligible GPA once final grades are posted for the semester in which the student is a candidate.

GRADUATION WITH UNIVERSITY HONORS

(For undergraduate degrees only)

A grade point average of 3.8 is the minimum for graduation Summa Cum Laude (with highest honors); a grade point average of 3.6 or higher but less than 3.8 will merit Magna Cum Laude (with high honors); an average of 3.4 or higher but less than 3.6 will merit graduation Cum Laude (with honors). Grade point averages are not rounded up to achieve these figures.

UNDERGRADUATE DEGREES AND MAJORS OFFERED

Degree

Major

Bachelor of Applied Arts and Sciences

Bachelor of Arts

Bachelor of Business Administration

Bachelor of Science

Biology, Communications, English, History, Mathematics, Political Science, Spanish, Sociology

Accounting, Computer Information Systems, Finance, General Business Administration, International Business Management, Management, Marketing

Biology, Computer Science, Community Health, Criminology and Criminal Justice, Interdisciplinary Studies, Kinesiology, Mathematics, Psychology

COLLEGE OF ARTS & SCIENCES

Undergraduate Programs

Mirley Balasubramanya, *Dean of the College of Arts and Sciences and Department Chair of Science and Mathematics*

William S. Bush, *Department Chair of Humanities and Social Sciences*

Central Academic Building, Room 348

(210)784-2231

The College of Arts and Sciences is committed to the development of our students' academic and professional skills, preparation for post-baccalaureate education, and continued critical thinking after graduation. The curriculum builds on the foundational knowledge required for all academic degree programs at the University, emphasizing communication skills, analytical reasoning, and independent thought.

The College's faculty excels in teaching, scholarship, and service. The faculty and the curriculum engage student learning in a culturally diverse environment, serving the needs of traditional and non-traditional students. In pursuit of our mission, the College challenges our students to apply their intellectual curiosity and skills in order to improve their communities.

Teaching Certification

Students seeking a certificate to teach in the secondary schools of Texas must earn a bachelor's degree in a recognized major. The State Board for Educator Certification approved new teaching fields and grade levels for certification beginning in 1999. Majors in the College of Arts & Sciences that may lead to secondary certification include: Biology, English, History, History (Social Studies emphasis), and Mathematics.

Specific degree requirements are mentioned in the degree plans published in this catalog. For additional information, refer to the College of Education & Human Development section in this catalog regarding the Standard Certificate. For additional guidance contact an academic advisor.

Requirements for the Degree

All students obtaining a bachelor's degree must satisfy the "General Requirements for Graduation" as set forth in an earlier section of this catalog. Requirements include but are not limited to residence requirements, correspondence course limitations and grade point average rules. Each program sets the minimum number of hours required for its major and for graduation. Individual degree program requirements are provided in the sections that follow.

A minimum grade point average of 2.0 is required on (1) all course work specified for the degree, (2) all course work attempted at this university, (3) all courses in the major and the minor taken at this university and (4) all courses transferred for the minor when no courses in the minor field are taken at this university. Higher minimum grade point average than 2.0 may be required on all coursework for some degree programs.

Foreign Language

All Bachelor of Arts degree programs must include a minimum of 6 semester credit hours (6 SCH) of one foreign language at the 1000-level. Neither conversational language courses nor continuing education courses may be substituted for this requirement. Some degree programs may require an additional 6 SCH. Except for the Spanish B.A. program, the maximum overall foreign language requirement will not exceed 12 SCH.

Students who wish to demonstrate foreign language proficiency without taking college courses may do so through the existing credit by examination process. In cases where students wish to demonstrate proficiency in a language not included in the examination process, or not taught at A&M-SA, the following procedures shall apply. The student shall request an examination from the Dean of the College of Arts and Sciences. This college will coordinate the administration of special examinations to demonstrate foreign language proficiency. This will include finding an appropriate examination to test the student's proficiency, informing the student how to arrange to take the examination and certifying the results to the student's advisor. All arrangements shall be made and fees paid by the student.

American Sign Language (ASL) may be used to fulfill the foreign language degree requirement unless otherwise specified by the student's college or department. Students may either transfer ASL credits or arrange to be tested at another institution. A&M-SA does not offer courses in ASL.

Major

A major shall consist of a minimum of 24 semester hours in one subject, at least 6 of which must be taken at this university. At least 50% of the work completed in the major field must consist of upper-level courses. Double majors must complete the specific requirements for both degree programs. The total semester credit hours required for a double major must be at least 30 semester hours in addition to the greater number of hours required for either degree. At least 12 semester hours of 3000- and 4000-level coursework must be completed in each field of study.

Minors

Minor options available to students within the College of Arts and Sciences are Biology, Business Administration, Communication, Computer Information Systems, Computer Science, Criminology and Criminal Justice, English, History, Kinesiology, Math, Political Science, Psychology, Sociology, Southwest Borderlands Studies, Special Education, and Women's and Gender Studies. Consult with your academic advisor to determine the optimum number of lower-division and upper-division courses within the chosen minor.

In addition, any set of courses which meets the minimum requirements indicated above for all minors, may be accepted as a minor, subject to approval by the academic college dean and by the chair of the student's major department. An interdisciplinary or other specialized minor which meets the minimum requirements indicated above, may be recognized in individual cases, subject to approval by the student's major department, the academic college dean, and any department in which at least 9 hours of the proposed minor will be taken.

Biology: To earn a minor in Biology, students are advised to take General Biology I and II (1306 and 1307) to fulfill their core requirements in the physical and life sciences in order to stay within 120 credit hours for their degree plans. A minor in biology thus consists of 6 credits in the core (General Biology I and II), and an additional 16-18 credit hours in BIOL. See below for specific courses and course-requirements for a Biology Minor

- BIOL 1306: General Biology I – fulfills the core requirement for physical and life sciences
- BIOL 1307: General Biology II - fulfills the core requirement for physical and life sciences
- BIOL 1106: General Biology I Laboratory
- BIOL 1107: General Biology II Laboratory
- BIOL 2411: Genetics
- An additional 10-12 credits in Biology, 10 of which must be advanced.

Business Administration: The following courses are required: ACCT 2301(Principles of Financial Accounting), MGMT 3311 (Principles of Management), MKTG 3361 (Principles of Marketing) and 9 additional hours of your choice to be chosen from 3000 or 4000 level College of Business Administration courses for which the prerequisites have been met or instructor approval has been granted. An additional 9 hours of courses must be chosen from:

- BCOM 3304: Business Communications
- BUAD 3311: Business and Society
- BLAW 3341: Business Law
- CISA 3358: Management Information Systems
- MGMT 3325: Human Resource Management
- MKTG 3370: Internet as a Marketing Tool

Communication: The following lower division courses are required:

- COMM 1307: Introduction to Mass Communications
- COMM 2300: Media Literacy
- COMM 2327: Introduction to Advertising **OR** COMM 2330: Introduction to Public Relations

An additional 9 hours of courses must be chosen from:

- COMJ 3321: Principles of Advertising
- COMJ 4301: History of Journalism
- COMJ 4322: Public Relations
- COMM 3350: Theories of Communication
- COMM 3351: Media Effects
- COMM 4315: Media Ethics
- COMM 4317: Mass Media, the Public, and the Law

Computer Information Systems (Available only to non-business majors): The following courses are required: CISA 1305 (Business Computer Applications), CSCI 1336 (Programming Fundamentals I), CISA 3356 (Database Design and SQL), CISA 3358 (Management Information Systems), and four approved advanced CISA courses.

Computer Science (Available only to non-business majors): Consists of 24 hours, including the following required courses:

- CSCI 1336: Programming Fundamentals I
- CSCI 1337: Programming Fundamentals II
- CSCI 2322: Data Structures
- CSCI 3304: Database Systems
- CSCI 3306: Computer Networks
- CSCI 4316: Software Engineering
- CSCI 3321: Computer Security

An additional 3 hours of courses must be chosen from:

- CSCI 3343: Analysis of Algorithms
- CSCI 2325: Computer Organization and Machine Language
- CSCI 4359: Advanced Topics in Computer Science

Criminology and Criminal Justice: To earn a minor in criminology and criminal justice, a student must complete CRIM 1301, CRIM 2301, CRIM 3350, CRIM 3385, and six additional hours of upper division CRIM courses.

English: The minimum number shall be 18 semester hours (beyond ENGL 1301-ENGL 1302), 12 of which must be advanced.

History: The minimum requirement shall be 15 semester hours, consisting of HIST 2321 and 2322 (World Civilization I and II), HIST 4301 (Methods of Historical Research) and 6 hours of advanced electives.

Kinesiology: Students may select from one of the following concentrations based on their specific interest.

Kinesiology: EC-12 Physical Education (18 credit hours). The EC-12 Physical Education minor is for students interested in teaching physical education (PE):

- EDKN 1301: Foundations of Kinesiology
- EDKN 4310: Teaching Elementary Physical Education
- EDKN 4311: Teaching Secondary Physical Education
- EDKN 4342: Motor Skills and Special Populations
- EDKN 4320: Motor Development/Motor Learning
- EDFR 3110 and EDFR 3120: Field Based Experience taken in two separate semesters. Must be field-based in Kinesiology and no other subject area.
- 1 hour of either an individual, dual or team sport
- Any substitutions must be approved by the Kinesiology Coordinator.

Kinesiology: Coaching Concentration (18 credit hours). The Coaching concentration minor is for students interested in coaching sports:

- EDKN 1301: Foundations of Kinesiology
- EDKN 1308: Intramurals & Officiating
- EDKN 1306: First Aid
- EDKN 1305: Coaching
- EDKN 3332: Program Development/Management Fitness Industries
- EDKN 3350: Kinesiology & Sports in Society
- Any substitutions must be approved by the Kinesiology Coordinator.

Exercise Science & Pre-Physical Therapy (20-21 hours). The Exercise Science and Pre-PT minor is for students interested in a non-public school teaching profession, continuing their education in Exercise Science, or applying to a PT program to further their education:

Required (14 hours):

- EDKN 3426: Basic Physiology of Exercise. Note: EDKN 3315 is a prerequisite.
- EDKN 3315: Functional Anatomy. Note: BIOL 1306 is a prerequisite.
- EDKN 4325: Biomechanics. Note: EDKN 3315 is a prerequisite.
- EDKN 4401: Exercise Testing & Prescription. Note: EDKN 3426 is a prerequisite.

Plus one of the following courses (3 hours):

- EDKN 1301: Foundations of Kinesiology
- EDKN 1338: Concepts of Fitness & Wellness

Plus one of the following advanced courses (3-4 hours):

- EDKN 4324: Exercise & Chronic Diseases
- EDKN 4417: Advanced Physiology of Exercise
- EDKN 4320: Motor Development/Motor Learning

Mathematics: The minimum requirement to earn a minor in Mathematics is 18 hours to include MATH 2313 and MATH 2113 (Calculus I), MATH 2314 and MATH 2114, and 12 additional hours of upper division math electives excluding MATH 3350, MATH 3301 (Formerly MATH 4301) and MATH 3360.

Political Science: The minimum requirement is 18 hours to include POLS 3301 (Introduction to Political Science), POLS 3302 (Political Research and Analysis), POLS 3310 (American Political Institutions), POLS 3341 (International Relations), POLS 3351 (Comparative Politics), and either POLS 3321 (Political Theory: Ancient and Medieval) or POLS 3322 (Political Theory: Early Modern and Modern).

Psychology: The minor consists of a total of 18 hours, including PSYC 2301 (Introduction to Psychology) and at least 12 hours of advanced Psychology courses.

Sociology: The minor consists of SOCI 1301 (Principles of Sociology), SOCI 1306 (Social Problems) and 12 hours of advanced Sociology courses.

Southwest Borderlands Studies: This minor consists of SWBS/SOCI 4365 (Introduction to Southwest Borderlands Studies) and 15 additional semester hours of courses from the following list:

- SWBS/CRIM 3357: Border Security Issues
- SWBS/ENGL 4385: Studies in Multi-ethnic Literatures
- SWBS/HIST 4344: American Frontier
- SWBS/HIST 2301: Texas History
- SWBS/HIST 4348: History of the Mexican-American in the Southwest
- SWBS/HIST 4356: Mexico
- SWBS/HIST 4380: Crucial Topics in United States History
- SWBS/HIST 4392: Crucial Topics in Latin American History
- SWBS/POLS 3341: International Relations
- SWBS/POLS 4355: The Government and Politics of Mexico
- SWBS/POLS 4370: Special Studies in Political Science
- SWBS/SOCI 4342: Social and Natural Systems of the US-Mexico Border

No more than 9 semester hours in any one discipline may apply toward the Southwest Borderlands Studies minor. Students may not count the same course toward both a major in Sociology, History, Political Science or English and the minor in Southwest Borderlands Studies.

Special Education (Available only to non-Education majors). The following courses are required:

- EDSE 3345: Survey of Exceptional Children
- EDSE 3346: Development of Exceptional Individuals
- EDSE 3347: Behavior Management for Exceptional Student
- EDSE 3348: Education Proc. For Exceptional Students
- EDSE 4340: Collaboration and Transition Services in Inclusive Settings
- EDSE 4347: Federal & State Regulations

Women's and Gender Studies: Students seeking an understanding of women's and gender issues and influence may pursue a minor in Women's and Gender Studies. This minor requires 18 semester hours of advanced course electives in Women's and Gender Studies. No more than 9 hours in any one discipline may apply toward the Women's and Gender Studies minor.

**Bachelor of Science in Biology
With Teacher Certification
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)		42 SCH	
	Grd	SCH	
(010) COMMUNICATION			
ENGL 1301 Composition I		3	
ENGL 2311 Technical Writing		3	
(020) MATHEMATICS			
MATH 2312 Pre-Calculus I		3	
(030) LIFE and PHYSICAL SCIENCES			
BIOL 1306 General Biology I		3	
BIOL 1307 General Biology II		3	
(040) LANGUAGE, PHILOSOPHY AND CULTURE			
Lang/Phil/Culture		3	
(050) CREATIVE ARTS			
Creative Arts		3	
(060) AMERICAN HISTORY			
HIST 1301 American History to 1865		3	
HIST 1302 American History since 1865		3	
(070) GOVERNMENT/POLITICAL SCIENCE			
GOVT 2305 Federal Government		3	
GOVT 2306 Texas Government		3	
(080) SOCIAL & BEHAVIORAL SCIENCES			
Social & Behavioral Sciences		3	
(090) COMPONENT AREA OPTION			
CHEM 1311 Chemistry I		3	
CHEM 1312 Chemistry II		3	
REQUIRED SUPPORT COURSES		29 SCH	
	Grd	SCH	
UNIV 1101 Jaguar Tracks 1		1	
UNIV 2101 Jaguar Tracks 2		1	
UNIV 3101 Jaguar Tracks 3		1	
UNIV 4101 Jaguar Tracks 4		1	
MATH 1342 Introductory Statistics		4	
CHEM 1111 General Chemistry I lab		1	
CHEM 1112 General Chemistry II lab		1	
CHEM 2122/2322 Organic Chemistry I w/lab		1/3	
CHEM 2123/2323 Organic Chemistry II w/lab		1/3	
PHYS 1101/1301 General Physics I w/lab		1/3	
PHYS 1102/1302 General Physics II w/lab		1/3	
SPCH 1315 Fundamentals of Public Speaking		3	

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

MAJOR (REQUIRED) COURSES		28-30 SCH	
2.75 overall GPA for major		Grd	SCH
BIOL 1106 General Biology I lab			1
BIOL 1107 General Biology II lab			1
BIOL 2411 Genetics			4
BIOL 3402 Evolution			4
BIOL 3407 Ecology			4
BIOL 3408 or 3409, (Animal Phys or Cellular Phys)			4
BIOL advanced elective with Lab			4
BIOL advanced electives			6-8
TEACHER CERTIFICATION REQUIRED COURSES		26 SCH	
		Grd	SCH
EDED 3303 Knowl of Pedagogy and Assmt			3
EDSE 3345 Survey of Exceptional Children			3
EDED 4311 Tch & Pedag for Mid & Sec Tch			3
EDED 3358 Classroom Mgmt			3
EDED 4309 Legal and Ethical Issues			3
EDED 4356 Science Methods-Middle/Sec			3
EDFR 3110 Field Residency I			1
EDFR 3120 Field Residency II			1
EDFR 4623 Secondary School Student Teaching			6
ELECTIVES			
As needed to complete 120 credit hours		Grd	SCH

Completion of this degree plan requires admission to the Educator Preparation and Certification program.

Completion of 45 hours; ENGL 1301, ENGL 1302, MATH 1314, HIST 1301, HIST 1302, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics; and an official degree plan on file.

Students who do not meet teacher preparation and certification requirements may be required to switch to a non-certification degree program.

**125 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Science in Biology
Concentration in Cell & Molecular Biology
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)		42 SCH	
	Grd	SCH	
(010) COMMUNICATION			
ENGL 1301 Composition I			3
ENGL 2311 Technical Writing			3
(020) MATHEMATICS			
MATH 2313 Calculus I			3
(030) LIFE and PHYSICAL SCIENCES			
BIOL 1306 General Biology I			3
BIOL 1307 General Biology II			3
(040) LANGUAGE, PHILOSOPHY AND CULTURE			
Lang/Phil/Culture			3
(050) CREATIVE ARTS			
Creative Arts			3
(060) AMERICAN HISTORY			
HIST 1301 American History to 1865			3
HIST 1302 American History since 1865			3
(070) GOVERNMENT/POLITICAL SCIENCE			
GOVT 2305 Federal Government			3
GOVT 2306 Texas Government			3
(080) SOCIAL & BEHAVIORAL SCIENCES			
Social & Behavioral Sciences			3
(090) COMPONENT AREA OPTION			
CHEM 1311 Chemistry I			3
CHEM 1312 Chemistry II			3
REQUIRED SUPPORT COURSES		26 SCH	
	Grd	SCH	
UNIV 1101 Jaguar Tracks 1			1
UNIV 2101 Jaguar Tracks 2			1
UNIV 3101 Jaguar Tracks 3			1
UNIV 4101 Jaguar Tracks 4			1
MATH 2113 Calculus I Lab			1
MATH 3301 or 4303 (Biostatistics or Statistical Methods)			3
CHEM 1111 General Chemistry I lab			1
CHEM 1112 General Chemistry II lab			1
CHEM 2122/2322 Organic Chemistry I w/lab			1/3
CHEM 2123/2323 Organic Chemistry II w/lab			1/3
PHYS 1101/1301 General Physics I w/lab			1/3
PHYS 1102/1302 General Physics II w/lab			1/3

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

MAJOR (REQUIRED) COURSES		33-35 SCH	
2.0 overall GPA for major			
	Grd	SCH	
BIOL 1106 General Biology I lab			1
BIOL 1107 General Biology II lab			1
BIOL 2411 Genetics			4
BIOL 3402 Evolution			4
BIOL 2421 Microbiology			4
BIOL 3407 Ecology			4
BIOL 3409 Cellular Physiology			4
BIOL 4102 Cell & Molecular Biology			1
BIOL advanced elective with lab: <u>MUST</u> be fulfilled by a concentration advanced elective from list below.			4
BIOL advanced electives: can be fulfilled by any advanced BIOL elective			6-8
CONCENTRATION REQUIRED COURSES			
	Grd	SCH	
BIOL 2431 Cell Biology			4
BIOL 4401 Molecular Biology			4
2 of the following advanced electives			6-8
BIOL 4402 Developmental Biology			
BIOL 4406 Bacteriology			
BIOL 4407 Virology			
BIOL 4408 Immunology			
CHEM 4341 Biochemistry I			
CHEM 4342 Biochemistry II			
ELECTIVES			
As needed to complete 120 credit hours	Grd	SCH	

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Science in Biology
With a Concentration in Zoology
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 2311 Technical Writing		3
(020) MATHEMATICS		
MATH 2313 Calculus I		3
(030) LIFE and PHYSICAL SCIENCES		
BIOL 1306 General Biology I		3
BIOL 1307 General Biology II		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL & BEHAVIORAL SCIENCES		
Social & Behavioral Sciences		3
(090) COMPONENT AREA OPTION		
CHEM 1311 Chemistry I		3
CHEM 1312 Chemistry II		3
REQUIRED SUPPORT COURSES		
		26 SCH
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
MATH 2113 Calculus I Lab		1
MATH 3301 or 4303 (Biostatistics or Statistical Methods)		3
CHEM 1111 General Chemistry I lab		1
CHEM 1112 General Chemistry II lab		1
CHEM 2122/2322 Organic Chemistry I w/lab		1/3
CHEM 2123/2323 Organic Chemistry II w/lab		1/3
PHYS 1101/1301 General Physics I w/lab		1/3
PHYS 1102/1302 General Physics II w/lab		1/3

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

MAJOR (REQUIRED) COURSES	33-35 SCH	
2.0 overall GPA for major	Grd	SCH
BIOL 1106 General Biology I lab		1
BIOL 1107 General Biology II lab		1
BIOL 2411 Genetics		4
BIOL 3402 Evolution		4
BIOL 2421 Microbiology		4
BIOL 3407 Ecology		4
BIOL 3408 Animal Physiology		4
BIOL 4103 Seminar - Zoology		1
BIOL advanced elective with lab: <u>MUST</u> be fulfilled by a concentration advanced elective from list below.		4
BIOL advanced electives: can be fulfilled by any advanced BIOL elective		6-8
CONCENTRATION REQUIRED COURSES		
	Grd	SCH
BIOL 3401 Invertebrate Zoology		4
BIOL 3405 Vertebrate Zoology		4
2 of the following advanced electives		7-8
BIOL 3375 Applied Entomology		
BIOL 3406 Animal Behavior		
BIOL 4409 Biology of Disease Vectors		
BIOL 4425 Ornithology		
BIOL 4427 Herpetology		
BIOL 4429 Mammalogy		
BIOL 4430 Parasitology		
BIOL 4431 Ichthyology		
BIOL 4432 Primatology		
ELECTIVES		
As needed to complete 120 credit hours	Grd	SCH

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Science in Biology
With a Concentration in Ecology
2016-2017 Degree Plan**

CORE CURRICULUM	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 2311 Technical Writing		3
(020) MATHEMATICS		
MATH 2313 Calculus I		3
(030) LIFE and PHYSICAL SCIENCES		
BIOL 1306 General Biology I		3
BIOL 1307 General Biology II		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL & BEHAVIORAL SCIENCES		
Social & Behavioral Sciences		3
(090) COMPONENT AREA OPTION		
CHEM 1311 Chemistry I		3
CHEM 1312 Chemistry II		3
REQUIRED SUPPORT COURSES	SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
MATH 2113 Calculus I Lab		1
MATH 3301 or 4303 (Biostatistics or Statistical Methods)		3
CHEM 1111 General Chemistry I lab		1
CHEM 1112 General Chemistry II lab		1
CHEM 2122/2322 Organic Chemistry I w/lab		1/3
CHEM 2123/2323 Organic Chemistry II w/lab		1/3
PHYS 1101/1301 General Physics I w/lab		1/3
PHYS 1102/1302 General Physics II w/lab		1/3

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

MAJOR (REQUIRED) COURSES	33-35 SCH	
2.0 overall GPA for major	Grd	SCH
BIOL 1106 General Biology I lab		1
BIOL 1107 General Biology II lab		1
BIOL 2411 Genetics		4
BIOL 3402 Evolution		4
BIOL 2421 Microbiology		4
BIOL 3407 Ecology		4
BIOL 3408 or 4411 (Animal Phys or App of Plant Phys & Growth)		4
BIOL 4104 Seminar Ecology		1
BIOL advanced elective with lab		4
BIOL advanced electives		6-8
CONCENTRATION REQUIRED COURSES	18-19 SCH	
	Grd	SCH
BIOL 2406 Introduction to Plant Biology		4
BIOL 4307 Conservation & Restoration Ecology		3
BIOL 4424 Field Biology		4
2 of the following advanced electives		7-8
BIOL 3375 Applied Entomology		
BIOL 3403 Plant Taxonomy		
BIOL 3406 Animal Behavior		
BIOL 4409 Biology of Disease Vectors		
BIOL 4423 Wildlife Management		
BIOL 4425 Ornithology		
BIOL 4427 Herpetology		
BIOL 4429 Mammalogy		
BIOL 4430 Parasitology		
BIOL 4431 Ichthyology		
BIOL 4432 Primatology		
ELECTIVES		
As needed to complete 120 credit hours	Grd	SCH

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Arts in Communication
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH		MAJOR (REQUIRED) COURSES	37 SCH	
	Grd	SCH	2.0 overall GPA for major	Grd	SCH
(010) COMMUNICATION					
ENGL 1301 Composition I		3	COMM 1307 Intro to Mass Communication		3
ENGL 1302 Composition II or ENGL 2311 Technical Writing		3	COMM 2300 Media Literacy		3
(020) MATHEMATICS			COMM 2305 News Editing		3
Mathematics		3	COMM 2311 Media Writing		3
(030) LIFE and PHYSICAL SCIENCES			COMM 3301 Reporting		3
Life & Physical Science		3	COMJ 3328 Photojournalism I		3
Life & Physical Science		3	COMM ELECTIVE w/ Lab Choose COMM 3308, RTVF 3303, or RTVF 3315		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE			COMM 4194 Portfolio and Prof Dev		1
Lang/Phil/Culture		3	COMM 4317 Mass Media, Public & the Law		3
(050) CREATIVE ARTS			COMJ 4322 Public Relations		3
Creative Arts		3	COMM 4392/COMM 4393 Internship/Senior Communication Seminar		3
(060) AMERICAN HISTORY			COMM/COMJ ADV. ELECTIVES		3
HIST 1301 American History to 1865		3	COMM/COMJ ADV. ELECTIVES		3
HIST 1302 American History since 1865		3	MINOR		
(070) GOVERNMENT/POLITICAL SCIENCE			2.0 overall GPA		
GOVT 2305 Federal Government		3	--A minimum of 6 Advanced credit hours required. Actual number of hours depends on the minor selected		
GOVT 2306 Texas Government		3		Grd	SCH
(080) SOCIAL & BEHAVIORAL SCIENCES					
PSYC 2301 Intro to Psych or SOCI 1301 Principles of Sociology		3			
(090) COMPONENT AREA OPTION					
SPCH 1315 Fundamentals of Public Speaking		3			
Component Area Option Course from Approved List		3			
REQUIRED SUPPORT COURSES					
	Grd	SCH			
Foreign Language must be in same language		3	ELECTIVES		
Foreign Language must be in same language		3	As needed to complete 120 credit hours		
UNIV 1101 Jaguar Tracks 1		1		Grd	SCH
UNIV 2101 Jaguar Tracks 2		1			
UNIV 3101 Jaguar Tracks 3		1			
UNIV 4101 Jaguar Tracks 4		1			

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Science in Criminology and Criminal Justice
2016-2017 Degree Plan**

CORE CURRICULUM		42 SCH		MAJOR (REQUIRED) COURSES		42 SCH	
		Grd	SCH	2.0 overall GPA for major		Grd	SCH
(010) COMMUNICATION							
ENGL 1301 Composition I			3	CRIM 1301 Intro to Criminal Justice			3
ENGL 1302 Composition II			3	CRIM 2301 Theories of Crime Causation			3
(020) MATHEMATICS				CRIM 3350 Crime and Justice Policy			3
MATH 1314 College Algebra or MATH 1342 Introductory Statistics			3	CRIM 3380 Statistics for Criminology			3
(030) LIFE and PHYSICAL SCIENCES				CRIM 3388 Courts and Criminal Procedure			3
Life & Physical Science			3	CRIM 3385 Criminal Law			3
Life & Physical Science			3	CRIM 4335 Corrections			3
(040) LANGUAGE, PHILOSOPHY AND CULTURE				CRIM 4350 Seminar in Criminology Course should be taken during the semester the student intends to graduate.			3
Lang/Phil/Culture			3	CRIM 4370 Research Methods in Crim			3
(050) CREATIVE ARTS				CRIM ADV Elective			3
Creative Arts			3	CRIM ADV Elective			3
(060) AMERICAN HISTORY				CRIM ADV Elective			3
HIST 1301 American History to 1865			3	CRIM ADV Elective			3
HIST 1302 American History since 1865			3	CRIM ADV Elective			3
(070) GOVERNMENT/POLITICAL SCIENCE				CRIM ADV Elective			3
GOVT 2305 Federal Government			3	CRIM ADV Elective			3
GOVT 2306 Texas Government			3				
(080) SOCIAL & BEHAVIORAL SCIENCES				MINOR			18 SCH
PSYC 2301 Intro to Psych or SOCI 1301 Principles of Sociology			3	2.0 overall GPA			
(090) COMPONENT AREA OPTION				--A minimum of 6 Advanced credit hours required. Actual number of hours depends on the minor selected			
SPCH 1315 Fund of Public Speaking or SPCH 1318 Interpersonal Communication			3			Grd	SCH
Component Area Option Course from Approved List			3				
REQUIRED SUPPORT COURSES		4 SCH					
		Grd	SCH				
UNIV 1101 Jaguar Tracks 1			1				
UNIV 2101 Jaguar Tracks 2			1				
UNIV 3101 Jaguar Tracks 3			1				
UNIV 4101 Jaguar Tracks 4			1				
ELECTIVES				SCH			
--As needed to complete 120 credit hours required						Grd	SCH

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Arts in English
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	GRD	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
Mathematics		3
(030) LIFE and PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 U.S. History to 1865		3
HIST 1302 U.S. History from 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL & BEHAVIORAL SCIENCES		
Social & Behavioral Sciences		3
(090) COMPONENT AREA OPTION		
Component Area Option Course from Approved List		3
Component Area Option Course from Approved List		3
REQUIRED SUPPORT COURSES	16 SCH	
Preferably one language; if not, only 2 languages; conversational language will not count	GRD	SCH
Foreign Language		3
Foreign Language		3
Foreign Language		3
Foreign Language		3
UNIV 1101 Jag Tracks 1		1
UNIV 2101 Jag Tracks 2		1
UNIV 3101 Jag Tracks 3		1
UNIV 4101 Jag Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
25% OF COURSES MUST BE TAKEN AT A&M-SA FOR DEGREE**

MAJOR REQUIRED COURSES	39 SCH	
2.0 overall GPA for major		
33 hours must be advanced	GRD	SCH
ENGL 2370 Intro to English Studies (Year 2 Sem 1)		3
ENGL 2321, 2326, 2331, 2344, 2345, or 2346 (Choose 1) (Year 2 Sem 2)		3
British Literary History I (Choose 1) ENGL 3322, 3325, or 3327 (Year 3 sem 1)		3
American Literary History I (Choose 1) ENGL 3362 or ENGL 3363 (Year 3 sem 1)		3
ENGL 3331 Major Plays of Shakespeare (Year 3 sem 2)		3
British Literary History II (Choose 1) ENGL 3342, 3344, or 3346 (Year 3 Sem 2)		3
Writing, Rhetoric & Language (Choose 1) ENGL 3300, 3301, 3320, 4310, 4312, 4315 or 4330 (Year 3 sem 2)		3
American Literary History II (Choose 1) ENGL 3364, 3366, 4386, or 4388 (Year 4 sem 1)		3
Writing, Rhetoric & Language (Choose 1) ENGL 3300, 3301, 3320, 4310, 4312, 4315 or 4330 Year 4 sem 1 or 2)		3
Topics in Literature and Culture (Choose 1) ENGL 3376, 4370, 4372, 4375, 4385, 4395		3
American Literary History II (Choose 1) ENGL 3364, 3366, 4386, or 4388 (Year 4 sem 2)		3
Topics in Literature and Culture (Choose 1) ENGL 3376, 4370, 4372, 4375, 4385, or 4395		3
ENGL 4398 Senior Seminar (Year 4 sem 2)		3
MINOR (OPTIONAL)**	18 SCH	
2.0 overall GPA		
** If minor is chosen, at least 10 hours must be advanced. Actual number of hours depends on the minor selected.		
	GRD	SCH
ELECTIVES	SCH	
--As needed to complete 120 credit hours for degree and 36 Advanced credit hours		
	GRD	SCH

**Bachelor of Arts in English
With Teacher Certification
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	GRD	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 College Algebra		3
(030) LIFE and PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 U.S. History to 1865		3
HIST 1302 U.S. History from 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL & BEHAVIORAL SCIENCES		
Social & Behavioral Sciences		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fundamentals of Public Speaking		3
Component Area Option Course from Approved List		3
REQUIRED SUPPORT COURSES	10 SCH	
	GRD	SCH
Foreign Language Must be in the same language		3
Foreign Language Must be in the same language		3
UNIV 1101 Jag Tracks 1		1
UNIV 2101 Jag Tracks 2		1
UNIV 3101 Jag Tracks 3		1
UNIV 4101 Jag Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Completion of this degree plan requires admission to the Educator Preparation and Certification program.

Completion of 45 hours; ENGL 1301, ENGL 1302, MATH 1314, HIST 1301, HIST 1302, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics; and an official degree plan on file.

Students who do not meet teacher preparation and certification requirements may be required to switch to a non-certification degree program.

**120 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

MAJOR REQUIRED COURSES	36 SCH	
2.75 overall GPA for major		
30 hours must be advanced	GRD	SCH
ENGL 2370 Intro to English Studies (Year 2 Sem 1)		3
ENGL 2321, 2326, 2331, 2344, 2345, or 2346 (Choose 1) (Year 2 Sem 2) Themes & Genres in Brit Lit, Lit of the Americas, World Lit, Intro to Fiction, Intro to Drama, Intro to Poetry		3
ENGL 3331 Major Plays of Shakespeare (Year 3 Sem 2)		3
ENGL 4392 Teaching Eng (Year 3 Sem 1 or 2)		3
ENGL 4398, 4312, 4315, or 4330 Senior Sem or Writing Crse (Year 4 Sem 1 or 2)		3
British Literary History I (Choose 1) ENGL 3322, 3325, or 3327 (Year 3 Sem 1) Medieval Lit, Early Modern Lit, 18 th Century Lit.		3
British Literary History II (Choose 1) ENGL 3342, 3344, or 3346 (Year 3 Sem 2) Romantic Lit, Vict Lit, 20 th & 21 st Cent Brit Lit		3
American Literary History I (Choose 1) ENGL 3362 or ENGL 3363 (Year 3 Sem 1) Early Amer Lit, American Romanticism		3
American Literary History II (Choose 2) ENGL 3364, 3366, 4386, or 4388 (Year 4 Sem 1 & 2) Am Lit 1865 to Progressive Era, 20 th & 21 st Cent Am Lit, African Amer Lit, Latina/o Lit		3
Writing, Rhetoric & Language (Choose 1) ENGL 3300, 3301, 3320, 4310, 4312, 4315 or 4330 (Year 3 Sem 2, Year 4 Sem 1 or 2) Special Topics, Adv Tech Writ, Writ for Humanities, Linguistics, Adv Comp, Grammar & Style, Topics in Creative Writ		3
Topics in Literature and Culture ENGL 3376, 4370, 4372, 4375, 4385, 4395 Mythology, Special Topics, Major Authors, Women's Lit, Cultural Lit, Adv Visual Studies		3
TEACHER CERTIFICATION REQUIRED	26 SCH	
COURES 2.75 overall GPA	GRD	SCH
EDED 3303 Knowl of Pedagogy & Assessment		3
EDSE 3345 Survey of Exceptional Children		3
EDED 4311 Tch & Pedagogy for Mid & Sec Tch		3
EDED 3358 Classroom Management		3
EDED 4309 Legal & Ethical Issues in Education		3
EDED 3357 English/LA Methods		3
EDFR 3110 Field Lab Residency I		1
EDFR 3120 Field Lab Residency II		1
EDFR 4623 Sec School Student Teaching		6
ELECTIVES	SCH	
--As needed to complete 120 credit hours for degree and 36 Advanced credit hours		
	GRD	SCH

**Bachelor of Arts in History
European Studies Track
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
Mathematics		3
(030) LIFE and PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL & BEHAVIORAL SCIENCES		
Social & Behavioral Sciences		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fundamentals of Pub Speaking		3
HIST 2321 World Civilization I		3
REQUIRED SUPPORT COURSES		
	Grd	SCH
Preferably one language, maximum of 2 languages; conversational language will not count		
Foreign Language		3
Foreign Language		3
Foreign Language		3
Foreign Language		3
HIST 2322 World Civilization II		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

MAJOR (REQUIRED) COURSES	30 SCH	
2.0 overall GPA for major	Grd	SCH
HIST 4336 or HIST 4338 US Adv. Elective		3
HIST 4363 War and Society		3
HIST Latin American Adv. Elective		3
HIST 4312 or HIST 4315		3
HIST 4316 Europe 1815 to 1914		3
HIST 4318 Europe since 1914		3
HIST 4319 The Holocaust		3
HIST 4360 Women and History		3
HIST 4370, 4380, 4392 or 4396 Crucial Topics		3
HIST 4301 Methods of Historical Research		3
Course should be taken during the semester the student intends to graduate.		
MINOR	18 SCH	
2.0 overall GPA		
--A minimum of 10 Advanced credit hours required. Actual number of hours depends on the minor selected		
	Grd	SCH
ELECTIVES	SCH	
--As needed to complete 120 credit hours required		
	Grd	SCH

**Bachelor of Arts in History
With History Teacher Certification
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)		42 SCH	
		Grd	SCH
(010) COMMUNICATION			
ENGL 1301 Composition I			3
ENGL 1302 Composition II			3
(020) MATHEMATICS			
MATH 1314 College Algebra			3
(030) LIFE and PHYSICAL SCIENCES			
Life & Physical Science			3
Life & Physical Science			3
(040) LANGUAGE, PHILOSOPHY AND CULTURE			
Lang/Phil/Culture			3
(050) CREATIVE ARTS			
Creative Arts			3
(060) AMERICAN HISTORY			
HIST 1301 American History to 1865			3
HIST 1302 American History since 1865			3
(070) GOVERNMENT/POLITICAL SCIENCE			
GOVT 2305 Federal Government			3
GOVT 2306 Texas Government			3
(080) SOCIAL & BEHAVIORAL SCIENCES			
Social & Behavioral Sciences (See <i>Required Support Courses</i>)			3
(090) COMPONENT AREA OPTION			
SPCH 1315 Fundamentals of Pub Speaking			3
HIST 2321 World Civilization I			3
REQUIRED SUPPORT COURSES		19 SCH	
Preferably one language, maximum of 2 languages; conversational language will not count		Grd	SCH
Foreign Language			3
Foreign Language			3
Foreign Language			3
Foreign Language			3
HIST 2322 World Civilization II			3
UNIV 1101 Jaguar Tracks 1			1
UNIV 2101 Jaguar Tracks 2			1
UNIV 3101 Jaguar Tracks 3			1
UNIV 4101 Jaguar Tracks 4			1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Completion of this degree plan requires admission to the Educator Preparation and Certification program.

Completion of 45 hours; ENGL 1301, ENGL 1302, MATH 1314, HIST 1301, HIST 1302, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics; and an official degree plan on file.

MAJOR (REQUIRED) COURSES		30 SCH	
2.75 overall GPA for major			
		Grd	SCH
HIST 2301 Texas History			3
HIST 4334 Civil War			3
HIST 4330/4331 (choose 1)			3
HIST 4335/4336/4338 U.S. Adv (choose 1)			3
HIST Latin American Adv. Elective			3
HIST European Adv. Elective			3
HIST Adv. Elective			3
HIST Adv. Elective			3
HIST 4370, 4380, 4392 or 4396 Crucial Topics			3
HIST 4301 Methods of Historical Research			3
CERTIFICATION		26 SCH	
2.75 overall GPA			
		Grd	SCH
EDED 3303 Knowledge of Pedag & Assmt			3
EDSE 3345 Survey of Exceptional Children			3
EDED 4311 Tch & Pedagogy for Mid/Sec Tchr			3
EDED 3358 Classroom Management			3
EDED 4309 Legal & Ethical Issues in Educ			3
EDED 3359 Social Studies Methods			3
EDFR 3110 Field Lab Residency I			1
EDFR 3120 Field Lab Residency II			1
EDFR 4623 Secondary School Student Teaching			6
ELECTIVES		SCH	
--As needed to complete 120 credit hours required			
		Grd	SCH

Students who do not meet teacher preparation and certification requirements may be required to switch to a non-certification degree program.

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

Bachelor of Arts in History
With History Teacher Certification, Social Studies Composite
2016-2017 Degree Plan

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
Mathematics		3
(030) LIFE and PHYSICAL SCIENCES		
GEOG 1301 Physical Geography		3
GEOL 1301 Earth Science I		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL & BEHAVIORAL SCIENCES		
ECON 2301 Macroeconomics		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fundamentals of Pub Speaking		3
HIST 2321 World Civilization I		3
REQUIRED SUPPORT COURSES		
	Grd	SCH
Preferably one language, maximum of 2 languages; conversational language will not count		
Foreign Language		3
Foreign Language		3
Foreign Language		3
Foreign Language		3
HIST 2322 World Civilization II		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)

MAJOR (REQUIRED) COURSES	24 SCH	
2.75 overall GPA for major	Grd	SCH
HIST 2301 Texas History		3
HIST 4334 Civil War		3
HIST 4330/4331		3
HIST 4335/4336/4338 U.S. Adv (choose 1)		3
HIST Latin American Adv. Elective		3
HIST European Adv. Elective		3
HIST 4370, 4380, 4392 or 4396 Crucial Topics		3
HIST 4301 Methods of Historical Research		3
SOCIAL STUDIES COMPOSITE		
	Grd	SCH
GEOG 1303 World Geography		3
GEOG 3331 United States and Canada		3
POLS 3301/3310/3351 (choose 1)		3
POLS 3301/3310/3351 (choose 1)		3
CERTIFICATION		
2.75 overall GPA	26 SCH	
	Grd	SCH
EDED 3303 Knowledge of Pedag & Assmt		3
EDSE 3345 Survey of Exceptional Children		3
EDED 4311 Tch & Pedagogy for Mid/Sec Tchrr		3
EDED 3358 Classroom Management		3
EDED 4309 Legal & Ethical Issues in Educ		3
EDED 3359 Social Studies Methods		3
EDFR 3110 Field Lab Residency I		1
EDFR 3120 Field Lab Residency II		1
EDFR 4623 Secondary School Student Teaching		6
ELECTIVES		
SCH		
--As needed to complete 120 credit hours required		
	Grd	SCH

Completion of this degree plan requires admission to the Educator Preparation and Certification program.

Completion of 45 hours; ENGL 1301, ENGL 1302, MATH 1314, HIST 1301, HIST 1302, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics; and an official degree plan on file.

Students who do not meet teacher preparation and certification requirements may be required to switch to a non-certification degree program.

**Bachelor of Science in Mathematics
With Teacher Certification
2016-2017 Degree Plan**

CORE CURRICULUM	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 2311 Technical Writing		3
(020) MATHEMATICS		
Math 2313 Calculus I		3
(030) LIFE and PHYSICAL SCIENCES		
PHYS 2325 University Physics I		3
PHYS 2326 University Physics II		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL & BEHAVIORAL SCIENCES		
Social & Behavioral Sciences		3
(090) COMPONENT AREA OPTION		
SPCH 1315 or SPCH 1318		3
MATH 2312 or Course from approved list		3
REQUIRED SUPPORT COURSES	SCH	
	Grd	SCH
CSCI 1315 or CSCI 1336 Programming Fundamentals		3
PHYS 2125 University Physics I Lab: to be taken concurrently with PHYS 2325		1
PHYS 2126 University Physics I Lab: to be taken concurrently with PHYS 2326		1
MATH 2113 Calculus I Lab: to be taken concurrently with Math 2313		1
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

Completion of this degree plan requires admission to the Educator Preparation and Certification program.

MAJOR (REQUIRED) COURSES	34-35 SCH	
2.75 overall GPA for major	Grd	SCH
MATH 2314 Calculus II and MATH 2114 Calculus II Lab		4
MATH 3320 Differential Equations		3
MATH 3325 Mathematical Proofs		3
MATH 3340 Linear Algebra OR MATH 4341 Linear Algebra & Matrix Theory		3
MATH 3360 Modern Geometry		3
MATH 3370 Discrete Mathematics		3
MATH 3415 Calculus III OR MATH 4370 Vector Analysis		3-4
MATH 4303 Statistical Methods		3
MATH 4321 Real Variables		3
MATH 4340 Modern Algebra		3
MATH 4350 Probability		3
****CERTIFICATION****	26 SCH	
2.75 overall GPA	Grd	SCH
EDED 3303 Knowledge of Pedag & Assmt		3
EDSE 3345 Survey of Exceptional Children		3
EDED 4311 Tch & Pedagogy for Mid/Sec Tchr		3
EDED 3358 Classroom Management		3
EDED 4309 Legal & Ethical Issues in Educ		3
EDED 4357 Math Methods-Middle & Sec		3
EDFR 3110 Field Lab Residency I		1
EDFR 3120 Field Lab Residency II		1
EDFR 4623 Secondary School Student Teaching		6
ELECTIVES	SCH	
--As needed to complete 120 credit hours required		
Recommended courses for teacher certification	Grd	SCH
EDRG 3389 Tech Reading in Inter and Mid School		
EDRG 4325 Disciplinary and Content Area Lit		

Completion of 45 hours; ENGL 1301, ENGL 2311, MATH 1314, HIST 1301, HIST 1302, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics; and an official degree plan on file.

Students who do not meet teacher preparation and certification requirements may be required to switch to a non-certification degree program.

**Bachelor of Arts in Political Science
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1342 Introductory Statistics		3
(030) LIFE and PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL & BEHAVIORAL SCIENCES		
ECON 2301 Macroeconomics		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fundamentals of Public Speaking		3
GEOG 1303 World Geography		3
REQUIRED SUPPORT COURSES	22 SCH	
Preferably one language, maximum of 2 languages; conversational language will not count	Grd	SCH
Foreign Language		3
Foreign Language		3
Foreign Language		3
Foreign Language		3
ECON 2302 Microeconomics or POLS Adv. elective		3
SOCI 3381 or BUAD 3355		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

MAJOR (REQUIRED) COURSES	27 SCH	
2.0 overall GPA for major	Grd	SCH
POLS 3301 Introduction to Political Science		3
POLS 3302 Political Research & Analysis		3
POLS 3310 American Political Institutions		3
POLS 3321 or POLS 3322 Political Theory		3
POLS 3341 or POLS 4344 IR/ World Politics		3
POLS 3351 Comparative Politics		3
POLS 4000 elective or Pre-approved track:		3
POLS 4000 elective or Pre-approved track:		3
POLS 4000 elective or Pre-approved track:		3
MINOR	18 SCH	
2.0 overall GPA for minor		
--A minimum of 10 Advanced credit hours required.		
	Grd	SCH
MAJOR (REQUIRED) COURSE ELECTIVES	9 SCH	
MAY TAKE ONE (1) OF FOUR (4) FORMS:		
Option 1: General Track	Grd	SCH
POLS adv. elective.		3
POLS adv. elective.		3
POLS adv. elective.		3
Option 2: Pre-Law		
POLS 4331 – Con Law I		3
POLS 4332 – Con Law II		3
POLS 4333 – American Judicial Process		3
Option 3: Public Administration / Policy		
POLS 4361 – Public Administration		3
POLS 4363 – Policy and Policy-Making		3
POLS 4315 – Urban Politics		3
Option 4: International Studies		
POLS 4317 – Nuclear Proliferation and U.S.		3
POLS 4342 – International Organizations		3
POLS 4343 – International Law		3
<p>Note: The above pre-formulated tracks are suggestions intended to help guide students in the selection of courses that will best meet their career objectives. Students are not obligated to follow a track entirely and are not required to commit to a particular track once started.</p>		

**Bachelor of Arts in Psychology
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II or ENGL 2311 Technical Writing		3
(020) MATHEMATICS		
MATH 1314 College Algebra		3
(030) LIFE and PHYSICAL SCIENCES		
BIOL 1306 General Biology I		3
BIOL 1307 General Biology II.		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL & BEHAVIORAL SCIENCES		
PSYC 2301 Intro to Psychology		3
(090) COMPONENT AREA OPTION		
Component Option Course from Approved List		3
Component Option Course from Approved List		3
REQUIRED SUPPORT COURSES	15 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
BIOL 1106 General Biology I lab		1
BIOL 1107 General Biology II lab		1
ENGL 2300 Special Topics in Writing		3
Foreign Language		3
Foreign Language		3

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

MAJOR (REQUIRED) COURSES	36 SCH	
2.0 overall GPA for major	Grd	SCH
PSYC 2301 Intro to Psychology (<i>Meets Social Behavioral Sciences Requirement for Core Curriculum</i>)		--
PSYC 2202 Intro to Psychology Major		2
PSYC 2388 Research Stat I		3
PSYC 3488 Research Stat II		4
Capstone: Choose 1		
PSYC 4388 Research Stat III		
PSYC 4333 History and Systems		
Choose one course from 5 of the 6 following areas		15
Development:		
PSYC 3327 Lifespan Development		
Learning and Cognition:		
PSYC 3304 Learning		
PSYC 4310 Cognition		
PSYC 4328 Perception		
Biological Bases of Behavior:		
PSYC 4312 Physiology		
PSYC 4325 Abnormal		
Social/Personality:		
PSYC 3305 Social Psychology		
PSYC 3365 Personality		
Applied Psychology:		
PSYC 3360 Psychology of Work		
PSYC 4335 Clinical		
PSYC 4309 Assessment		
PSYC 4352 Forensic		
PSYC 4344 Military		
PSYC 4370 Psychology and Law		
Experiential Learning in Psychology:		
PSYC 4355 Internship in Psychology		
PSYC 4351 Directed Research		
Choose three PSYC Electives (6 SCH must be upper division)		9
PSYC Upper division elective		3
PSYC Upper division elective		3
PSYC Elective		3
MINOR (Optional)	18 SCH	
2.0 overall GPA		
--A minimum of 10 advanced credit hours required.		
OR ELECTIVES		
--As needed to complete 120 credit hours required. At least 6 hours of electives must be upper division if minor is not selected.		
	Grd	SCH

**Bachelor of Science in Psychology
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II or ENGL 2311 Technical Writing		3
(020) MATHEMATICS		
MATH 1314 College Algebra		3
(030) LIFE and PHYSICAL SCIENCES		
Life & Physical Science (See Required Support Courses)		3
Life & Physical Science (See Required Support Courses)		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL & BEHAVIORAL SCIENCES		
PSYC 2301 Intro to Psychology		3
(090) COMPONENT AREA OPTION		
Component Option Course from Approved List		3
Component Option Course from Approved List		3
REQUIRED SUPPORT COURSES	9-15 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
BIOL 1306/1106 General Biology I w/lab or CHEM 1311/1111 Gen Chem I with lab or PHYS 1301/1101 Gen Phys I with lab or BIOL 2401 Human Anat and Phys I with lab <i>Note: BIOL 2401 does not satisfy core requirement for a Life & Physical Science.</i>		1/3
BIOL 1307/1107 General Biology II w/lab or CHEM 1312/1112 Gen Chem II with lab or PHYS 1302/1102 Gen Phys II with lab or BIOL 2402 Human Anat and Phys II with lab <i>Note: BIOL 2401 does not satisfy core requirement for a Life & Physical Science.</i>		1/3
ENGL 2300 Special Topics in Writing		3

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

MAJOR (REQUIRED) COURSES	36 SCH	
2.0 overall GPA for major	Grd	SCH
PSYC 2301 Intro to Psychology (Meets Social Behavioral Sciences Requirement for Core Curriculum)		--
PSYC 2202 Intro to Psychology Major		2
PSYC 2388 Research Stat I		3
PSYC 3488 Research Stat II		4
Capstone: Choose 1		
PSYC 4388 Research Stat III		
PSYC 4333 History and Systems		
Choose one course from 5 of the 6 following areas		15
Development:		
PSYC 3327 Lifespan Development		
Learning and Cognition:		
PSYC 3304 Learning		
PSYC 4310 Cognition		
PSYC 4328 Perception		
Biological Bases of Behavior:		
PSYC 4312 Physiology		
PSYC 4325 Abnormal		
Social/Personality:		
PSYC 3305 Social Psychology		
PSYC 3365 Personality		
Applied Psychology:		
PSYC 3360 Psychology of Work		
PSYC 4335 Clinical		
PSYC 4309 Assessment		
PSYC 4352 Forensic		
PSYC 4344 Military		
PSYC 4370 Psychology and Law		
Experiential Learning in Psychology:		
PSYC 4355 Internship in Psychology		
PSYC 4351 Directed Research		
Choose three PSYC Electives (6 SCH must be upper division)		9
PSYC Upper division elective		3
PSYC Upper division elective		3
PSYC Elective		3
MINOR (Optional)	18 SCH	
2.0 overall GPA		
--A minimum of 10 advanced credit hours required.		
OR ELECTIVES		
--As needed to complete 120 credit hours required. At least 6 hours of electives must be upper division if minor is not selected.		
	Grd	SCH

**Bachelor of Arts in Spanish
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
Mathematics		3
(030) LIFE and PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Govt & Politics of the U.S		3
GOVT 2306 Govt & Politics of Texas		3
(080) SOCIAL & BEHAVIORAL SCIENCES		
Social & Behavioral Sciences		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fundamentals of Pub Speaking		3
Component Option Course from Approved List		3
REQUIRED SUPPORT COURSES	10 SCH	
	Grd	SCH
ENGL 2326 Literature of the Americas		3
ENGL 2331 Global Issues in Literature		3
UNIV 1101 JagTracks 1		1
UNIV 2101 JagTracks 2		1
UNIV 3101 JagTracks 3		1
UNIV 4101 JagTracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

MAJOR (REQUIRED) COURSES	39 SCH	
2.0 overall GPA for major	Grd	SCH
SPAN 1311 Elementary Spanish I		3
SPAN 1312 Elementary Spanish II		3
SPAN 2311 Intermediate Spanish I		3
SPAN 2312 Intermediate Spanish II		3
SPAN 2320 Intro to Spanish-Lang Lit		3
SPAN 3301 Advanced Spanish Grammar		3
SPAN 3302 Spanish Composition		3
SPAN 3311 Professional Spanish		3
SPAN 3321 Survey of Spanish Peninsular Literature		3
SPAN 3361 Survey of Spanish American Literature		3
SPAN 4319 Hispanic Culture		3
SPAN 4320 Topics in Spanish Literature		3
ENGL 4388 Latino/a Literature		3
MINOR	18 SCH	
2.0 overall GPA	Grd	SCH
--A minimum of 10 Advanced credit hours required.		
	Grd	SCH
ELECTIVES	SCH	
--As needed to complete 120 credit hours required	Grd	SCH

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

Air Force Reserve Officer Training Corps (AFROTC)

Richard Delgado, Jr., *Director of Military Affairs*
Patriots' Casa, Suite 202
(210)784-1175

The US Air Force maintains a Reserve Officer Training Corps (AFROTC) program hosted at University of Texas at San Antonio (UTSA). Through an arrangement with UTSA, a student may obtain a commission as an officer in the U.S. Air Force upon completion of a baccalaureate degree at Texas A&M University-San Antonio (A&M-SA) and completion of the Air Force Reserve Officers Training Corps (ROTC) program at UTSA.

Students from A&M-San Antonio will need to apply to UTSA as special non-degree seeking students for the sole purpose of participating in the Air Force ROTC program. Students interested in AFROTC must apply for admission by UTSA's application deadline. All AFROTC classes and physical training with the cadet corps are offered at UTSA's 1604 campus.

As a freshman or sophomore cadet, students should expect to spend about five hours in AFROTC activities per week, not including travel time. The biggest hurdle for crosstown cadets is working out any schedule conflicts between both universities' classes. The freshman/sophomore AFROTC classes at UTSA are one credit hour courses; classes are offered on Tuesdays or Thursdays. Students enrolled in freshman/sophomore AFROTC classes will be automatically registered for a 2-hour lab on Thursdays from 3:30-5:15. Physical training courses are available on Tuesday and Thursday mornings at a variety of times:

Freshman Class Options	Sophomore Class
Tuesday 9:30-10:20	Tuesday 9:30-10:20
Tuesday 12:30-1:20	Tuesday 11:00-11:50
Tuesday 2:00-2:50	Thursday 11:00-11:50
Thursday 12:30-1:20	Thursday 2:00-2:50

Scholarships

Scholarships are available on a competitive basis, and provide tuition and fee assistance, a book allotment, and a monthly subsistence allowance.

UTSA Admissions

To participate in Air Force ROTC, students must apply for admission to UTSA as special (non-degree seeking) students. Students must apply by UTSA Admissions deadlines:

- Fall: June 1st
- Spring: November 15th

After admission to UTSA, complete the registration process below.

ROTC Registration

Crosstown cadets must use this registration process every semester to enroll into ROTC classes. Download the Certificate for Dual Enrollment, and complete section A on the form. Section B must be completed by your academic advisor.

The certificate and a copy of your most recent transcript must be sent to the AFROTC by fax: (210) 458-5649 or hand-delivery: North Paseo Building 1.220. The AFROTC program will complete section C.

Courses

The following ROTC courses are offered through UTSA:

- Foundations of U.S. Air Force I/II: 1 credit hour freshman level course which introduces students to the U.S. Air Force.
- Evolution of U.S. Air and Space Power I/II: 1 credit hour sophomore level course examines the history of air and space power.
- Leadership Studies I/II: 3 credit hour junior level course focusing on leadership and management principals.
- National Security and Active Duty Prep I/II: 3 credit hour senior level course which provides students with the foundation to understand their role as military officers in American society.

Army Reserve Officer Training Corps (ROTC)

CPT Wyatt Bayless, APMS TAMU Army ROTC
Patriots' Casa, Suite 202H
(210)784-1173

The US Army maintains a Reserve Officer Training Corps (ROTC) program hosted at University of Texas at San Antonio. Four-year and two-year programs are available to students at Texas A&M University-San Antonio.

Four-Year Program

The Basic Course, usually pursued concurrently with the freshman and sophomore years, is voluntary for students who are physically qualified for military training. There is no obligation incurred by non-scholarship cadets.

Veterans who have served on active duty for a period of over one year and who have received an honorable discharge, or High School students that have completed 4 years of JROTC may be granted credit for the basic course with concurrence of the Professor of Military Science.

The Advanced Course may be pursued by students who are physically qualified and have met the standards prescribed by the Professor of Military Science in scholastic achievements and demonstrated leadership. Cadets are normally enrolled in the Advanced Course during their Junior and Senior Year or Graduate students pursuing a Master Degree. They are required to attend a four-week ROTC Cadet Leaders Course (CLC) the summer following their junior year. Upon satisfactory completion of CLC and the academic work required for a degree, students are commissioned as Second Lieutenants in the United States Regular Army, the Army Reserves, or the Army National Guard.

Two-Year Program

In addition to the standard four-year course outlined above, UTSA Military Science Department and Texas A&M University-San Antonio offers a two-year program. Veterans who have served on active duty for a period of over one year and who have received an honorable discharge, or high school students that have completed 4 years of JROTC are eligible to enroll. The two-year program is also available to those who did not have or take the opportunity to complete the normal a Military Branch Basic Training Course or attend 4 years of JROTC. In order to enroll in the Advanced Course, a student must successfully complete four weeks of leadership training, provided at the Cadet Initial Entry Training (CIET) during the summer months prior to beginning their junior year or their first year in graduate school. If students desire to take advantage of this opportunity, they should communicate directly with the Professor of Military Science no later than March 1 of the year proceeding the last two years at Texas A&M University-San Antonio. Those students seeking a master's degree are eligible to participate in the two-year program.

Scholarships and Remuneration

The Department of the Army offers 4, 3, and 2 year competitive scholarship assistance to qualifying ROTC students. This assistance consists of payment up to \$25,000 a year to cover tuition and fees, and a \$1,200.00 a year book allotment, plus a grant to the ROTC cadet of \$300.00 to \$500.00 a month during the period of enrollment (not to exceed 40 months). The student needs NOT to be enrolled in the ROTC program prior to competing for a scholarship. Students interested in competing for scholarship assistance under this program should contact the Army ROTC Enrollment Officer.

Formally enrolled Advanced Course Students, who are not under the scholarship program, will be given a grant at the rate announced annually by the Secretary of the Army (currently this rate is \$450.00 to \$500.00 per month) not to exceed twenty months. During LDAC, all students are paid at the rate of one half of the base pay per month of a second lieutenant in lieu of subsistence allowance.

Uniform and Equipment

All uniforms, textbooks and other equipment will be issued to students enrolled in Army ROTC courses. Students are responsible for maintenance and upkeep of all items issued to them.

ROTC Courses

- MSCI 1301/1001: Introduction to the Army and Critical Thinking and Lab
- MSCI 1302/1002: Adaptive Leadership and Professional Competence and Lab
- MSCI 2301/2001 Leadership and Decision Making and Lab
- MSCI 2302/2002 Army Doctrine and Team Development and Lab
- MSCI 3301/3001 Training Management and Warfighting Functions and Lab
- MSCI 3302/3002 Applied Leadership in Small Unit Operations and Lab
- MSPF 3131 Military Physical Fitness
- MSCI 3330 American Military History
- MSCI 4301/4001 The Army Officer and Lab
- MSCI 4302/4002 Company Grade Leadership and Lab
- MSCI 4303/4003 Practical Leadership and Lab

BACHELOR OF APPLIED ARTS AND SCIENCES (BAAS Program)

The purpose of the Bachelor of Applied Arts and Sciences (B.A.A.S.) is to offer students with formal training in a vocational-technical studies area the opportunity to obtain a baccalaureate degree without the significant loss of credits that normally occurs when pursuing a traditional degree. This program is especially appropriate for graduates of an Associate of Applied Science program. The degree is designed to afford both academic and professional depth to individuals who possess recognized competence in an occupational or technical field. It is designed to offer flexibility that will permit tailoring the program to the student's background and educational objectives.

BAAS Degree Requirements

The student must complete a baccalaureate degree plan (120 semester hours minimum) consisting of 36 hours in residence and transfer credit which includes the following:

1. **General Education, Prerequisites and Electives** (42 to 66 semester hours)

This component is made up of freshman and sophomore-level courses which meet each of the criteria identified by the university as important aspects of a general education listed in the General Education Requirements.

2. **Area of Specialization** (18-42 semester hours)

Credits toward the area of specialization may be earned from regionally accredited junior or community colleges and vocational or technical schools; credits may also be earned through armed forces training when that work can be equated to college credit. Please see your academic advisor for more information regarding counting work experience.

3. **Professional Development** (36 semester hours)

The courses taken in this area are to be chosen to provide academic depth and breadth to the area of specialization and, in addition, afford substantive developmental knowledge in the student's professional career goals. The component focuses on areas of learning directly related to upward mobility and further extends a student's knowledge, skill and expertise. The professional development sequence of 36 semester hours will be selected from Business, Criminology, Early Childhood Education (non-certification), Fire and Emergency Services Administration, Information Technology, Interdisciplinary Studies (non-certification), Psychology, Social Sciences, or Sociology. The professional sequence will be tailored to each student's needs.

Candidates for the BAAS degree must complete a minimum of 36 hours in residence.

Students who choose the business emphasis of the BAAS degree must meet the same lower-division (field of study) course requirements as students pursuing the BBA degree.

Peace Officers

Peace officers in the state of Texas wishing to pursue a BAAS degree and who do not have previous college vocational/technical training may use their T-COLE academic hours to qualify them for the Bachelor of Applied Arts and Sciences degrees. The hours utilized in the enbloc credits area of the degree will be determined by the number of T-COLE academic hours divided by 50, with the maximum allowable being 18 semester credit hours of enbloc credits.

**Bachelor of Applied Arts & Sciences
Business Concentration
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 2311 Technical Writing		3
(020) MATHEMATICS		
MATH 1314 or 1324		3
(030) LIFE AND PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY, CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL AND BEHAVIORAL SCIENCE		
ECON 2301 Macroeconomics		3
(090) COMPONENT AREA OPTION		
MATH 1325 Math for Bus and Soc Sciences II		3
ECON 2302 Principles of Microeconomics		3
REQUIRED SUPPORT COURSES		
	13 SCH	
	Grd	SCH
ACCT 2301 Principles of Acct I - Financial		3
ACCT 2302 Principles of Acct II - Managerial		3
CISA 1305 Business Computer Applications		3
UNIV 1101 JagTracks 1		1
UNIV 2101 JagTracks 2		1
UNIV 3101 JagTracks 3		1
UNIV 4101 JagTracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(36 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

BUSINESS EMPHASIS AREA	36 SCH	
<i>All courses below must be taken at A&M-SA</i>		
	Grd	SCH
ACCT 3301 Acct for non-Acct Majors		3
BCOM 3304 Business Communications		3
BLAW 3341 Business Law		3
BUAD 3301 Quantitative Methods for Business		3
BUAD 3355 Business Statistics		3
CISA 3358 Management Information Systems		3
FINC 3337 Business Finance		3
MGMT 3311 Principles of Management		3
MGMT 3320 Supply Chain and Ops Mgmt		3
MKTG 3311 Principles of Marketing		3
MGMT 4370 Decision and Business Policy (<i>to be completed in your last semester only</i>) **		3
Upper Level Business or CISA Elective		3
TECHNICAL/VOCATIONAL CREDITS		18-42 SCH
<i>Enbloc credits</i>	Grd	SCH
ELECTIVES		
<i>--As needed to complete 120 credit hours required</i>		
	Grd	SCH
TOTALS		
Total General Education Hours (42)		
Support Courses (13)		
Enbloc credits (18-42)		
Total Business Emphasis Hours (36)		
Electives		
Total Semester hours:		120

Bachelor of Applied Arts & Sciences
Fire and Emergency Services Administration-Fire Administration Concentration
2016-2017 Degree Plan

CORE CURRICULUM (See note below)			42 SCH	
	Grd	SCH		
(010) COMMUNICATION				
ENGL 1301 Composition I				3
ENGL 2311 Technical Writing				3
(020) MATHEMATICS				
MATH 1332 Contemporary Math				3
(030) LIFE AND PHYSICAL SCIENCES				
Life & Physical Science				3
Life & Physical Science				3
(040) LANGUAGE, PHILOSOPHY, AND CULTURE				
Lang/Phil/Culture				3
(050) CREATIVE ARTS				
Creative Arts				3
(060) AMERICAN HISTORY				
HIST 1301 American History to 1865				3
HIST 1302 American History since 1865				3
(070) GOVERNMENT/POLITICAL SCIENCE				
GOVT 2305 Federal Government				3
GOVT 2306 Texas Government				3
(080) SOCIAL AND BEHAVIORAL SCIENCE				
ECON 2301 Macroeconomics				3
(090) COMPONENT AREA OPTION				
Component Option Course from Approved List				3
Component Option Course from Approved List				3
REQUIRED SUPPORT COURSES			4 SCH	
	Grd	SCH		
UNIV 1101 Jaguar Tracks 1				1
UNIV 2101 Jaguar Tracks 2				1
UNIV 3101 Jaguar Tracks 3				1
UNIV 4101 Jaguar Tracks 4				1
TECHNICAL/VOCATIONAL CREDITS			18-42 SCH	
<i>Enbloc credits must be taken in the field of Fire or Emergency Services or closely related area.</i>	Grd	SCH		

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

EMPHASIS AREA			36 SCH	
All courses below must be taken at A&M-SA				
	Grd	SCH		
FESA 3330 Pol and Legal Fnd for the Fire Service				3
FESA 3332 Fire Prevention, Org and Mgmt				3
FESA 3334 Pers Mgmt for Fire and Emer Serv				3
FESA 3338 Comm Risk Red for Fire and Emer				3
FESA 4310 Fire and Emergency Services Admin				3
FESA 4312 Applications of Fire Research				3
FESA 4318 Terr, WMD and Homeland SecThreats				3
Concentration (Fire Administration)				
FESA 3336 Principles of Fire and Emergency Services Safety and Survival				3
FESA 3340 Disaster Planning and Control				3
FESA 4314 Public Safety Leadership and Ethics				3
FESA 4316 Data Based Outcomes for Fire and Emergency Services				3
FESA 4320 Public Budgeting and Financial Mgmt for the Fire Service				3
ELECTIVES				
--As needed to complete 120 credit hours required				
	Grd	SCH		
TOTALS				
Total General Education Hours (42)				
Technical/Vocational Credits (18-42)				
Required Support Courses (4)				
Total Emphasis Hours (36)				
Electives				
Total Semester hours:				
				120

120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(36 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)

Bachelor of Applied Arts & Sciences
Fire and Emergency Services Administration-Homeland Security Concentration
2016-2017 Degree Plan

CORE CURRICULUM (See note below)		42 SCH	
	Grd	SC H	
(010) COMMUNICATION			
ENGL 1301 Composition I		3	
ENGL 2311 Technical Writing		3	
(020) MATHEMATICS			
MATH 1332 Contemporary Math		3	
(030) LIFE AND PHYSICAL SCIENCES			
Life & Physical Science		3	
Life & Physical Science		3	
(040) LANGUAGE, PHILOSOPHY, AND CULTURE			
Lang/Phil/Culture		3	
(050) CREATIVE ARTS			
Creative Arts		3	
(060) AMERICAN HISTORY			
HIST 1301 American History to 1865		3	
HIST 1302 American History since 1865		3	
(070) GOVERNMENT/POLITICAL SCIENCE			
GOVT 2305 Federal Government		3	
GOVT 2306 Texas Government		3	
(080) SOCIAL AND BEHAVIORAL SCIENCE			
ECON 2301 Macroeconomics		3	
(090) COMPONENT AREA OPTION			
Component Option Course from Approved List		3	
Component Option Course from Approved List		3	
REQUIRED SUPPORT COURSES		4 SCH	
	Grd	SCH	
UNIV 1101 Jaguar Tracks 1		1	
UNIV 2101 Jaguar Tracks 2		1	
UNIV 3101 Jaguar Tracks 3		1	
UNIV 4101 Jaguar Tracks 4		1	
TECHNICAL/VOCATIONAL CREDITS		18-42 SCH	
<i>Enbloc credits must be taken in the field of Fire or Emergency Services or closely related area.</i>	Grd	SCH	

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

EMPHASIS AREA		36 SCH	
All courses below must be taken at A&M-SA			
	Grd	SCH	
FESA 3330 Pol and Legal Fnd for the Fire Service		3	
FESA 3332 Fire Prevention, Org and Mgmt		3	
FESA 3334 Pers Mgmt for Fire and Emer Serv		3	
FESA 3338 Comm Risk Red for Fire and Emer		3	
FESA 4310 Fire and Emergency Services Admin		3	
FESA 4312 Applications of Fire Research		3	
FESA 4318 Terr, WMD and Homeland SecThreats		3	
Concentration (Homeland Security)			
FESA 3350 Intro to Fund of Homeland Security		3	
FESA 3352 Homeland Sec & Emer Mgmt Practices		3	
FESA 4360 Homeland Sec Law Pol and Practices		3	
FESA 4362 Intro to Critical Infra & Key Resources		3	
CISA 4321 Intro to Information Security		3	
ELECTIVES			
--As needed to complete 120 credit hours required			
	Grd	SCH	
TOTALS			
Total General Education Hours (42)			
Technical/Vocational Credits (18-42)			
Required Support Courses (4)			
Total Emphasis Hours (36)			
Electives			
Total Semester hours:			120

120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(36 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)

**Bachelor of Applied Arts & Sciences
Information Technology Concentration
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 2311 Technical Writing		3
(020) MATHEMATICS		
MATH 1342 Intro to Statistics		3
(030) LIFE AND PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL AND BEHAVIORAL SCIENCE		
Social & Behavioral Science		3
(090) COMPONENT AREA OPTION		
Component Option Course from Approved List		3
Component Option Course from Approved List		3
REQUIRED SUPPORT COURSES		
	Grd	SCH
CSCI 1336 Programming		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
TECHNICAL/VOCATIONAL CREDITS		
	Grd	Cr Hr
<i>Enbloc credits must be taken in the field of Information Technology or closely related area.</i>		

*IT EMPHASIS AREA	36 SCH	
<i>All courses below must be taken at A&M-SA</i>		
	Grd	SCH
BCOM 3304 Business Communication		3
CISA 3354/4301/4302/4305/4309, or 4335 Programming Language		3
CISA 3351 Database Design and SQL		3
CISA 3356 Systems Analysis		3
CISA 4306 Telecommunications		3
CISA 4321 Information Security		3
CISA 4358 Senior Project & Seminar		3
ADV CISA		3
ADV CISA		3
ADV CISA		3
ADV CISA		3
ADV CISA or Business Elective		3
ELECTIVES		
<i>--As needed to complete 120 credit hours required</i>		
	Grd	SCH
TOTALS		
<i>Total General Education Hours (42)</i>		
<i>Support Courses (3)</i>		
<i>Enbloc credits (18-42)</i>		
<i>Total IT Emphasis Hours (36)</i>		
<i>Electives</i>		
<i>Total Semester hours:</i>		120

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(36 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Bachelor of Applied Arts & Sciences
Information Technology/Enterprise Resource Management Concentration
2016-2017 Degree Plan

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 2311 Technical Writing		3
(020) MATHEMATICS		
MATH 1342 Intro to Statistics		3
(030) LIFE AND PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY, AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL AND BEHAVIORAL SCIENCE		
Social & Behavioral Science		3
(090) COMPONENT AREA		
Component Option Course from Approved List		3
Component Option Course from Approved List		3
REQUIRED SUPPORT COURSES	7 SCH	
	Grd	SCH
CSCI 1336 Programming		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
TECHNICAL/VOCATIONAL CREDITS		
	Grd	SCH
<i>Enbloc credits must be taken in the field of Information Technology or closely related area.</i>		

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

*IT EMPHASIS AREA	36 SCH	
	Grd	SCH
<i>All courses below must be taken at A&M-SA</i>		
BCOM 3304 Business Communication		3
CISA 3354/4301/4302/4305/4309, or 4335 Programming Language		3
CISA 3351 Database Design and SQL		3
CISA 3356 Systems Analysis		3
CISA 4306 Telecommunications		3
CISA 4321 Information Security		3
CISA 4358 Senior Project & Seminar		3
Enterprise Resource Management Electives		
ACCT 4317 AIS or CISA 4331 Enterprise Resource Planning Systems		3
CISA 4311, 4332, or 4333 Project Management, Business Intelligence or Chain Integration		3
CISA 4334 Business Process Integration		3
ADV CISA or Business Elective		3
ADV CISA or Business Elective		3
ELECTIVES		
<i>--As needed to complete 120 credit hours required</i>		
	Grd	SCH
TOTALS		
<i>Total General Education Hours (42)</i>		
<i>Support Courses (7)</i>		
<i>Enbloc credits (18-42)</i>		
<i>Total Business Emphasis Hours (36)</i>		
<i>Electives</i>		
<i>Total Semester hours:</i>		120

*These are recommended courses. Students who have already taken equivalent coursework may choose other CISA courses.

120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(36 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)

**Bachelor of Applied Arts & Sciences
Information Technology/Project Management Concentration
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 2311 Technical Writing		3
(020) MATHEMATICS		
MATH 1342 Intro to Statistics		3
(030) LIFE AND PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY, AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL AND BEHAVIORAL SCIENCE		
Social & Behavioral Science		3
(090) COMPONENT AREA OPTION		
Component Option Course from Approved List		3
Component Option Course from Approved List		3
REQUIRED SUPPORT COURSES		
	7 SCH	
	Grd	SCH
CSCI 1336 Programming		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
TECHNICAL/VOCATIONAL CREDITS		
	18-42 SCH	
	Grd	SCH
<i>Enbloc credits must be taken in the field of Information Technology or closely related area.</i>		

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

*IT EMPHASIS AREA	36 SCH	
	Grd	SCH
All courses below must be taken at A&M-SA		
BCOM 3304 Business Communication		3
CISA 3354/4301/4302/4305/4309, or 4335 Programming Language		3
CISA 3351 Database Design and SQL		3
CISA 3356 Systems Analysis		3
CISA 4306 Telecommunications		3
CISA 4321 Information Security		3
CISA 4358 Senior Project & Seminar		3
CISA/MGMT 4311 Project Management		3
CISA/MGMT 4312 Risk Management		3
MGMT 4323 Total Quality and Lean Mgmt		3
MGMT 4344 Organizational Leadership		3
ADV CISA or Business Elective		3
ELECTIVES		
<i>--As needed to complete 120 credit hours required</i>		
	Grd	SCH
TOTALS		
<i>Total General Education Hours (42)</i>		
<i>Support Courses (7)</i>		
<i>Enbloc credits (18-42)</i>		
<i>Total Business Emphasis Hours (36)</i>		
<i>Electives</i>		
Total Semester hours:		120

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(36 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Applied Arts & Sciences
Interdisciplinary Studies Concentration (Non-certification)
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II or ENGL 2311 Technical Writing		3
(020) MATHEMATICS		
MATH 1314 College Algebra		3
(030) LIFE and PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL & BEHAVIORAL SCIENCE		
Social & Behavioral Science		3
(090) COMPONENT AREA OPTION		
SPCH 1315 or SPCH 1318		3
Component Option Course from Approved List		3
REQUIRED SUPPORT COURSES		
	4 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
TECHNICAL/VOCATIONAL CREDITS		
<i>Enbloc Credits</i>		18-42 SCH

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Major Courses (Taken at A&M-SA)	36 SCH	
	Grd	SCH
36 Advanced Hours at A&M-SA. Choose 3 of the 4 tracks listed below.		
Option 1: EC, SPED, Bilingual- choose 4	Grd	SCH
EDEC 3303 Child Development		3
EDEC 4314 Cognitive Development		3
EDEC 4315 Social/Emotional Dev		3
EDSE 3345 Survey of Exceptional Children		3
EDEC 4316 Assessment of Young Children		3
EDBL 3315 Second Lang Acq/Lit. dev for ELL		3
EDRG 3314 Foundations for Early Literacy		3
EDBL 3320 Test and Measurement in Bil/ESL		3
EDBL 3311 Survey of Bilingual Education		3
Option 2: Health and Wellness- Select 4		
EDHL 3331 Consumer Health		3
EDHL 3345 Drug Education		3
EDKN 4324 Exercise & Chronic		3
EDHL 3383 Women's Health		3
EDHL 4342 Program Planning for Hlth		3
EDKN 3320 EC Motor Dev/Motor Learning		3
Option 3: Business Management- Select 4		
CISA 3358 Management Information Systems		3
MGMT 3311 Principles of Management		3
MKTG 3311 Principles of Marketing		3
BCOM 3304 Business Communication		3
ACCT 3301 Accounting for Non-Accountants		3
BLAW 3341 Business Law		3
Option 4: Psychology & Sociology-Select 4		
PSYC 3305/SOCI 3311 Social Psychology		3
PSYC 3321 Intimate Relationships		3
PSYC 3322 Gender Issues		3
SOCI 4362 Race and Ethnicity		3
SOCI 3370 Introduction to Human Services		3
PSYC 3324 Cross-cultural Psychology		3
ELECTIVES		
-As needed to complete 120 credit hours	Grd	SCH

120+ CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(36 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)

**Bachelor of Applied Arts & Sciences
Logistics and Supply Chain Management Concentration
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 2311 Technical Writing		3
(020) MATHEMATICS		
MATH 1314 or 1324		3
(030) LIFE AND PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY, CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL AND BEHAVIORAL SCIENCE		
ECON 2301 Principles of Macroeconomics		3
(090) COMPONENT AREA OPTION		
MATH 1325 Math for Bus and Social Sciences II		3
ECON 2302 Principles of Microeconomics		3
REQUIRED SUPPORT COURSES		
	13 SCH	
	Grd	SCH
ACCT 2301 Principles of Accounting I - Financial		3
ACCT 2302 Principles of Accounting II - Managerial		3
CISA 1305 Business Computer Applications		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
TECHNICAL/VOCATIONAL CREDITS		
	18-42 SCH	
<i>Enbloc credits must be in logistics, supply chain or closely related fields</i>	Grd	SCH

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

BUSINESS EMPHASIS AREA	36 SCH	
<i>All courses below must be taken at A&M-SA</i>		
	Grd	SCH
BCOM 3304 Business Communication		3
BUAD 3301 Quantitative Methods of Business		3
FINC 3337 Business Finance		3
CISA 3358 Management Information Systems		3
MGMT 3325 Human Resource Management		3
MGMT 3320 Supply Chain & Operations Mgmt		3
MGMT 4355 Channel Mktg or MGMT 3314 Prin of Bus Logistics		3
MGMT 4331 Global Business Mgmt		3
MGMT 4323 Total Quality and Lean Management		3
MGMT 4333 Supply Chain Integration		3
MGMT 4330 Global Purchasing & Supply Management		3
MGMT 4343 Performance Management		3
ELECTIVES		
<i>--As needed to complete 120 credit hours required</i>		
	Grd	SCH
TOTALS		
<i>Total General Education Hours (42)</i>		
<i>Support Courses (13)</i>		
<i>Enbloc credits (18-42)</i>		
<i>Total Business Emphasis Hours (36)</i>		
<i>Electives</i>		
<i>Total Semester hours:</i>		120

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(36 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Applied Arts & Sciences
Psychology Concentration
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH		MAJOR (REQUIRED) COURSES	36 SCH	
	Grd	SCH	2.0 overall GPA for major	Grd	SCH
(010) COMMUNICATION					
ENGL 1301 Composition I		3	PSYC 2301 Intro to Psychology (<i>Meets Social Behavioral Sciences Requirement for Core Curriculum</i>)		--
ENGL 1302 Composition II or ENGL 2311 Technical Writing		3	PSYC 2202 Intro to Psychology Major		2
(020) MATHEMATICS					
MATH 1314 College Algebra		3	PSYC 2388 Research Stat I		3
(030) LIFE and PHYSICAL SCIENCES					
Life & Physical Science		3	PSYC 3488 Research Stat II		4
Life & Physical Science		3	Capstone: Choose 1		
(040) LANGUAGE, PHILOSOPHY AND CULTURE					
Lang/Phil/Culture		3	PSYC 4388 Research Stat III		
(050) CREATIVE ARTS					
Creative Arts		3	PSYC 4333 History and Systems		
(060) AMERICAN HISTORY					
HIST 1301 American History to 1865		3	Choose one from 5 of the following areas		
HIST 1302 American History since 1865		3	Development:		
(070) GOVERNMENT/POLITICAL SCIENCE					
GOVT 2305 Federal Government		3	PSYC 3327 Lifespan Development		
GOVT 2306 Texas Government		3	Learning and Cognition		
(080) SOCIAL & BEHAVIORAL SCIENCES					
PSYC 2301 Intro to Psychology		3	PSYC 3304 Learning		
(090) COMPONENT AREA OPTION					
Component Option Course from Approved List		3	PSYC 4310 Cognition		
Component Option Course from Approved List		3	PSYC 4328 Perception		
REQUIRED SUPPORT COURSES	7 SCH		Biological Bases of Behavior:		
	Grd	SCH	PSYC 4312 Physiology		
UNIV 1101 Jaguar Tracks 1		1	PSYC 4325 Abnormal		
UNIV 2101 Jaguar Tracks 2		1	Social/Personality:		
UNIV 3101 Jaguar Tracks 3		1	PSYC 3305 Social Psychology		
UNIV 4101 Jaguar Tracks 4		1	PSYC 3365 Personality		
ENGL 2300 Special Topics in Writing		3	Applied Psychology:		
TECHNICAL/VOCATIONAL CREDITS	18-42 SCH		PSYC 3360 Psychology of Work		
<i>Enbloc credits</i>	Grd	SCH	PSYC 4335 Clinical		
			PSYC 4308 Assessment		
			PSYC 4352 Forensic		
			PSYC 4344 Military		
			PSYC 4370 Psychology and Law		
			Experiential Learning in Psychology:		
			PSYC 4355 Internship in Psychology		
			PSYC 4351 Directed Research		
Choose four PSYC Upper-division Electives				12	
			PSYC Upper division elective		3
			PSYC Upper division elective		3
			PSYC Upper division elective		3
			PSYC Upper division elective		3
TOTALS					
<i>Total General Education Hours (42)</i>					
<i>Support Courses (7)</i>					
<i>Enbloc credits (18-42)</i>					
<i>Total Emphasis Hours (36)</i>					
<i>Electives</i>					
Total Semester hours:					120

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(36 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

COLLEGE OF BUSINESS

Undergraduate Programs

Dr. Tracy Hurley, *Dean of the College of Business*

Dr. Syed Harun, *Department Chair, Department of Accounting, Computing and Finance*

Dr. Amy Lewis, *Department Chair, Department of Management and Marketing*

Cynthia Kinney-Lee, *Office Manager*

**Brooks City Base, Bldg. 775, College of Business Suite, Rooms E180–E194
(210)784-2202**

Mission Statement

The mission of the College of Business at Texas A&M University-San Antonio is to prepare a diverse student population for professional-level, global business careers in a student-centered learning environment through the dynamic use of technology, development and application of practitioner-oriented research and a shared commitment to community involvement with local businesses and organizations.

Academic Advising

Each undergraduate business student is **required** to meet with their academic advisor upon entering the university. It is then recommended that students should meet with their advisor on a regular basis to discuss their academic progress, scheduling of courses and to discuss any questions or concerns they may have. For any questions or to make an appointment, please contact the academic advisors at undergradbusiness@tamusa.edu or (210) 784-2202.

Courses of Instruction

There are four components of the Bachelor of Business Administration (B.B.A.) degree: (1) the university's general education component or core curriculum; (2) the lower-division business field of study courses; (3) the common professional component consisting of 3000 and 4000-level business courses required of all business majors; and (4) the courses specific to a major. The typical B.B.A. degree program consists of 120 hours.

Requirements for the B.B.A. Degree

Business Prerequisites

ACCT 2301, ACCT 2302, ECON 2301, ECON 2302, CISA 1305 (for CISA majors: CSCI 1336/1337), and MATH 1325 are prerequisites for all 3000 and 4000 level business administration courses.

Upper and Lower Divisions within the College of Business

Students in upper-level courses within the College of Business are expected to have a basic level of knowledge in specific disciplines in order to be able to successfully synthesize the information they are acquiring. That basic level of knowledge includes the ability to read and write effectively, to think quantitatively and to have a basic understanding of accounting and our economic system. To ensure the competence of students to complete the upper division component successfully, students must take their lower-division courses in the required order and achieve the required minimum grades in those courses.

In order to register for the upper division business courses students must earn a grade of at least “C” in the following courses:

ACCT 2301

ACCT 2302

CISA 1301 (For CISA majors: CSCI 1336/1337)

ECON 2301

ECON 2302

Additionally, students must have a 2.0 grade point average for the following group of courses:

ENGL 1301

ENGL 1302

MATH 1314/1324

MATH 1325

Students who are completing their last semester of lower-division requirements may take up to 18 hours of upper-level business courses pending acceptance into the Upper Division. Those courses must be chosen from the following:

BLAW 3341
BCOM 3304
CISA 3358
BUAD 3311

MKTG 3311
MGMT 3311
MGMT 3325

Special situations that may arise with respect to completion of the lower-division course work and sequencing of courses, such as students transferring from other majors within the university and students transferring from other institutions, may be handled on a case-by-case basis by the academic advisor, department chair, and college of business dean.

Communication Skills

The college requires that all of its majors demonstrate proficient communication skills. Passing BCOM 3304 – Business Communication – with a grade of “C” would demonstrate a minimal level of proficiency. If a student is found deficient in communication in BCOM 3304, the student must retake the course until the required minimal grade is achieved.

Accounting Majors

All Accounting majors must receive a grade of “C” or better in ACCT 3302, ACCT 3303, and ACCT 3304. If a student is found deficient in these courses, the student must retake the course(s) until the required minimum grade is achieved. Accounting majors may not proceed to upper-level accounting classes before these minimum course competencies are achieved. Accounting majors may not take ACCT 3301 for credit.

Grade Point Average for Graduation

A minimum grade point average of 2.0 is required on: (1) all course work attempted including course work attempted at other universities, (2) all course work attempted at Texas A&M University-San Antonio, (3) all courses in business administration and (4) all courses in the professional field for each major.

MGMT 4370 is required and must be taken at Texas A&M University-San Antonio during the final semester.

**Bachelor of Business Administration in Accounting
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)		42 SCH	
	Grd	SCH	
(010) COMMUNICATION			
ENGL 1301 Composition I		3	
ENGL 1302 Composition II		3	
(020) MATHEMATICS			
MATH 1314 or 1324		3	
(030) LIFE AND PHYSICAL SCIENCE			
Life & Physical Science		3	
Life & Physical Science		3	
(040) LANGUAGE, PHILOSOPHY, AND CULTURE			
Lang/Phil/Culture		3	
(050) CREATIVE ARTS			
Creative Arts		3	
(060) AMERICAN HISTORY			
HIST 1301 American History to 1865		3	
HIST 1302 American History since 1865		3	
(070) GOVERNMENT/POLITICAL SCIENCE			
GOVT 2305 Federal Government		3	
GOVT 2306 Texas Government		3	
(080) SOCIAL AND BEHAVIORAL SCIENCE			
ECON 2301 Macroeconomics		3	
(090) COMPONENT AREA OPTION			
SPCH 1315 Fund of Public Speaking		3	
ECON 2302 Microeconomics		3	
REQUIRED SUPPORT COURSES		12 SCH	
	Grd	SCH	
MATH 1325 Math for Business and Social Sciences II (Business Calculus)		3	
ACCT 2301 Princ of Financial Acct		3	
ACCT 2302 Princ of Managerial Acct		3	
CISA 1305 Business Computer Appl		3	
UNIVERSITY REQUIREMENTS		4 SCH	
	Grd	SCH	
UNIV 1101 Jaguar Tracks 1		1	
UNIV 2101 Jaguar Tracks 2		1	
UNIV 3101 Jaguar Tracks 3		1	
UNIV 4101 Jaguar Tracks 4		1	

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Business Core (Upper Level) 2.0		33 SCH	
	Grd	SCH	
ACCT 3302 Intermediate Accounting I		3	
BCOM 3304 Business Communications		3	
BLAW 3341 Business Law		3	
BUAD 3301 Quantitative Methods of Business		3	
BUAD 3355 Business Statistics		3	
CISA 3358 Management Information Systems		3	
FINC 3337 Business Finance		3	
MGMT 3311 Principles Of Management		3	
MGMT 3320 Supply Chain & Ops Mgmt		3	
MKTG 3311 Principles Of Marketing		3	
MGMT 4370 MGMT Decision and Business Policy (to be completed in your last semester only) **		3	
MAJOR Courses 2.0 GPA required		27 SCH	
	Grd	SCH	
ACCT 3303 Intermediate Acct II		3	
ACCT 3304 Intermediate Acct III		3	
ACCT 3314 Cost Managerial Acct		3	
ACCT 3305 Fund of Federal Income Tax		3	
ACCT 4311 Auditing I		3	
ACCT 4314 Business Combinations		3	
ACCT Elective (Advanced)		3	
Major Requirements			
ACCT 4307, 4317, OR CISA 3356		3	
BLAW 4342 Business Law for Accountants		3	
ELECTIVES		2 SCH	
	Grd	SCH	
BUAD Experiential Learning		1	
BUAD Experiential Learning		1	

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Business Administration in Computer Information Systems
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 or 1324		3
(030) LIFE AND PHYSICAL SCIENCE		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY, AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL AND BEHAVIORAL SCIENCE		
ECON 2301 Macroeconomics		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
ECON 2302 Microeconomics		3
REQUIRED SUPPORT COURSES		
	12 SCH	
	Grd	SCH
MATH 1325 Math for Business and Social Sciences II (Business Calculus)		3
ACCT 2301 Princ of Financial Acct		3
ACCT 2302 Princ of Managerial Acct		3
CSCI 1336 Programming Fund I		3
UNIVERSITY REQUIREMENTS		
	4 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Business Core (Upper Level) 2.0 overall GPA for major	33 SCH	
	Grd	SCH
ACCT 3301 Acct for non-Acct Majors		3
BCOM 3304 Business Communications		3
BLAW 3341 Business Law		3
BUAD 3301 Quantitative Methods for Business		3
BUAD 3355 Business Statistics		3
CISA 3356 Systems Analysis and Design		3
FINC 3337 Business Finance		3
MGMT 3311 Principles of Management		3
MGMT 3320 Supply Chain and Ops Mgmt		3
MKTG 3311 Principles of Marketing		3
MGMT 4370 MGMT Decision and Business Policy (to be completed in your last semester only) **		3
Major Courses		
	27 SCH	
	Grd	SCH
CISA 3351 Database and Design and SQL		3
CISA 3354, 4301, 4302, 4305, 4309, 4335 Programming Language		3
CISA 3354, 4301, 4302, 4305, 4309, 4335 Programming Language		3
CISA 4306 Telecommunications I		3
CISA 4358 Senior Seminar & Project		3
CISA 4321 Information Security		3
Major Requirements		
CISA Elective (Advanced)		3
CISA Elective		3
CISA/Business Elective		3
ELECTIVE		
	2 SCH	
	GRD	SCH
BUAD Experiential Learning		1
BUAD Experiential Learning		1

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Business Administration in Computer Information Systems
Enterprise Resource Planning Systems Concentration
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)		42 SCH	
	Grd	SCH	
(010) COMMUNICATION			
ENGL 1301 Composition I		3	
ENGL 1302 Composition II		3	
(020) MATHEMATICS			
MATH 1314 or 1324		3	
(030) LIFE AND PHYSICAL SCIENCE			
Life & Physical Science		3	
Life & Physical Science		3	
(040) LANGUAGE, PHILOSOPHY, AND CULTURE			
Lang/Phil/Culture		3	
(050) CREATIVE ARTS			
Creative Arts		3	
(060) AMERICAN HISTORY			
HIST 1301 American History to 1865		3	
HIST 1302 American History since 1865		3	
(070) GOVERNMENT/POLITICAL SCIENCE			
GOVT 2305 Federal Government		3	
GOVT 2306 Texas Government		3	
(080) SOCIAL AND BEHAVIORAL SCIENCE			
ECON 2301 Macroeconomics		3	
(090) COMPONENT AREA OPTION			
SPCH 1315 Fund of Public Speaking		3	
ECON 2302 Microeconomics		3	
REQUIRED SUPPORT COURSES		12 SCH	
	Grd	SCH	
MATH 1325 Math for Business and Social Sciences II (Business Calculus)		3	
ACCT 2301 Princ of Financial Acct		3	
ACCT 2302 Princ of Managerial Acct		3	
CSCI 1336 Programming Fund I		3	
UNIVERSITY REQUIREMENTS		4 SCH	
	Grd	SCH	
UNIV 1101 Jaguar Tracks 1		1	
UNIV 2101 Jaguar Tracks 2		1	
UNIV 3101 Jaguar Tracks 3		1	
UNIV 4101 Jaguar Tracks 4		1	

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Business Core (Upper Level)		33 SCH	
2.0 overall GPA for major		Grd	SCH
ACCT 3301 Acct for non-Acct Majors			3
BCOM 3304 Business Communications			3
BLAW 3341 Business Law			3
BUAD 3301 Quantitative Methods for Business			3
BUAD 3355 Business Statistics			3
CISA 3356 Systems Analysis and Design			3
FINC 3337 Business Finance			3
MGMT 3311 Principles of Management			3
MGMT 3320 Supply Chain and Ops MGMT			3
MKTG 3311 Principles of Marketing			3
MGMT 4370 MGMT Decision and Business Policy (to be completed in your last semester only) **			3
Major Courses		30 SCH	
		Grd	SCH
CISA 3351 Database Design and SQL			3
CISA 3354, 4301, 4302, 4305, 4309, 4335 Programming Language			3
CISA 3354, 4301, 4302, 4305, 4309, 4335 Programming Language			3
CISA 4306 Telecommunications I			3
CISA 4358 Senior Seminar & Project			3
CISA 4321 Information Security			3
Concentration Requirements			
ACCT 4317 OR CISA 4331 (AIS or ERP)			3
CISA 4334 Business Process Integration			3
CISA Elective (4311, 4332 or 4333)			3
CISA Elective (4311, 4332 or 4333)			3
4311: Project Mgmt, 4332: Business Intelligence/Data 4333: Supply Chain Integration			
ELECTIVE		2 SCH	
		GRD	SCH
BUAD Experiential Learning			
BUAD Experiential Learning			

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Business Administration in Computer Information Systems
Information Assurance and Security Concentration
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)		42 SCH	
	Grd	SCH	
(010) COMMUNICATION			
ENGL 1301 Composition I		3	
ENGL 1302 Composition II		3	
(020) MATHEMATICS			
MATH 1314 or 1324		3	
(030) LIFE AND PHYSICAL SCIENCE			
Life & Physical Science		3	
Life & Physical Science		3	
(040) LANGUAGE, PHILOSOPHY, AND CULTURE			
Lang/Phil/Culture		3	
(050) CREATIVE ARTS			
Creative Arts		3	
(060) AMERICAN HISTORY			
HIST 1301 American History to 1865		3	
HIST 1302 American History since 1865		3	
(070) GOVERNMENT/POLITICAL SCIENCE			
GOVT 2305 Federal Government		3	
GOVT 2306 Texas Government		3	
(080) SOCIAL AND BEHAVIORAL SCIENCE			
ECON 2301 Macroeconomics		3	
(090) COMPONENT AREA OPTION			
SPCH 1315 Fund of Public Speaking		3	
ECON 2302 Microeconomics		3	
REQUIRED SUPPORT COURSES		12 SCH	
	Grd	SCH	
MATH 1325 Math for Business and Social Sciences II (Business Calculus)		3	
ACCT 2301 Princ of Financial Acct		3	
ACCT 2302 Princ of Managerial Acct		3	
CSCI 1336 Programming Fund I		3	
UNIVERSITY REQUIREMENTS		4 SCH	
	Grd	SCH	
UNIV 1101 Jaguar Tracks 1		1	
UNIV 2101 Jaguar Tracks 2		1	
UNIV 3101 Jaguar Tracks 3		1	
UNIV 4101 Jaguar Tracks 4		1	

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Business Core (Upper Level)		33 SCH	
2.0 overall GPA for major		Grd	SCH
ACCT 3301 Acct for non-Acct Majors			3
BCOM 3304 Business Communications			3
BLAW 3341 Business Law			3
BUAD 3301 Quantitative Methods for Business			3
BUAD 3355 Business Statistics			3
CISA 3356 Systems Analysis and Design			3
FINC 3337 Business Finance			3
MGMT 3311 Principles of Management			3
MGMT 3320 Supply Chain and Ops Mgmt			3
MKTG 3311 Principles of Marketing			3
MGMT 4370 MGMT Decision and Business Policy (to be completed in your last semester only) **			3
Major Courses		30 SCH	
		Grd	SCH
CISA 3351 Database and Design and SQL			3
CISA 3354, 4301, 4302, 4305, 4309, 4335 Programming Language			3
CISA 3354, 4301, 4302, 4305, 4309, 4335 Programming Language			3
CISA 4306 Telecommunications I			3
CISA 4358 Senior Project & Seminar			3
CISA 4321 Information Security			3
Concentration Requirements			
CISA 4311, 4322, 4323, 4324, or 4326			3
CISA 4311, 4322, 4323, 4324, or 4326			3
CISA 4311, 4322, 4323, 4324, or 4326			3
CISA 4325 Network Security			3
4311: Project Management			
4322: Information Policy Assurance			
4323: Computer Forensics			
4324: Security Risk Analysis			
4326: Security & Ops Practicum			
ELECTIVE		2 SCH	
		GRD	SCH
BUAD Experiential Learning			
BUAD Experiential Learning			

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Business Administration in Computer Information Systems
Project Management Concentration
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)		42 SCH	
	Grd	SCH	
(010) COMMUNICATION			
ENGL 1301 Composition I		3	
ENGL 1302 Composition II		3	
(020) MATHEMATICS			
MATH 1314 or 1324		3	
(030) LIFE AND PHYSICAL SCIENCE			
Life & Physical Science		3	
Life & Physical Science		3	
(040) LANGUAGE, PHILOSOPHY, AND CULTURE			
Lang/Phil/Culture		3	
(050) CREATIVE ARTS			
Creative Arts		3	
(060) AMERICAN HISTORY			
HIST 1301 American History to 1865		3	
HIST 1302 American History since 1865		3	
(070) GOVERNMENT/POLITICAL SCIENCE			
GOVT 2305 Federal Government		3	
GOVT 2306 Texas Government		3	
(080) SOCIAL AND BEHAVIORAL SCIENCE			
ECON 2301 Macroeconomics		3	
(090) COMPONENT AREA OPTION			
SPCH 1315 Fund of Public Speaking		3	
ECON 2302 Microeconomics		3	
REQUIRED SUPPORT COURSES		12 SCH	
	Grd	SCH	
MATH 1325 Math for Business and Social Sciences II (Business Calculus)		3	
ACCT 2301 Princ of Financial Acct		3	
ACCT 2302 Princ of Managerial Acct		3	
CSCI 1336 Programming Fund I		3	
UNIVERSITY REQUIREMENTS		4 SCH	
	Grd	SCH	
UNIV 1101 Jaguar Tracks 1		1	
UNIV 2101 Jaguar Tracks 2		1	
UNIV 3101 Jaguar Tracks 3		1	
UNIV 4101 Jaguar Tracks 4		1	

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Business Core (Upper Level)		33 SCH	
2.0 overall GPA for major		Grd	SCH
ACCT 3301 Acct for non-Acct Majors			3
BCOM 3304 Business Communications			3
BLAW 3341 Business Law			3
BUAD 3301 Quantitative Methods for Business			3
BUAD 3355 Business Statistics			3
CISA 3356 Systems Analysis and Design			3
FINC 3337 Business Finance			3
MGMT 3311 Principles of Management			3
MGMT 3320 Supply Chain and Ops Mgmt			3
MKTG 3311 Principles of Marketing			3
MGMT 4370 MGMT Decision and Business Policy (to be completed in your last semester only) **			3
Major Courses		30 SCH	
		Grd	SCH
CISA 3351 Database and Design and SQL			3
CISA 3354, 4301, 4302, 4305, 4309, 4335 Programming Language			3
CISA 3354, 4301, 4302, 4305, 4309, 4335 Programming Language			3
CISA 4306 Telecommunications I			3
CISA 4358 Senior Project and Seminar			3
CISA 4321 Information Security			3
Concentration Requirements			
CISA/ MGMT4311 (Project Mgmt)			3
CISA/ MGMT 4312 (Project Risk Mgmt)			3
MGMT 4323 (Total Quality & Lean Management)			3
MGMT 4344 (Organizational Leadership)			3
ELECTIVE		2 SCH	
		GRD	SCH
BUAD Experiential Learning			
BUAD Experiential Learning			

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Business Administration in Finance
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 or 1324		3
(030) LIFE AND PHYSICAL SCIENCE		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY, AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL AND BEHAVIORAL SCIENCE		
ECON 2301 Macroeconomics		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
ECON 2302 Microeconomics		3
REQUIRED SUPPORT COURSES	12 SCH	
	Grd	SCH
MATH 1325 Math for Business and Social Sciences II (Business Calculus)		3
ACCT 2301 Princ of Financial Acct		3
ACCT 2302 Princ of Managerial Acct		3
CISA 1305 Business Computer Appl		3
UNIVERSITY REQUIREMENTS	4 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Business Core (Upper Level)	33 SCH	
2.0 overall GPA for major	Grd	SCH
ACCT 3301 Acct for non-Acct Majors		3
BCOM 3304 Business Communications		3
BLAW 3341 Business Law		3
BUAD 3301 Quantitative Methods for Business		3
BUAD 3355 Business Statistics		3
CISA 3358 Management Information Systems		3
FINC 3337 Business Finance		3
MGMT 3311 Principles of Management		3
MGMT 3320 Supply Chain and Ops Mgmt		3
MKTG 3311 Principles of Marketing		3
MGMT 4370 MGMT Decision and Business Policy (to be completed in your last semester only) **		3
Major Courses	27 SCH	
2.0 GPA required	Grd	SCH
FINC 3338 Financial Statement Analysis		3
FINC 4331 Investments		3
FINC 4332 OR FINC 4360 Portfolio Mgmt or Options & Futures		3
FINC 4336 OR FINC 4362 FINC Mgmt or Capital Budgeting		3
FINC 4341 Financial Markets & Institutions		3
FINC 4342 International Finance		3
FINC Elective (Advanced)		3
FINC Elective (Advanced)		3
Major Requirements	3 SCH	
ECON 3331 Money & Banking		3
ELECTIVE	2 SCH	
	GRD	SCH
BUAD Experiential Learning		
BUAD Experiential Learning		

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Business Administration in General Business
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 or 1324		3
(030) LIFE AND PHYSICAL SCIENCE		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY, AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL AND BEHAVIORAL SCIENCE		
ECON 2301 Macroeconomics		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fundamentals of Public Speaking		3
ECON 2302 Microeconomics		3
REQUIRED SUPPORT COURSES		
	12 SCH	
	Grd	SCH
MATH 1325 Math for Business and Social Sciences II (Business Calculus)		3
ACCT 2301 Princ of Financial Acct		3
ACCT 2302 Princ of Managerial Acct		3
CISA 1305 Business Computer Appl		3
UNIVERSITY REQUIREMENTS		
	4 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Business Core (Upper Level)	33 SCH	
2.0 overall GPA for major	Grd	SCH
ACCT 3301 Acct for non-Acct Majors		3
BCOM 3304 Business Communications		3
BLAW 3341 Business Law		3
BUAD 3301 Quantitative Methods of Business		3
BUAD 3355 Business Statistics		3
CISA 3358 Management Information Systems		3
FINC 3337 Business Finance		3
MGMT 3311 Principles Of Management		3
MGMT 3320 Supply Chain & Ops Mgmt		3
MKTG 3311 Principles Of Marketing		3
MGMT 4370 MGMT Decision and Business Policy <i>(to be completed in your last semester only) **</i>		3
MAJOR Courses		
	27 SCH	
	Grd	SCH
MGMT 3325 Human Resource Mgmt		3
MGMT 4327 Org Theory & Human Behavior		3
MGMT 4331 Global Management		3
Major Requirements		
Accounting Elective Acct 3314 Cost Managerial Acct recommended		3
ECON 3331 Money & Banking		3
MGMT 4330 Global Purch & Supply Chain Mgmt		3
Business Elective (Advanced)		3
Business Elective (Advanced)		3
Marketing Elective (Advanced)		3
ELECTIVE		
	2 SCH	
	GRD	SCH
BUAD Experiential Learning		
BUAD Experiential Learning		

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Business Administration in International Management
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 or 1324		3
(030) LIFE AND PHYSICAL SCIENCE		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY, AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL AND BEHAVIORAL SCIENCE		
ECON 2301 Macroeconomics		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
ECON 2302 Microeconomics		3
REQUIRED SUPPORT COURSES		
	Grd	SCH
MATH 1325 Math for Business and Social Sciences II (Business Calculus)		3
ACCT 2301 Princ of Financial Acct		3
ACCT 2302 Princ of Managerial Acct		3
CISA 1305 Business Computer Appl		3
UNIVERSITY REQUIREMENTS		
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Business Core (Upper Level)	33 SCH	
2.0 overall GPA for major	Grd	SCH
ACCT 3301 Acct for non-Acct Majors		3
BCOM 3304 Business Communications		3
BLAW 3341 Business Law		3
BUAD 3301 Quantitative Methods of Business		3
BUAD 3355 Business Statistics		3
CISA 3358 Management Information Systems		3
FINC 3337 Business Finance		3
MGMT 3311 Principles Of Management		3
MGMT 3320 Supply Chain & Ops Mgmt		3
MKTG 3311 Principles Of Marketing		3
MGMT 4370 MGMT Decision and Business Policy (<i>to be completed in your last semester only</i>) **		3
MAJOR Courses		
	Grd	SCH
MGMT 3325 (Human Resource Management)		3
MGMT 4327 (Org Theory & Human Behavior)		3
MGMT 4331 (Global Management)		3
Major Requirements		
ECON 3334 (International Economics)		3
BLAW 4344 (International Business Law)		3
FINC 4342 (International Finance)		3
MKTG 4363 (International Marketing)		3
Language Requirements		
Foreign Language		3
Foreign Language		3
ELECTIVE		
	GRD	SCH
BUAD Experiential Learning		
BUAD Experiential Learning		

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Business Administration in Management
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 or 1324		3
(030) LIFE AND PHYSICAL SCIENCE		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY, AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL AND BEHAVIORAL SCIENCE		
ECON 2301 Macroeconomics		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
ECON 2302 Microeconomics		3
REQUIRED SUPPORT COURSES	12 SCH	
	Grd	SCH
MATH 1325 Math for Business and Social Sciences II (Business Calculus)		3
ACCT 2301 Princ of Financial Acct		3
ACCT 2302 Princ of Managerial Acct		3
CISA 1305 Business Computer Applications		3
UNIVERSITY REQUIREMENTS	4 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Business Core (Upper Level)	33 SCH	
2.0 overall GPA for major	Grd	SCH
ACCT 3301 Acct for non-Acct Majors		3
BCOM 3304 Business Communications		3
BLAW 3341 Business Law		3
BUAD 3301 Quant Methods of Business		3
BUAD 3355 Business Statistics		3
CISA 3358 Management Information Systems		3
FINC 3337 Business Finance		3
MGMT 3311 Principles Of Management		3
MGMT 3320 Supply Chain & Ops Mgmt		3
MKTG 3311 Principles Of Marketing		3
MGMT 4370 MGMT Decision and Business Policy (to be completed in your last semester only) **		3
MAJOR Courses	24 SCH	
	Grd	SCH
MGMT 3325 (Human Resource Management)		3
MGMT 4327 (Org Theory & Human Behavior)		3
MGMT 4331 (Global Management)		3
Major Requirements		
MGMT 4323 (Total Quality & Lean Management)		3
MGMT 4326 (Labor Relations & Collective Bargaining)		3
MGMT 4330 (Purchasing & Supply Chain Management)		3
MGMT Elective (Advanced)		3
MGMT Elective (Advanced)		3
ELECTIVE	5 SCH	
	GRD	SCH
BUAD Experiential Learning		
BUAD Experiential Learning		
Business Elective (Advanced)		

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Business Administration in Management
Entrepreneurship Concentration
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 or 1324		3
(030) LIFE AND PHYSICAL SCIENCE		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY, AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL AND BEHAVIORAL SCIENCE		
ECON 2301 Macroeconomics		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
ECON 2302 Microeconomics		3
REQUIRED SUPPORT COURSES	12 SCH	
	Grd	SCH
MATH 1325 Math for Business and Social Sciences II (Business Calculus)		3
ACCT 2301 Princ of Financial Acct		3
ACCT 2302 Princ of Managerial Acct		3
CISA 1305 Business Computer Applications		3
UNIVERSITY REQUIREMENTS	4 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Business Core (Upper Level)	33 SCH	
2.0 overall GPA for major	Grd	SCH
ACCT 3301 Acct for non-Acct Majors		3
BCOM 3304 Business Communications		3
BLAW 3341 Business Law		3
BUAD 3301 Quantitative Methods of Business		3
BUAD 3355 Business Statistics		3
CISA 3358 Management Information Systems		3
FINC 3337 Business Finance		3
MGMT 3311 Principles Of Management		3
MGMT 3320 Supply Chain & Ops Mgmt		3
MKTG 3311 Principles Of Marketing		3
MGMT 4370 MGMT Decision and Business Policy <i>(to be completed in your last semester only) **</i>		3
MAJOR Courses	27 SCH	
	Grd	SCH
MGMT 3325 (Human Resource Management)		3
MGMT 4327 (Org Theory & Human Behavior)		3
MGMT 4331 (Global Management)		3
Concentration Requirements		
MGMT 3370 (Entrepreneurship: Foundations of Business Start-ups)		3
MGMT 3371 (Entrepreneurship: Foundations of Business Startups)		3
MGMT 4371 (Entrepreneurship: Business Plan Development)		3
MGMT 4379 (Entrepreneurship: Special Topics in Entrepreneurship)		3
Upper-Level (Advanced) Business Elective		3
Upper-Level (Advanced) Business Elective		3
ELECTIVE	2 SCH	
	GRD	SCH
BUAD Experiential Learning		
BUAD Experiential Learning		

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Business Administration in Management
Human Resources Concentration
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 or 1324		3
(030) LIFE AND PHYSICAL SCIENCE		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY, AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL AND BEHAVIORAL SCIENCE		
ECON 2301 Macroeconomics		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
ECON 2302 Microeconomics		3
REQUIRED SUPPORT COURSES	12 SCH	
	Grd	SCH
MATH 1325 Math for Business and Social Sciences II (Business Calculus)		3
ACCT 2301 Princ of Financial Acct		3
ACCT 2302 Princ of Managerial Acct		3
CISA 1305 Business Computer Applications		3
UNIVERSITY REQUIREMENTS	4 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Business Core (Upper Level)	33 SCH	
2.0 overall GPA for major	Grd	SCH
ACCT 3301 Acct for non-Acct Majors		3
BCOM 3304 Business Communications		3
BLAW 3341 Business Law		3
BUAD 3301 Quantitative Methods of Business		3
BUAD 3355 Business Statistics		3
CISA 3358 Management Information Systems		3
FINC 3337 Business Finance		3
MGMT 3311 Principles Of Management		3
MGMT 3320 Supply Chain & Ops Mgmt		3
MKTG 3311 Principles Of Marketing		3
MGMT 4370 MGMT Decision and Business Policy (to be completed in your last semester only) **		3
MAJOR Courses	27 SCH	
	Grd	SCH
MGMT 3325 (Human Resource Management)		3
MGMT 4327 (Org Theory & Human Behavior)		3
MGMT 4331 (Global Management)		3
Concentration Requirements		
MGMT 4326 (Labor Relations & Collective Bargaining)		3
MGMT 4341 (Compensation & Benefits)		3
MGMT 4342 (Training & Development)		3
MGMT 4343 (Performance Management)		3
MGMT Elective (4344, 4345, 4346 or 4347)		3
MGMT Elective (4344, 4345, 4346 or 4347)		3
4344: Organizational Leadership 4345: International Human Resources 4346: Seminar in Human Resources 4347: HR Info Sys Management		
ELECTIVE	2 SCH	
	GRD	SCH
BUAD Experiential Learning		
BUAD Experiential Learning		

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Business Administration in Management
Supply Chain Management Concentration
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 or 1324		3
(030) LIFE AND PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY, AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL AND BEHAVIORAL SCIENCE		
ECON 2301 Macroeconomics		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
ECON 2302 Microeconomics		3
REQUIRED SUPPORT COURSES	12 SCH	
	Grd	SCH
MATH 1325 Math for Business and Social Sciences II (Business Calculus)		3
ACCT 2301 Princ of Financial Acct		3
ACCT 2302 Princ of Managerial Acct		3
CISA 1305 Business Computer Appl		3
UNIVERSITY REQUIREMENTS	4 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Business Core (Upper Level) 2.0 overall GPA for major	33 SCH	
	Grd	SCH
ACCT 3301 Acct for non-Acct Majors		3
BCOM 3304 Business Communications		3
BLAW 3341 Business Law		3
BUAD 3301 Quantitative Methods of Business		3
BUAD 3355 Business Statistics		3
CISA 3358 Management Information Systems		3
FINC 3337 Business Finance		3
MGMT 3311 Principles Of Management		3
MGMT 3320 Supply Chain & Ops Mgmt		3
MKTG 3311 Principles Of Marketing		3
MGMT 4370 MGMT Decision and Business Policy (<i>to be completed in your last semester only</i>) **		3
MAJOR Courses	27 SCH	
	Grd	SCH
MGMT 3325 Human Resource Management		3
MGMT 4327 Org Theory & Human Behavior		3
MGMT 4331 International Management		3
Concentration Requirements		
MGMT 4314 OR MKTG 4314 Principles of Business Logistics		3
MGMT 4355 OR MKTG 4355 Channel Marketing		3
MGMT 4323 Total Quality & Lean Management		3
MGMT 4330 Purchasing & Supply Chain Management		3
MGMT 4343 Performance Management		3
MGMT 4311 Project Management		3
ELECTIVE	2 SCH	
	GRD	SCH
BUAD Experiential Learning		
BUAD Experiential Learning		

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Business Administration in Marketing
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 or 1324		3
(030) LIFE AND PHYSICAL SCIENCE		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY, AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL AND BEHAVIORAL SCIENCE		
ECON 2301 Macroeconomics		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
ECON 2302 Microeconomics		3
REQUIRED SUPPORT COURSES		
	12 SCH	
	Grd	SCH
MATH 1325 Math for Business and Social Sciences II (Business Calculus)		3
ACCT 2301 Princ of Financial Acct		3
ACCT 2302 Princ of Managerial Acct		3
CISA 1305 Business Computer Appl		3
UNIVERSITY REQUIREMENTS		
	4 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Business Core (Upper Level) 2.0 overall GPA for major	33 SCH	
	Grd	SCH
ACCT 3301 Acct for non-Acct Majors		3
BCOM 3304 Business Communications		3
BLAW 3341 Business Law		3
BUAD 3301 Quant Methods of Business		3
BUAD 3355 Business Statistics		3
CISA 3358 Mgmt Information Systems		3
FINC 3337 Business Finance		3
MGMT 3311 Principles Of Management		3
MGMT 3320 Supply Chain & Ops Mgmt		3
MKTG 3311 Principles Of Marketing		3
MGMT 4370 MGMT Decision and Business Policy (to be completed in your last semester only) **		3
MAJOR Courses		
	27 SCH	
	Grd	SCH
MKTG 3340 Consumer Behavior		3
MKTG 3341 Marketing Research		3
MKTG 3342 Integrated Mktg Comm		3
MKTG 3343 Digital Marketing		3
MKTG 4361 Marketing Management (must be classified as senior standing) **		3
MKTG 4363 International Marketing		3
MAJOR Requirements		
MKTG Elective (MKTG 3360 Personal Selling is recommended)		3
MKTG Elective		3
MKTG Elective		3
ELECTIVE		
	2 SCH	
	GRD	SCH
BUAD Experiential Learning		
BUAD Experiential Learning		

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

**Bachelor of Science in Computer Science
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II or ENGL 2311 Technical Writing		3
(020) MATHEMATICS		
MATH 2313 Calculus I		3
(030) LIFE AND PHYSICAL SCIENCES		
PHYS 2325 University Physics I		3
PHYS 2326 University Physics II		3
(040) LANGUAGE, PHILOSOPHY, AND CULTURE		
Lang/Phil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL AND BEHAVIORAL SCIENCE		
Social and Behavioral Science		3
(090) COMPONENT AREA OPTION		
MATH 2314 Calculus II		3
MATH 1342 Intro to Statistics		3
Departmental Requirements	7 SCH	
	Grd	SCH
PHYS 2125 University Physics I Lab		1
PHYS 2126 University Physics II Lab		1
MATH 2113 Calculus I Lab		1
MATH 2114 Calculus II Lab		1
MATH Elective: Choose One MATH 3320: Diff Equations, MATH 3340: Linear Algebra, MATH 3370: Discrete Math, MATH 4303: Stat Methods, or MATH 4374: Num Analysis		3
UNIVERSITY REQUIREMENTS	4 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Required Support Courses	15 SCH	
	Grd	SCH
CSCI 1336 Programming Fund I		3
CSCI 1337 Programming Fund II		3
CSCI 2322 Discrete Structures for Computing		3
CSCI 2325 Computer Org and Machine Language		3
CSCI 2326 Programming Fund III		
Major Courses		36 SCH
CSCI 3304 Database Systems		3
CSCI 3306 Computer Networks		3
CSCI 3321 Computer Security		3
CSCI 3343 Analysis of Algorithms		3
CSCI 3351 Applications Programming		3
CSCI 3352 Systems Programming		3
CSCI 4316 Software Engineering I		3
CSCI 4317 Software Engineering II		3
CSCI 4344 Computer Architecture		3
CSCI 4362 Operating Systems		3
CSCI 4366 Theory of Prog Languages		3
CSCI 4391 Senior Seminar		3
Electives		16 SCH
Experiential Learning Elective		1
Elective		3
Elective		3
Approved CSCI/CISA Elective		3
Approved CSCI/CISA Elective		3
Approved CSCI/CISA Elective		3

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

COLLEGE OF EDUCATION & HUMAN DEVELOPMENT

Undergraduate Programs

Dr. Eric López, *Dean*
Ms. Christine Moryl, *Administrative Assistant*
Senator Frank L. Madla Building, Room 303
(210)784-2501

DEPARTMENT OF EDUCATOR AND LEADERSHIP PREPARATION

Dr. Velma Villegas, *Interim Department Chair*
Ms. Ana Maria Hernandez, *Administrative Assistant*
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DEPARTMENT OF COUNSELING, HEALTH AND KINESIOLOGY

Dr. Mary Mayorga, *Interim Department Chair*
Ms. Melissa Beene, *Administrative Assistant*
Brooks City Base, Bldg. 775, Room 122
(210)784-2521

The College of Education & Human Development is committed to serving the needs of the region by preparing qualified professionals to assume positions of responsibility and leadership in a global society. Reflective of this mission, the College of Education & Human Development is dedicated to supporting and retaining quality faculty and staff who nurture and optimize student opportunities while simultaneously pursuing high academic, professional and personal standards that promote student achievement and life-long learning. The College of Education & Human Development serves an ethnically diverse population that comprises the university's student base and seeks to work cooperatively with educators from the surrounding area, education service centers, community colleges, community and business leaders, and professional organizations in promoting excellence in education at all levels. Students are expected to uphold the Texas Educator's Code of Ethics as well as the standards of professional organizations in their fields of study.

The College of Education & Human Development offers the Bachelor of Science in Interdisciplinary Studies, the Bachelor of Science in Kinesiology, and various Master's degrees.

Academic Advising

Each undergraduate student is assigned a professional advisor upon entering the University. Students meet with their advisor on a scheduled basis to guide their selected plan of study and to discuss questions or concerns.

Students who are interested in changing majors into any of our elementary, middle school, or secondary certification programs are responsible for meeting with an advisor prior to doing so. Advisors have specific information regarding all program options.

IMPORTANT NOTICE: The following sections provide general information about programs in the College of Education & Human Development. Additional regulations for educator certification may take effect during the years of this catalog and may require changes that could not be foreseen at the time of printing. Changes that become effective in response to rulings by the State Board for Educator Certification, the Texas Education Agency and the Texas Higher Education Coordinating Board may apply to current and prospective students. As the State Board for Educator Certification makes changes in the certification framework, degree plans may be subject to change. Any changes made by the state in interpreting the rulings on educator certification programs in Texas may supersede the requirements of the existing degree plan, certification or deficiency plan, with or without notice in this catalog.

EDUCATOR PREPARATION AND CERTIFICATION

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The Educator Preparation and Certification

The teacher preparation and certification program at Texas A&M University-San Antonio is administered by the College of Education and Human Development. Teacher candidates may choose to work toward certification in the following certification areas:

- Early Childhood through Grade 6 Generalist,
- Grades 4-8 Generalist,
- Early Childhood through Grade 12 Special Education with Highly Qualified area,
- Secondary Content areas, including : 7-12 Math, 7-12 Biology, 7-12 English Language Arts and Reading, 7-12 History, or 7-12 Social Studies Composite,
- Early Childhood through 12 Physical Education, and
- Bilingual Generalist Grades EC-6 or 4-8.

The teacher certification field experience program component is divided into two semesters of field residency requiring 64 clock hours each semester of on-campus structured experience and one semester of student teaching. Field residency assignments are to be completed in pre-arranged collaborating area schools. Student teaching is to be completed during the last semester of study and involves working full days for 16 weeks. . Student teaching begins when assigned school district classes begin, Fall or Spring, rather than when University classes begin. Field-Residency and Student Teaching placements are not offered during the summer sessions. The student teaching residency in the last semester consists of at least 640 hours.

All coursework for the degree and field residency I and II courses must be successfully completed before the unpaid student teaching assignment. In addition, all candidates must have successfully passed the TExES state content exam in their area of certification in order to be eligible for student teaching. All-level student teaching placements for Physical Education and Special Education candidates will be equally divided between elementary and middle school/ high school during the student teaching semester. Student teaching placements for Special Education EC-12 candidates that have a highly qualified area included on their degree plan may be split between a Special Education placement and a placement in their highly qualified area. There are no student teaching exemptions.

Degree Plans

Students declaring EC-6, 4-8, or EC-12 Interdisciplinary Studies as a major should schedule an appointment with a College of Education & Human Development advisor to plan and develop their degree/certification plan. Secondary students must meet with the Arts & Science Academic Advisor for degree plan requirements. After the advisor and student sign the degree plan, it then becomes the official plan that the student follows to graduation in accordance with university policy, provided that the student remains continuously enrolled at A&M-San Antonio. Students are considered to be continuously enrolled when they complete at least one course at A&M-San Antonio every 12 months. Students who break enrollment for more than 12 months will be required to sign a new degree plan reflecting current program requirements.

Changes and course substitutions to the degree plan must be approved by the student's Advisor, Department Chair, and College Dean. Changes may also occur when the State Board for Education Certification or the Texas Education Agency mandates changes in the teacher preparation program or certification areas.

Educator Certification in Texas

The Educator Preparation and Certification Center is governed by Texas Administrative Code rules and monitored for quality by the Texas Education Agency (TEA) Division of Educator Standards. The Educator Preparation and Certification Center is responsible for implementing current rules and best practices in the preparation of highly effective teacher candidates. The State Board for Educator Certification oversees all aspects of the preparation,

certification and standards of conduct of the teacher preparation program.

The Initial Standard Certificate

The initial certificate for beginning teachers may be obtained by completion of an appropriate undergraduate program culminating in a Bachelor's degree. A student seeking initial certification is required to have a minimum cumulative grade point average of 2.75 on all college work attempted plus a minimum 2.75 gpa in courses constituting the teaching field and delivery system (Bilingual Education, Early Childhood Education, Special Education, etc.)

In order to be recommended for initial certification, all teacher candidates are required to achieve a satisfactory level of performance on the Texas Examinations of Educator Standards (TExES) content area and Pedagogy and Professional Responsibilities (PPR). To meet state requirements, all coursework including field residencies, student teaching and degree awarded, must be completed. Candidates are required to pass specific state exams according to their area of certification. Information regarding required exams for each certification area is available through the College of Education and Human Development.

Areas and Levels of Certification

The State Board for Educator Certification (SBEC) has approved subject areas and grade levels for certification available in Texas. Standards describing the knowledge and skills that a beginning teacher must demonstrate prior to certification have been developed for each certificate. It is important to be aware that rules, procedures and requirements for initial teacher certification may change during the course of a candidate's program due to changes at the state level, accountability requirements or program enhancement purposes. The Educator Preparation and Certification program at Texas A&M-San Antonio is reviewed by an Education Advisory committee composed of community stakeholders which meets twice a year to review program results, goals and improvement activities. For the years covered by this catalog, beginning teachers will be certified under the certification structure described below.

Standard Certificates for Early Childhood-Grade 6 Generalist and Grades 4-8 Generalist

An undergraduate student seeking a certificate to teach in the elementary schools must complete coursework for a Bachelor of Science degree in Interdisciplinary Studies. Requirements include approximately two years of course work in academic foundations courses; a minimum of 9 semester hours of science, 9 semester hours of mathematics and 6 semester hours of Reading; 48 semester hours in an interdisciplinary academic major consisting of subjects taught in the elementary grades with 24 semester hours in one or more subject areas or 18 semester hours in a delivery system (Bilingual Education-Spanish, Early Childhood Education, Special Education); 2 semester hours of field residency courses combined for at least 128 clock hours of field work, and 6 semester hours of student teaching.

Texas A&M-San Antonio offers teacher candidates a Bachelor of Science degree in Interdisciplinary Studies with the exception of secondary certification. Secondary certification candidates will pursue a bachelor's degree in a major in the School of Arts and Sciences. Certification areas include:

- **Generalist (Grades EC-6):** For students wishing to teach primary and elementary age students in the general education classroom.
- **Bilingual Generalist (Grades EC-6):** For students wishing to teach primary and elementary age students in the bilingual education classroom.
- **Generalist (Grades 4-8) with or without Content Specialization Option:** For students wishing to teach middle level age students in the general education classroom. Students have the option of graduating with a content specialization meeting highly qualified expectations at the middle school level for specific content areas (i.e., Math, Science, Social Studies, English/Language Arts).
- **Bilingual Generalist (Grades 4-8) with or without Content Specialization Option:** For students wishing to teach middle level age students in the bilingual classroom. Students have the option of graduating with a content specialization meeting highly qualified expectations at the middle school level for specific content areas (i.e., Math, Science, Social Studies,

English/Language Arts).

- **Special Education (Grades EC-12) with Highly Qualified Area in Grades EC-6, 4-8 or 7-12/8-12 content specialization:** For students wishing to teach special education students in PreK-12 settings. Students have the option of graduating with the Special Education (EC-12) and a Highly Qualified area.
- **Physical Education (Grades EC-12) :** For students wishing to teach physical education students in PreK-12
- **Grades 7-12 Certification Areas:** For students wishing to teach specific content areas (Math, Biology, Social Studies, English/Language Arts, or History) in a grades 7-12 setting. Students seeking to teach in these fields must meet with the College of Arts & Sciences Academic Advisors for additional coursework requirements for teacher education minors.

Standard Certificate for Grades 7-12/8-12

The College of Arts & Sciences has various majors offered that lead to teaching certification. To earn certification the student must spend approximately two years in academic foundations courses; approximately 48 semester hours in selected teaching fields; 18 semester hours in professional development courses; 3 hours in Reading, 2 semester hours of field residency combined for 128 clock hours of field work, and 6 semester hours in student teaching. For further information, students should contact their Academic Advisor in the College of Arts and Sciences.

Standard Certificate for Grades EC-12

A student seeking a certificate to teach a special subject at all grade levels in Texas schools must complete the work for a Bachelor of Arts or Bachelor of Science degree consisting of approximately two years of course work in academic foundations courses; the required course work in the subject area, including specific courses at both the elementary and secondary levels; and the required professional education courses at the elementary and secondary levels. Texas A&M University-San Antonio offers the all-level certificate in both Special Education and Physical Education. For further information students should contact their Academic Advisor for information on offering majors that lead to certification.

Supplemental Endorsements

Supplemental Endorsements attach to some initial certificates in the elementary, secondary or all-level certification areas. Texas A&M University-San Antonio offers an ESL endorsement within specific degree plans.

Non-Certification Degrees: Bachelor of Applied Arts and Sciences in Interdisciplinary Studies (BAAS), Bachelor of Science in Interdisciplinary Studies (BSIDS) in Elementary Studies, and Kinesiology (Exercise Science & Pre-Physical Therapy)

The College of Education & Human Development offers four non certification undergraduate degree options. Both the Bachelor of Applied Arts and Sciences (BAAS) and Bachelor of Sciences in Interdisciplinary Studies (BSIDS) are designed for students who would like to pursue areas of study that involve working with local and state community agencies. The Bachelor of Science degree in Kinesiology (Exercise Science/Pre-Physical Therapy) is designed for students wishing to pursue health-, exercise-, physical therapy- or movement-related careers outside of the public school setting. Students should contact their Academic Advisor in the College of Education & Human Development for more information.

The Standard Professional Certificate

In order to be approved for a professional certificate, all certification candidates must achieve a satisfactory level of performance on the Texas Examinations of Educator Standards (TExES) content area, practicum and all coursework and certification requirements.

Highly Qualified

In order to be Highly Qualified to teach a specific content area in grades 6-8, students must take additional hours in one of the following: Math, Science, English/Language Arts, or Social Studies. To teach a specific content at the

secondary level, a student must complete a minimum of 24 content hours (12 of which must be upper level).

English and Language Arts

- ENGL 3300 Special Topics in Writing
- ENGL 3350 Intro to Adv Literature
- ENGL 3373 Children's Literature
- ENGL 4312 Advanced Composition
- ENGL 4385 Studies in Cultural Literatures
- ENGL 4392 Teaching English

Mathematics

- MATH 1342 Elementary Statistics
- MATH 2312 Pre-Calculus
- MATH 2313 and MATH 2113 Calculus I
- MATH 3325 Intro to Math Proofs
- MATH 3340 Linear Algebra
- MATH 3360 Modern Geometry
- MATH 3350 Probability and Statistics for Teachers

Science

- Natural Science (Lower Level)
- GEOL 2000 (Any Geology)
- ADVANCED (3000 or 4000 Level)
- ADVANCED (3000 or 4000 Level)
- ADVANCED (3000 or 4000 Level)
- ADVANCED (3000 or 4000 Level)

Social Studies

- HIST 4330 Colonial Am to 1763
- HIST 4331 Am Rev & Early Rep
- HIST 4334 Civil War & Reconstruction
- HIST 4351 Latin America I: Colonial Era
- HIST 4361 African American History
- POLS 4331 Constitutional Law I

EDUCATOR PREPARATION AND CERTIFICATION

Important Notice: For state approved programs leading to certification, as the state implements new requirements for certification, changes at the state level become compulsory at the time required with or without notice in this catalog. Students are required to abide by state rules and best practices which include fingerprint clearance and criminal background check.

In addition to university admission acceptance, students interested in the certification program must apply and be accepted into the Educator Preparation and Certification program and continue to meet the requirements established in the GATEWAYS: Ready Day One transition points.

Gateway 1

To be admitted to the teacher education program (Gateway 1) students must:

1. Complete 60 or more semester hours of study including all courses identified on a deficiency plan (when applicable)
2. Submit an Educator Preparation and Certification program application during enrollment period;
3. have a cumulative grade point average of 2.75 or better, including all transfer courses. A 2.75 GPA must be maintained to stay in the certification program. Additionally, the student must have a 2.75 GPA in the teaching field content area to participate in student teaching.
4. Complete the following core courses with "C" or better: ENGL 1301, ENGL 1302, HIST 1301, HIST 1302, MATH 1314 or higher, SPCH 1315 or equivalent, and an additional college level Math and two college level Sciences. Students must also complete EDED 1301 or EDED 3370 or approved substitute course. Secondary education students (4-8 or 7-12 content area certifications) must also complete 12 hours in content area.
5. Submit a current degree plan signed by an Academic Education Advisor within the last 6 months and current Jaguar transcript with GPA and transfer courses listed.
6. Have established minimum scores on a state approved test in reading, mathematics and writing. Approved tests include the THEA, Accuplacer (taken within the past 3 years), and ACT or SAT (taken within the past
7. 5 years) unless the students meet TSI-exemption requirements by possessing an associate's degree from an accredited college. Official documentation must be provided for all test scores or exemption status.
8. Demonstrate written proficiency in the English language through the submission of a writing sample.
9. Submit signed disclosure and consent forms required for participation in field experiences and student teaching. Schools participating in the field residency program will require criminal background checks on A&M-San Antonio students interacting on a daily basis with school-age students. Applicants for a Texas teaching certificate must report any previous arrest, indictment, conviction and/or deferred adjudication to the Texas Board for Educator Certification. SBEC requires fingerprinting to verify a nationwide criminal history background check. An applicant with a criminal history may be denied certification.
10. Complete the Personal & Professional Attributes Self-Evaluation.
11. Participate in an interview to assess personal and professional attributes.
12. Complete the practice test for the content area in which certification is being sought.
13. Upload any Key Critical Assignments complete in prior courses.
14. Bilingual Education students must have participated in the language proficiency screening assessment administered by the bilingual program faculty or pass the BTLPT in order to participate in student teaching.

Two faculty reviewers will interview the student and review evidence of the student having met the admission requirements. Students will be scored on a rubric that rates the candidate in the following areas. A minimum score of 15 is needed to be recommended for admission to the Educator Preparation Program.

- Ability to Communicate Effectively: Speech, Writing, Listening & Presentation Skills
- Deep Knowledge of Content: What to teach all students
- Personal Motivation & Responsibility: Accepts responsibility for working with all students (individually, culturally and linguistically diverse)

- Ability to Build Authentic Relationships: Create an atmosphere of respect and rapport
- Ethical & Legal Behavior: High expectations of behavior and performance for self, colleagues and students

Fitness to Teach referrals are evidence considered by the committee when scoring. Applicants with Fitness to Teach referrals on file or who have had support services recommended to them are encouraged to provide documentation that illustrates how concerns have and are being addressed.

Additional Gateway Requirements

After admission to the Educator Preparation and Certification program at Gateway 1, student performance will continue to be benchmarked at Gateway 2, 3 & 4. Students must successfully complete the requirements for each Gateway transition point before moving forward in the program towards graduation.

Gateway 2 (Midpoint Review)

1. Provide evidence of Test Prep Activities
2. Successfully complete all Field Residency 1 requirements
3. Upload all Key Critical Assignments
4. Provide evidence of recommended support services efforts

Gateway 3 (Student Teaching)

1. Receive a passing score for the appropriate content area exam
2. Maintain an overall GPA of 2.75
3. Successfully Complete all Field Residency 2 Requirements
4. Submit an updated Professional Attributes Self-Evaluation
5. Submit Mentor Teacher and Supervisor Disposition evaluation
6. Complete the Student Teaching Application
7. Upload all Key Critical Assignments
8. Successfully complete all prerequisite courses for Student Teaching as identified on the degree plan

Gateway 4 is our Program Exit & Graduation

1. Successfully complete all Student Teaching requirements
2. Submit an updated Professional Attributes Self-Evaluation
3. Submit Mentor Teacher & Supervisor Disposition Evaluation
4. Complete a final degree check with an advisor

Students must maintain a 2.75 or better grade point average to remain in the Educator Preparation and Certification program. All education courses must be of a grade of “C” or better. Students must fulfill requirements listed above, complete all methods courses and both field residency semesters, and pass the state content exam in their area of certification in order to be eligible to enroll in Student Teaching. Students must be accepted to the program in order to progress to the second semester of field residency.

Field Residency

Field Residency is a required component of the teacher preparation and certification program.

Through mentoring, model teaching, professional development, and internships, students will have an opportunity to exercise and refine the skills learned from the university course work and educational program. Students will also have an opportunity to develop their own unique teaching style and practice the methods and strategies that are effective in helping students learn.

Pre-service teachers at A&M-San Antonio have a choice of pathways in which to complete field residency requirements. Prior to the first semester of the field residency experience, students may choose the “Ready from Day One-Cohort” or the “Ready from Day One-Flex” model pathway.

“Ready from Day One” is the signature teacher preparation program developed in collaboration with university representatives, area superintendents, central office staff, principals and best practice teachers to develop an innovative approach to teacher preparation. The model that emerged is designed to enable teacher candidates to be prepared and effective on their very first day of employment – ready from day one.

To be eligible to register for field residency, a student must complete and submit a Field Residency application with required documentation to the College of Education and Human Development during the enrollment period. Upon approval, school districts and the College will make candidate placements. The process for placement begins with an orientation conducted by the Educator Preparation and Certification Center and completing and submitting a criminal background check for placement at the orientation for the school district in which the candidate has been placed.

Student Teaching

The student teaching semester is a full-time commitment. Student teaching is 16 weeks with time divided between school campuses and A&M-San Antonio. A student teacher must follow the same schedule as the cooperating teacher for a full semester. Students are expected to plan their academic programs, by registering for no more than 6 hours during their last semester. Any additional course hours must be approved by the College. As described in Gateway 3, to be eligible to register for student teaching, students must:

- Have been officially admitted to the Educator Preparation and Certification program in the College of Education & Human Development
- Have completed and submitted the Student Teaching application during enrollment period
- Have passed the TExES state exam in their content area prior to student teaching
- Have a cumulative grade point average of a minimum of 2.75 overall (transfer and Texas A&M-San Antonio work) and a minimum of 2.75 average or better in the teaching field(s) and/or delivery systems
- Have completed all education courses (except EDFR 4613 Elementary Student Teaching and EDFR 4623 Secondary/All-level Student Teaching).
- Students with financial aid may take enough courses to maintain aid funding.
- For special circumstances, contact the College.
- Have submitted the Criminal Background Check prior to Student Teaching. Texas public schools are permitted by state law to conduct criminal history background checks on a person intended for hire or a person who has requested a volunteer position. An applicant with a criminal history may be denied student teaching

Teacher Certification Requirements

Students are required to participate in test preparation activities during Field Residency I.

Prior to taking the actual TExES state exams, students must be accepted into the Educator Preparation and Certification program. It is required that students admitted in the certification program, take the actual TExES State Content Exam in their area of certification prior to student teaching. State exams are administered by Educational Testing Service (ETS) with a test fee.

In order to be recommended for initial certification, all teacher candidates are required to achieve a satisfactory level of performance on the Texas Examinations of Educator Standards (TExES) content area and Pedagogy and Professional Responsibilities (PPR), complete all coursework including field residency and student teaching and degree awarded to meet all certification requirements. For additional information on certification requirements, visit the teacher certification website: <http://www.tamusa.edu/collegeofeducationandhumandevelopment/epcc/ugtcp/teachercertification.html>.

Fitness to Teach

Note: The College of Education and Human Development will not recommend students for certification who do not meet qualifying criteria. Admission to the program does not guarantee fitness to remain in the program. Only those students who meet program standards will be allowed to continue in the program. Students pursuing an initial teacher's certification must meet fitness to teach standards that are assessed by faculty and program staff throughout the program. These standards include demonstration of emotional and mental fitness in their interaction with others as well as conformance with the code of professional educator ethics of the state of Texas. Students who fail to demonstrate fitness or conformance to appropriate codes may be asked to enter into a remediation plan in order to remain in the program. If a remediation plan is developed, students must demonstrate satisfactory remediation prior to being allowed to proceed toward graduation. In rare cases, a student's ability to practice may exceed remediation and removal from the program is possible.

**Bachelor of Science in Community Health
2016-2017 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 College Algebra		3
(030) LIFE & PHYSICAL SCIENCES		
BIOL 1306 General Biology I		3
BIOL 1307 General Biology II		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Language/Philosophy/Culture		3
(050) CREATIVE ARTS		
ARTS 1301 Art Appreciation		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1877		3
HIST 1302 American History Since 1877		3
(070) GOVERNMENT /POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL/BEHAVIORAL SCIENCE		
PSYC 2301 Introduction to Psychology		3
(090) COMPONENT AREA OPTION		
SOCI 1301 Principals of Sociology or SOCI 1306 Social Problems		3
SPCH 1315 Fund of Public Speaking or SPCH 1318 Interpersonal Communication		3
Required Support Courses		
	24 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
EDHL 1322 Nutrition		3
EDKN 1306 First Aid		3
EDKN 1304 Personal/Community Health		3
BIO 2401 Anatomy & Physiology I		4
BIO 2402 Anatomy & Physiology II		4
BIOL 1106 General Biology I lab		1
BIOL 1107 General Biology II lab		1
Fitness Activity: Choose 1 course from:		1
EDKN 1101 Jogging		
EDKN 1102 Weight Training		
EDKN 1103 Cardio Dance		

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Major Courses	45 SCH	
	Grd	SCH
EDHL 3331 Consumer Health		3
EDHL 3333 Human Growth, Dev, & Sexual		3
EDHL 3335 Drug Education		3
EDKN 3445 Meas/Eval in Kinesiology		4
EDKN 4328 Internship		3
EDKN 4334 Res Project in Ex Science		3
EDHL 4337 Disease Entities & Epidemiology		3
EDHL 4342 Program Plan for Health Promo		3
EDHL 4344 Health & Aging		3
Support (Choose from options below)		3
Support (Choose from options below)		3
Support (Choose from options below)		3
Support (Choose from options below)		3
Support (Choose from options below)		3
Support (Choose from options below)		3
Support Course Options		
EDHL 3381 Community Health		
EDHL 3308 Elem & Sec School Health		
EDKN 3316 Medical Terminology		
EDKN 3326 Basic Physiology of Exercise		
EDKN 3332 Prog Dev/Mgmt Fitness Ind		
EDKN 4401 Exercise Testing & Prescription		
EDKN 4324 Exer & Chron Dis/Disabilities		
EDKN 4417 Adv Physiology of Exercise		
ELECTIVES		
As needed to complete 120 credit hours	Grd	SCH

**120 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED HOURS REQUIRED FOR DEGREE
25% ADVANCED HOURS FROM A&M-SA FOR RESIDENCY**

**Bachelor of Science in Interdisciplinary Studies
Bilingual Generalist (Grades EC-6)
2016-2017 Degree Plan**

Core Curriculum (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 College Algebra		3
(030) LIFE & PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Language/Philosophy/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL/BEHAVIORAL SCIENCE		
Social & Behavioral Science		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
Component Option Course from Approved List		3
Other Required Courses	19-20 SCH	
	Grd	SCH
EDED 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
ADDITIONAL Life & Physical Science		3-4
MATH 1350 Fundamentals of Math I		3
MATH 1351 Fundamentals of Math II		3
EDBL 4307 Acad Spanish for Dual Lang Immer Pr		3
Recommended that all courses above be completed before Field Residency I Semester. AAT Completion Highly recommended.		

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Completion of this degree plan requires admission to the Educator Preparation and Certification program and successful completion of required field residencies and student teaching.

Completion of 45 hours; ENGL 1301, ENGL 1302, MATH 1314, HIST 1301, HIST 1302, EDUC 1301, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics; and an official degree plan on file.

Major Courses	62 SCH	
	Grd	SCH
Courses are listed in suggested order of completion		
"C" or higher required in EDXX courses		
EDBL 3311 Survey of Bilingual Education		3
EDSE 3345 Survey of Exceptional Children		3
EDRG 3315 Early Lit Instruction		3
EDEC 3303 Child & Adol. Dev. as it Imp Instruc.		3
HIST 2301 Texas History		3
EDED 3308 Ed Media and Technology		3
EDBL 3315 Sec Lang Acq Lit Dev for ELL		3
EDRG 3389 Teaching Rdg Inter & Mid Grades		3
EDBL 3340 Applied Linguistics		3
EDBL 3320 Tests/Measures in Bilingual / ESL		3
EDBL 3321 Meths of Teaching Eng to Non-Eng		3
EDED 3348 Classroom Management-Elem		3
EDBL 4318 Tchg Lang Arts, Soc St, Music		3
EDFR 3110 Field Residency I		1
EDEC 3349 Acad, Creativity, Play		3
EDBL 4322 Tchg Math, Science, Art		3
EDBL 3327 Multicultural & Multilingual Edu		3
EDED 4309 Legal & Ethical Issues in Educ		3
EDRG 4331 Clsrn Reading Assess/Remed		3
EDFR 3120 Field Residency II		1
EDFR 4613 Student Tchng: Field Residency III		6
** Internship (Unpaid) semester at A&M-SA**		

NOTE: For state approved programs leading to certification, as the state implements new requirements for certification, changes at the state level become compulsory at the time required with or without notice. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes. Catalog and Degree Plans expire in 5 years.

SPED Endorsement Option: In order to add the Special Education Supplement to certification areas prior to graduation a student must complete the following courses – EDSE 3347, EDSE 3348, EDSE 4340, EDSE 4346, and EDSE 4347

Additional Department Spanish Language Proficiency Test Requirement (See Bilingual Education Faculty)

Bilingual Majors have the option to obtain an ESL Endorsement. See the College of Education and Human Development for test requirements.

Students who do not meet teacher preparation and certification requirements may be required to switch to a non-certification degree program.

**123-124 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
25% ADVANCED HOURS FROM A&M-SA FOR RESIDENCY**

**Bachelor of Science in Interdisciplinary Studies
Bilingual Generalist (Grades 4-8)
2016-2017 Degree Plan**

Core Curriculum (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 College Algebra		3
(030) LIFE & PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Language/Philosophy/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL/BEHAVIORAL SCIENCE		
Social & Behavioral Science		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
Component Option Course from Approved List		3
Required Support Courses	19-20 SCH	
	Grd	SCH
EDED 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
ADDITIONAL Life & Physical Science		3-4
MATH 1350 Fundamentals of Math I		3
MATH 1351 Fundamentals of Math II		3
EDBL 4307 Acad Spanish for Dual Lang Immer Pr		3
Recommended that all courses above be completed before Field Residency I Semester. AAT Completion Highly recommended.		

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Students who do not meet teacher preparation and certification requirements may be required to switch to a non-certification degree program.

Completion of this degree plan requires admission to the Educator Preparation and Certification program and successful completion of required field residencies and student teaching.

Completion of 45 hours; ENGL 1301, ENGL 1302, MATH 1314, HIST 1301, HIST 1302, EDUC 1301, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics; and an official degree plan on file.

Major Courses	62 SCH	
Courses are listed in suggested order of completion		
"C" or higher required in EDXX courses	Grd	SCH
EDBL 3311 Survey of Bilingual Education		3
EDSE 3345 Survey of Except. Children		3
EDRG 3315 Early Lit. Instruction		3
EDED 3303 Knowl of Pedagogy & Assessment		3
HIST 2301 Texas History		3
EDED 3308 Ed. Media and Technology		3
EDBL 3315 Sec Lang Acq. Lit Dev for ELL		3
EDRG 3389 Teach Rdg Inter & Middle Grades		3
EDBL 3340 Applied Linguistics		3
EDBL 3320 Tests/Measures in Bilingual / ESL		3
EDBL 3321 Meths of Teach Eng to Non-Eng		3
EDED 3358 Classroom Mgmt MS/SEC (FB)		3
EDBL 4318 Tch Lang Arts, Soc St, Mus (Dual)(FB)		3
EDFR 3110 Field Residency I		1
EDED 3357 English/Language Art MS/SEC		3
EDBL 4322 Tch Math, Science, Art (Dual) (FB)		3
EDBL 3327 Multicultural & Multilingual Educ		3
EDED 4309 Legal & Ethical Issues in Educ		3
EDRG 4331 Reading Assess & Intervention		3
EDFR 3120 Field Residency II		1
EDFR 4613 Student Teaching Field Resid III ***Internship (Unpaid) semester at A&M-SA***		6

NOTE: For state approved programs leading to certification, as the state implements new requirements for certification, changes at the state level become compulsory at the time required with or without notice. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes. Catalog and Degree Plans expire in 5 years.

SPED Endorsement Option: In order to add the Special Education Supplement to certification areas prior to graduation a student must complete the following courses – EDSE 3347, EDSE 3348, EDSE 4340, EDSE 4346, and EDSE 4347.

Highly Qualified: In order to be Highly Qualified to teach a specific content area in grades 6-8, a student must complete a minimum of 24 content hours (12 of which must be upper level). Students need to see an Academic Advisor for recommended courses in one of the following areas Math, English Language Arts, Science, and Social Studies.

Additional Department Spanish Language Proficiency Test Requirement (See Bilingual Education Faculty)

123-124 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
25% ADVANCED HOURS FROM A&M-SA FOR RESIDENCY

Bilingual Majors have the option to obtain an ESL Endorsement. See the College of Education and Human Development for test requirements.

**Bachelor of Science in Interdisciplinary Studies
Elementary Studies (Non-Certification Plan)
2016-2017 Degree Plan**

Core Curriculum (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 College Algebra		3
(030) LIFE & PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Language/Philosophy/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL/BEHAVIORAL SCIENCE		
Social & Behavioral Science		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
Component Option Course from Approved		3
Required Support Courses	16-17	
	Grd	SCH
EDED 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
ADDITIONAL Life & Physical Science		3-4
MATH 1350 Fundamentals of Math I		3
MATH 1351 Fundamentals of Math II		3

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

120 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
25% ADVANCED HOURS FROM A&M-SA FOR RESIDENCY

MAJOR COURSES	63 SCH	
"C" or higher required in EDXX courses		
	Grd	SCH
HIST 2301 Texas History		3
EDED 3301 Instr. Design and Assessment		3
EDEC 3303 Child & Adol Dev as it Impacts Instr		3
EDED 3308 Methods in Ed. Media & Tech		3
EDBL 3311 Survey of Bilingual Education		3
EDBL 3315 Second Language Acquisition & Lit Dev.for ELL's		3
EDRG 3315 Early Lit Instruction		3
EDSE 3345 Survey of Exceptional Children		3
EDSE 3347 Beh Mgmt for Except Students		3
EDED 3348 Classroom Mgmt for EC/Elem		3
EDSE 3348 Ed Proc for Exceptional Individuals		3
EDEC 3349 Acad, Creativity, Play		3
ADV EDXX Elective		3
ADV EDXX Elective		3
ADV EDXX Elective		3
ADV EDXX Elective		3
ADV EDXX Elective		3
ADV EDXX Elective		3
ADV EDXX Elective		3
ADV EDXX Elective		3
EDXX Elective		3

NOTE: The BSIDS in Elementary Studies degree plan aligns with the EC-6 Generalist and provides individuals with the choice of a Bachelor's of Science degree in Education without teacher certification. In lieu of Field-Residency, students will be given an alternative field assignment.

**Bachelor of Science in Interdisciplinary Studies
Generalist (Grades EC-6)
2016-2017 Degree Plan**

Core Curriculum (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 College Algebra		3
(030) LIFE & PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Language/Philosophy/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL/BEHAVIORAL SCIENCE		
Social & Behavioral Science		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
Component Option Course from Approved List		3
Required Support Courses	16-17 SCH	
	Grd	SCH
EDED 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks I		1
UNIV 2101 Jaguar Tracks II		1
UNIV 3101 Jaguar Tracks III		1
UNIV 4101 Jaguar Tracks IV		1
ADDITIONAL Life & Physical Science		3-4
MATH 1350 Fundamentals of Math I		3
MATH 1351 Fundamentals of Math II		3
Recommended that all courses above be completed before Field Residency I Semester. AAT Completion Highly recommended.		

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Completion of this degree plan requires admission to the Educator Preparation and Certification program and successful completion of required field residencies and student teaching.

Completion of 45 hours; ENGL 1301, ENGL 1302, MATH 1314, HIST 1301, HIST 1302, EDUC 1301, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics; and an official degree plan on file.

Major Courses	62 SCH	
Courses are listed in suggested order of completion	Grd	SCH
"C" or higher required in all EDXX courses		
EDEC 3303 Child & Adol Dev as it Impacts Instr		3
EDRG 3315 Early Lit Instruction		3
EDED 3340 Health & P.E. for EC-Elementary		3
EDSE 3345 Survey of Excep. Children		3
HIST 2301 Texas History		3
EDBL 3315 Second Lang. Acq. & Literacy		3
EDED 3349 Soc Studies Methods EC-Elem		3
EDED 4346 Science Methods EC-Elem		3
EDRG 3389 Tchng Rdg in INT & MID SCHL		3
EDEC 3349 Acad. Creativity & Play (FB)		3
EDSE 3347 Behavior Mgmt for Except.Stds		3
EDBL 3321 Methds for Teach. Eng.toNonEngSp		3
EDED 4347 Math Methods EC-Elem (FB)		3
EDED 3348 Classroom Manag. Elem. (FB)		3
EDFR 3110 Field Lab Residency I		1
EDED 4301 Teaching & Pedagogy for EC/Elem		3
EDED 3347 English/Lang. Arts-Elem.(FB)		3
EDRG 4331 Reading Assess/Intervention		3
EDED 4309 Legal & Ethical Issues in Educ		3
EDFR 3120 Field Lab Residency II		1
EDFR 4613 Student Teaching Field Resid III		6
Internship (Unpaid) semester at A&M-SA		

NOTE: For state approved programs leading to certification, as the state implements new requirements for certification, changes at the state level become compulsory at the time required with or without notice. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes. Catalog and Degree Plans expire in 5 years.

SPED Endorsement Option: In order to add the Special Education Supplement to certification areas prior to graduation a student must complete the following courses - EDSE 3348, EDSE 4340, EDSE 4346, and EDSE 4347

ESL Endorsement Option: requires students to complete an additional three hours by taking EDBL 3320 Test and Measurement in BIL and ESL.

**120-121 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(25% ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

Students who do not meet teacher preparation and certification requirements may be required to switch to a non-certification degree program.

**Bachelor of Science in Interdisciplinary Studies
Generalist (Grades 4-8)
2016-2017 Degree Plan**

Core Curriculum (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 College Algebra		3
(030) LIFE & PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Language/Philosophy/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL/BEHAVIORAL SCIENCE		
Social & Behavioral Science		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
Component Option Course from Approved List		3
Required Support Courses	19-20 SCH	
	Grd	SCH
EDED 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks I		1
UNIV 2101 Jaguar Tracks II		1
UNIV 3101 Jaguar Tracks III		1
UNIV 4101 Jaguar Tracks IV		1
ADDITIONAL Life & Physical Science		3-4
MATH 1350 Fundamentals of Math I		3
MATH 1351 Fundamentals of Math II		3
GEOG 3331 United States & Canada		3
Recommended that all courses above be completed before Field Residency I Semester. AAT Completion Highly recommended.		

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Completion of this degree plan requires admission to the Educator Preparation and Certification program and successful completion of required field residencies and student teaching.

Completion of 45 hours; ENGL 1301, ENGL 1302, MATH 1314, HIST 1301, HIST 1302, EDUC 1301, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics; and an official degree plan on file.

Major Courses	59 SCH	
Courses are listed in suggested order of completion		
"C" or higher required in EDXX courses	Grd	SCH
EDED 3303 Knowl of Ped & Assessment		3
EDSE 3345 Survey of Excep. Children		3
EDED 3308 Methods of Ed. Media & Tech.		3
HIST 2301 Texas History		3
EDBL 3315 Second Lang. Acq. & Literacy		3
EDSE 3347 Behr Mgmt for Except. Stdnts		3
EDED 3321 Meth Teach Eng. To Non Eng. Sp.		3
EDRG 3389 Reading in INT & MS SCH		3
EDRG 3355 Teaching Rdg. Sec. Lvl		3
EDED 4357 Math Methods MS/SEC		3
EDED 3358 Class Manag. MS/SEC		3
EDED 4356 Science Methods MS/Sec		3
EDFR 3110 Field Lab Residency I		1
EDED 3357 English/LangArts MS/SEC		3
EDED 4311 Teaching & Pedagogy MS/SEC		3
EDED 4309 Legal & Ethical Issues in Educ		3
EDRG 4331 Reading Assessment/Intervention		3
EDED 3359 Soc.Stu.Methds MS/SEC (FB)		3
EDFR 3120 Field Lab Residency II		1
EDFR 4613 Student Teaching: Field Resid III **** Internship (Unpaid) semester at A&M-SA****		6

NOTE: For state approved programs leading to certification, as the state implements new requirements for certification, changes at the state level become compulsory at the time required with or without notice. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes. Catalog and Degree Plans expire in 5 years.

SPED Endorsement Option: In order to add the Special Education Supplement to certification areas prior to graduation a student must complete the following courses - EDSE 3348, EDSE 4340, EDSE 4346, and EDSE 4347

Highly Qualified: In order to be Highly Qualified to teach a specific content area in grades 6-8, a student must complete a minimum of 24 content hours (12 of which must be upper level). Students need to see an Academic Advisor for recommended courses in one of the following areas Math, English Language Arts, Science, and Social Studies.

ESL Endorsement Option: requires an additional three hours by taking EDBL 3320 Test and Measurement in BIL and ESL.

120-121 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(25% ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)

Students who do not meet teacher preparation and certification requirements may be required to switch to a non-certification degree program.

**Bachelor of Science in Interdisciplinary Studies
Special Education (Grades EC-12) with Dual Certification in Generalist (Grades EC-6)
2016-2017 Degree Plan**

Core Curriculum (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 College Algebra		3
(030) LIFE & PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Language/Philosophy/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL/BEHAVIORAL SCIENCE		
Social & Behavioral Science		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
Component Option Course from Approved List		3
Required Support Courses	13 SCH	
	Grd	SCH
EDED 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
MATH 1350 Fundamentals of Math I		3
MATH 1351 Fundamentals of Math II		3
***Recommended that all courses above be completed before Field Residency I Semester. AAT Completion Highly		

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Completion of this degree plan requires admission to the Educator Preparation and Certification program and successful completion of required field residencies and student teaching.

Completion of 45 hours; ENGL 1301, ENGL 1302, MATH 1314, HIST 1301, HIST 1302, EDUC 1301, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics; and an official degree plan on file.

Students who do not meet teacher preparation and certification requirements may be required to switch to a non-certification degree program.

Major Courses	68 SCH	
Courses are listed in suggested order of completion	Grd	SCH
"C" or higher required in EDXX courses		
EDEC 3303 Child/Adol Dev as it Impacts Instr		3
EDRG 3315 Foundations of Early Literacy		3
EDED 3340 Health & PE for EC-Elem		3
EDSE 3345 Survey of Exceptional Children		3
HIST 2301 Texas History		3
EDED 3349 Social Studies Methods EC/Elem		3
EDED 4346 Science Methods EC/Elem		3
EDRG 3389 Teaching Rdg in INT & MID Sch		3
EDSE 3346 Dev. of Exceptional Individuals		3
EDSE 3347 Beh. Mgt. for Except. Students		3
EDBL 3321 Meth for Tch. Eng-Non-English		3
EDEC 3349 Acad, Creativity, Play		3
EDED 3347 Eng/LA Mth EC/Elem		3
EDSE 3348 Ed Proc for Exceptional Ind		3
EDED 3348 Classroom Mgt. for EC-ELEM		3
EDSE 4340 Collab & Transition		3
EDFR 3110 Field Residency I		1
EDED 4309 Legal & Ethical Issues in Educ		3
EDED 4347 Math Mthds EC/ELEM		3
EDSE 4346 Assessment of Except Students		3
EDSE 4347 Federal & State Regulations		3
EDFR 3120 Field Residency II		1
EDFR 4613 Student Teaching Field Residency III		6
** Internship (Unpaid) semester at A&M-SA**		

NOTE: For state approved programs leading to certification, as the state implements new requirements for certification, changes at the state level become compulsory at the time required with or without notice. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes. Catalog and Degree Plans expire in 5 years.

ESL Endorsement Option: requires students to complete an additional 6 additional hours by taking EDBL 3315 Second Language Acquisition and EDBL 3320 Test and Measurement in BIL and ESL.

123-124 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(25% ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)

Bachelor of Science in Interdisciplinary Studies
Special Education (Grades EC-12) with Dual Certification in Generalist (Grades 4-8)
2016-2017 Degree Plan

Core Curriculum (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 College Algebra		3
(030) LIFE & PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Language/Philosophy/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL/BEHAVIORAL SCIENCE		
Social & Behavioral Science		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
Component Option Course from Approved List		3
Required Support Courses	13 SCH	
	Grd	SCH
EDED 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
MATH 1350 Fundamentals of Math I		3
MATH 1351 Fundamentals of Math II		3
***Recommended that all courses above be completed before Field Residency I Semester. AAT Completion Highly		

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Completion of this degree plan requires admission to the Educator Preparation and Certification program and successful completion of required field residencies and student teaching.

Completion of 45 hours; ENGL 1301, ENGL 1302, MATH 1314, HIST 1301, HIST 1302, EDUC 1301, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics; and an official degree plan on file.

Students who do not meet teacher preparation and certification requirements may be required to switch to a non-certification degree program.

Major Courses	65 SCH	
Courses are listed in suggested order of completion		
"C" or higher required in EDXX courses	Grd	SCH
EDEC 3303 Child/Adol Dev as it Impacts Inst		3
EDED 3340 Health and P.E. for EC/Elem		
EDRG 3315 Foundations of Early Literacy		3
EDSE 3345 Survey of Exceptional Children		3
HIST 2301 Texas History		3
EDRG 3389 TeachReading in INT & MS Sch		3
EDSE 3346 Dev. of Exceptional Individuals		3
EDSE 3347 Beh. Mgt for Except. students		3
EDSE 3348 Ed. Proc for Exceptional Ind.		3
EDSE 4340 Collab.&Trans. Incl. Settings		3
EDBL 3321 Meth for Tch. English - Non Eng.		3
EDED 3357 Eng/LA Mth MS/Sec		3
EDED 3358 Classroom Mgt. for MS/Sec		3
EDED 3359 Social Studies Methods MS/Sec		3
EDSE 4346 Assessment of Except Students		3
EDFR 3110 Field Residency I		1
EDED 4309 Legal & Ethical Issues in Educ		3
EDED 4356 Science Mthds MS/Sec		3
EDED 4357 Math Mthds MS/Sec		3
EDSE 4347 Federal & State Regulations		3
EDFR 3120 Field Residency II		1
EDFR 4613 Student Teaching: Field Resid III		6
** Internship (Unpaid) semester at A&M-SA**		

NOTE: For state approved programs leading to certification, as the state implements new requirements for certification, changes at the state level become compulsory at the time required with or without notice. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes. Catalog and Degree Plans expire in 5 years.

Highly Qualified: In order to be Highly Qualified to teach a specific content area in grades 6-8, a student must complete a minimum of 24 content hours (12 of which must be upper level). Students need to see an Academic Advisor for recommended courses in one of the following areas Math, English Language Arts, Science, and Social Studies.

ESL Endorsement Option: requires students to complete an additional 6 additional hours by taking EDBL 3315 Second Language Acquisition and EDBL 3320 Test and Measurement in BIL and ESL.

120 CREDIT HOURS REQUIRED FOR DEGREE
 45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
 (25% ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)

**Bachelor of Science in Interdisciplinary Studies
Special Education (Grades EC-12) with 7-12 Content
2016-2017 Degree Plan**

Core Curriculum (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 College Algebra		3
(030) LIFE & PHYSICAL SCIENCES		
Life & Physical Science		3
Life & Physical Science		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Language/Philosophy/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL/BEHAVIORAL SCIENCE		
Social & Behavioral Science		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
Component Option Course from Approved List		3
Required Support Courses	7 SCH	
	Grd	SCH
EDED 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
UNIV 3101 Jaguar Tracks 3		1
UNIV 4101 Jaguar Tracks 4		1
***Recommended that all courses above be completed before Field Residency I Semester. AAT Completion Highly		

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Completion of this degree plan requires admission to the Educator Preparation and Certification program and successful completion of required field residencies and student teaching.

Completion of 45 hours; ENGL 1301, ENGL 1302, MATH 1314, HIST 1301, HIST 1302, EDUC 1301, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics; and an official degree plan on file.

Students who do not meet teacher preparation and certification requirements may be required to switch to a non-certification degree program.

Major Courses	71 SCH	
Courses are listed in suggested order of completion		
"C" or higher required in EDXX		
	Grd	SCH
EDED 3303 Knowl of Ped & Assessment		3
EDSE 3345 Survey of Exceptional Children		3
EDRG 3315 Found of Early Lit Instruction		3
XXXX XXXX Content Area Course		3
XXXX XXXX Content Area Course		3
EDRG 3389 Tchng Rdg in INT & MID Schools		3
EDSE 3346 Dev. of Exceptional Individuals*		3
EDSE 3347 Beh Mgt for Except students		3
XXXX XXXX Content Area Course		3
XXXX XXXX Content Area Course		3
XXXX XXXX Content Area Course		3
EDED XXXX Field Specific Methods (FB)		3
EDED 3358 Clsmr Mgt for MS/SEC (FB)		3
EDRG 3355 Tchng Reading at the Sec Level		3
EDSE 3348 Ed Proc for Exceptional Ind		3
XXXX XXXX Content Area Course		3
EDFR 3110 Field Residency I		1
EDED 4309 Legal & Ethical Issues in Educ		3
EDED 4311 Teaching & Pedag for MS/Sec		3
EDSE 4340 Collab & Trans Svcs in Inc Settings		3
EDSE 4346 Assessment of Except students*		3
EDSE 4347 Federal & State Regulations*		3
EDFR 3120 Field Residency II*		1
EDFR 4613 Student Teaching: Field Resid III ** Internship (Unpaid) semester at A&M-SA**		6

NOTE: For state approved programs leading to certification, as the state implements new requirements for certification, changes at the state level become compulsory at the time required with or without notice. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes. Catalog and Degree Plans expire in 5 years.

ESL Endorsement Option: requires students to complete 9 additional hours by taking EDBL3315 Second Language Acquisition, EDBL 3320 Test and Measurement in BIL and ESL, and EDBL 3321 Methods of teaching English to Non-English.

120 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(25% ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)

**Bachelor of Science in Kinesiology
Exercise Science/Pre-PT
2016-2017 Degree Plan**

Core Curriculum (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 College Algebra		3
(030) LIFE & PHYSICAL SCIENCES		
BIOL 1306 General Biology I		3
BIOL 1307 General Biology II		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Language/Philosophy/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL/BEHAVIORAL SCIENCE		
Social and Behavioral Science		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
EDKN 1301 Foundations of Kinesiology		3
Required Support Courses		
	Grd	SCH
17 SCH		
Fitness Activity		1
EDKN 1338 Fitness and Wellness		3
EDKN 1304 Personal/ Community Health		3
EDKN 1306 First Aid		3
EDHL 1322 Nutrition		3
UNIV 1101 Jaguar Tracks I		1
UNIV 2101 Jaguar Tracks II		1
UNIV 3101 Jaguar Tracks III		1
UNIV 4101 Jaguar Tracks IV		1

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

**123 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(25% ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

Major Courses	46 SCH	
	Grd	SCH
Courses are listed in suggested order of completion		
"C" or higher required in EDXX courses		
EDKN 3315 Functional Anatomy		3
EDKN 3316 Medical Terminology		3
EDKN 3445 Meas/Eval in Kinesiology		4
Elective (Choose Elective Options Below)		
Elective (Choose Elective Options Below)		
EDKN 3332 Prog. Dev/Mgmt of Fitness Industry		3
EDKN 3426 Basic Phys of Exercise		4
EDKN 4325 Biomechanics		3
SOCI 3330 or MATH 3301		3
Elective (Choose Elective Options Below)		
EDKN 4320 Motor Dev/Motor Learning		3
EDKN 4334 Research Proj in Exercise Science		3
EDKN 4401 Exercise Testing & Prescription		4
EDHL 4344 Healthy Aging		3
Elective (Choose Elective Options Below)		
Elective (Choose Elective Options Below)		
EDKN 4324 Exer. & Chronic Disease/Disability		3
EDKN 4328 Internship I		3
EDKN 4417 Advanced Physiology of Exercise		4
Elective (Choose Elective Options Below)		
ELECTIVE COURSE OPTIONS: Choose 18 hrs. towards degree completion. The following are required or recommended for admission to most physical therapy programs.		18 SCH
Biology I		3
Biology II		3
Anatomy & Physiology I		4
Anatomy & Physiology II		4
Physics I		3
Physics II		3
Trigonometry		3
Computer Literacy		3
Technical Writing		3
Child Psychology, Abnormal Psychology or Lifespan Development		3

**Bachelor of Science in Kinesiology
Exercise Science
2016-2017 Degree Plan**

Core Curriculum (See note below)		42 SCH	
	Grd	SCH	
(010) COMMUNICATION			
ENGL 1301 Composition I		3	
ENGL 1302 Composition II		3	
(020) MATHEMATICS			
MATH 1314 College Algebra		3	
(030) LIFE & PHYSICAL SCIENCES			
BIOL 1306 General Biology I		3	
BIOL 1307 General Biology II		3	
(040) LANGUAGE, PHILOSOPHY AND CULTURE			
Language/Philosophy/Culture		3	
(050) CREATIVE ARTS			
Creative Arts		3	
(060) AMERICAN HISTORY			
HIST 1301 American History to 1865		3	
HIST 1302 American History since 1865		3	
(070) GOVERNMENT/POLITICAL SCIENCE			
GOVT 2305 Federal Government		3	
GOVT 2306 Texas Government		3	
(080) SOCIAL/BEHAVIORAL SCIENCE			
PSYC 2301 Intro to Psychology		3	
(090) COMPONENT AREA OPTION			
SPCH 1315 Fund of Public Speaking		3	
EDKN 1301 Foundations of Kinesiology		3	
Required Support Courses		25 SCH	
	Grd	SCH	
Fitness Activity		1	
EDKN 1338 Fitness and Wellness		3	
EDKN 1304 Personal/ Community Health		3	
EDKN 1306 First Aid		3	
EDHL 1322 Nutrition		3	
UNIV 1101 Jaguar Tracks I		1	
UNIV 2101 Jaguar Tracks II		1	
UNIV 3101 Jaguar Tracks III		1	
UNIV 4101 Jaguar Tracks IV		1	
BIOL 2401 Anatomy & Phys. I		4	
BIOL 2402 Anatomy & Phys. II		4	

Major Courses		49 SCH	
Courses are listed in suggested order of completion			
"C" or higher required in EDXX courses		Grd	SCH
EDKN 3315 Functional Anatomy			3
EDKN 3316 Medical Terminology			3
EDKN 3350 Kinesiology & Sport in Society			3
EDKN 3445 Meas/Eval in Kinesiology			4
Elective/Support (Listed below)			
EDKN 3332 Prog Dev/Mgmt of Fitness Industr			3
EDKN 3426 Basic Phys of Exercise			4
EDKN 4325 Biomechanics			3
EDKN 4320 Motor Dev/Motor Learning			3
Elective/Support (Listed below)			
EDKN 4342 Motor Skills Special Populations			3
EDKN 4324 Exer & Chron Diseases/Disab			3
EDKN 4401 Exercise Testing & Prescription			4
EDHL 4344 Healthy Aging			3
Elective/Support (Listed below)			
EDKN 4334 Research Proj in Exerc Science			3
EDKN 4328 Internship I			3
EDKN 4417 Advanced Physiology of Exercise			4
Elective/Support (Listed below)			
ELECTIVE COURSES/SUPPORT FIELD			15-20
Must include at least 6 advanced credit hours from (3000 to 4000 level courses)			SCH
	Grd	SCH	
Elective		3-4	
Elective		3-4	
Elective		3-4	
Elective		3-4	
Elective		3-4	

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

131 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(25% ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)

**Bachelor of Science in Kinesiology
Physical Education (Grades EC-12)
2016-2017 Degree Plan**

Core Curriculum (See note below)	42 SCH	
	Grd	SCH
(010) COMMUNICATION		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
(020) MATHEMATICS		
MATH 1314 College Algebra		3
(030) LIFE & PHYSICAL SCIENCES		
BIOL 1306 General Biology I		
BIOL 1307 General Biology II		
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Language/Philosophy/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
(070) GOVERNMENT/POLITICAL SCIENCE		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
(080) SOCIAL/BEHAVIORAL SCIENCE		
PSYC 2301 Intro to Psychology		3
(090) COMPONENT AREA OPTION		
SPCH 1315 Fund of Public Speaking		3
EDKN 1301 Foundations of Kinesiology		3
Required Support Courses		
	Grd	SCH
28 SCH		
Fitness Activity		1
EDKN 1119 Beginning Rhythmic Activities		1
EDKN 1308 Intramurals & Officiating		3
EDKN 1305 Coaching		3
EDKN 1306 First Aid		3
EDKN 1338 Fitness and Wellness		3
EDKN 2147 Analysis of Ind Sports		1
EDKN 2148 Analysis of Team Sports		1
UNIV 1101 Jaguar Tracks I		1
UNIV 2101 Jaguar Tracks II		1
UNIV 3101 Jaguar Tracks III		1
UNIV 4101 Jaguar Tracks IV		1
BIOL 2401 Anatomy & Phys. I		4
BIOL 2402 Anatomy & Phys. II		4
Recommended that all courses above be completed before Field Residency I Semester.		

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements, and are recommended in the core to expedite degree completion.

Students who do not meet teacher preparation and certification requirements may be required to switch to a non-certification degree program.

Major Courses	64 SCH	
Courses are listed in suggested order of completion		
"C" or higher required in EDXX courses	Grd	SCH
EDKN 3315 Functional Anatomy		3
EDKN 4320 Motor Dev/Motor Learning		3
EDKN 3350 Kinesiology & Sport in Society		3
Support Field**		3
Support Field**		3
EDED 3303 Knowl of Pedagogy & Assessment		3
EDKN 3445 Meas/Eval in Kinesiology		4
EDKN 4342 Motor Skills Special Pop		3
Support Field**		3
Support Field**		3
EDKN 4310 Teaching Elem Phys Educ		3
EDED 3358 Classroom Mgt-Mid and Sec		3
EDKN 3426 Basic Physiology of Exercise		4
Support Field (ADV)**		3
EDFR 3110 Field Residency I *		1
EDKN 4311 Teaching Secondary Phys Educ		3
EDED 4309 Legal & Ethical Issues in Educ *		3
EDED 4311 Curriculum and Learning-Adol. *		3
Support Field (ADV)**		3
EDFR 3120 Field Residency II *		1
EDFR 4623 Student Teaching: Field Resid III*		6
Internship (unpaid) semester at A&M-SA		

**Support Field Course should be from a common field (i.e., Math, Science, English Language Arts, Social Studies, Special Education, etc.)

NOTE: For state approved programs leading to certification, as the state implements new requirements for certification, changes at the state level become compulsory at the time required with or without notice. It is the student's responsibility to consult their major academic advisor and catalog for any new updates or changes. Catalog and Degree Plans expire in 5 years.

SPED Endorsement Option: In order to add the Special Education Supplement to certification areas prior to graduation a student must complete the following courses – EDSE 3347, EDSE 3348, EDSE 4340, EDSE 4346, and EDSE 4347.

ESL Endorsement Option: requires students to complete 9 additional hours by taking EDBL 3315 Second Language Acquisition, EDBL 3320 Test and Measurement in BIL and ESL, and EDBL 3321 Methods of teaching English to Non-English.

Completion of this degree plan requires admission to the Educator Preparation and Certification program and successful completion of required field residencies and student teaching.

Completion of 45 hours; ENGL 1301, ENGL 1302, MATH 1314, HIST 1301, HIST 1302, EDUC 1301, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics; and an official degree plan on file.

134 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE (25%
ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)

ACADEMIC REGULATIONS FOR GRADUATE STUDENTS

Students should review this section of the catalog entitled "Academic Regulations" for rules that apply to all graduate programs.

Registration

The University has a computer-assisted registration system that allows students to register over the web. Web registration is available for eligible students only and requires academic advising prior to registration. Specific registration dates, instructions and information are provided on the University website.

Normal Course Load

A full-time graduate student is one registered for 9 semester credit hours in a fall or spring semester, 3 semester credit hours in each summer term or 6 semester credit hours during a ten-week summer semester. No graduate student may enroll in more than 15 semester credit hours during the fall or spring semester or 6 semester credit hours in each summer term. Enrollment in Graduate Research Project 5305 or Thesis 5306 (proposal or defense) constitutes a full course load.

Schedule Changes

Dropping a Course

A course may be dropped by a student without approval from his/her academic adviser or other University official. It is highly recommended that a student consult his/her academic adviser because of the impact on financial aid, graduation, etc. After the on-line registration system is closed, all drops must be processed by the Office of the Registrar.

A student who, by dropping a course, becomes registered for less than a normal load will be reclassified as a part-time student.

If a student drops the only course for which enrolled, the student must follow the process for withdrawing from the University as stated below.

Adding a Course

A course may be added by a student using the online registration system without approval of University officials, as long as departmental approval is not required. (See regulation for Normal Load.) It is highly recommended that a student consult with his/her academic adviser before attempting to add a course. After the online registration system is closed, written permission is required from the academic adviser and professor of the course being added to add the course. These requests must be processed by the Office of the Registrar. The student may only add classes during the time specified in the official academic calendar.

Withdrawal from the University

If a student finds it necessary to withdraw during the session, the student must notify the Office of the Registrar and process a withdrawal form. If the withdrawal is before the mid-semester point, the student will receive an automatic grade of *W* in each course. If the withdrawal is after the mid-semester point, the student will receive a grade of *W* or *F*, depending on whether the student is passing or failing at the time of the withdrawal. If the student abandons the courses registered for without officially withdrawing, the student will receive a grade of *F* in each course, regardless of the time the student ceased to attend classes. (See also regulations entitled "Refund of Fees.")

Withdrawal of Students Ordered to Military Active Duty

If a current student is called to active duty, the student has several options for enrolled courses. The student must provide a copy of military orders to receive one of the following: 1) full refund of tuition and fees paid by the student for the semester in which the student withdraws; 2) with instructor approval, incomplete grade(s) for the semester in which the student withdraws; or 3) with instructor approval, assignment of an appropriate final grade(s)

or credit(s). Upon the student's request, pre-registered classes will be dropped. If the student returns prior to the beginning of a semester he/she will be reinstated into this institution.

Visiting a Course

Any person may request permission of the Provost and Vice President for Academic Affairs to visit a course. Individual instruction courses are not open to visitors. Visitors do not have the privilege of submitting papers, taking part in class discussions or participating in laboratory or field work. Visitors pay fees according to the published credit hour fee schedule, except that no additional fee will be required of a full-time student. A visitor's name will not be entered on the class rolls or permanent records. The notice of approval of a request to visit a course, properly receipted after fees are paid, will serve as a permit to attend a class.

Class Policies

A student has the right to expect competent, well-organized instruction for the full number of clock hours allotted for a course; to sufficient written assignments, graded fairly and with reasonable promptness to show the student's academic standing in the course at least before mid-semester; to have ample opportunity to confer with the instructor at published office hours and to review graded written work; to freedom from ridicule, discrimination, harassment or accusations in the presence of other students or faculty members; and to an avenue for appealing to higher academic authority in case of alleged unfairness by an instructor.

Cheating and Plagiarism

Students are expected to do their own course work. Simple cases of first offense cheating or plagiarism by an individual student may be handled by the instructor after consultation with the department chair. When the evidence is indisputable, the usual penalty is a grade of *F* on the particular paper or in the course. The student is usually confronted with the evidence in private and advised of the penalty to be assessed. The evidence will be retained for at least one full year.

Supervisors of graduate research projects and chairs of theses and dissertations have taken measures to ensure that the manuscripts are free of plagiarism.

For more serious cases, such as those involving repeated offenses, conspiracy with other students or the theft and selling of examination questions, a report should be made by the instructor via the department chair and college dean to the provost and vice president for Academic Affairs for disciplinary action. Expulsion from the University is a normal penalty for such offenses.

Plagiarism is a serious violation of academic integrity, and students who engage in plagiarism are subject to disciplinary action. The type of disciplinary action will depend on the severity of the plagiarism but may ultimately lead to the student's expulsion from the program and/or revocation of a student's degree, if the student has already graduated.

Please review the Student Handbook for a complete description of the process: <http://www.tamusa.tamus.edu/studenthandbook.html>.

Class Attendance

A vital part of every student's education is regular attendance of class meetings. Every faculty member is to keep a current attendance record on all students. Any absences tend to lower the quality of a student's work in a course, and frequent or persistent absences may preclude a passing grade or cause a student to be dropped from one or more courses upon the request of a faculty member to the provost and vice president for Academic Affairs.

Absences for Religious Holidays

The University will allow students who are absent from classes for the observance of a religious holy day to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence if, not later than the fifteenth day after the first day of the semester, that student has notified the instructor of each class to be missed. The instructor may appropriately respond if a student fails to complete the assignment or examination within a reasonable time after the absence.

Research on Human Subjects

Research that involves human subjects must be approved by the Institutional Review Board for the Protection of Human Subjects.

Correspondence Work

Correspondence courses are unacceptable for graduate credit.

Required Grades

A minimum grade point average of 3.0 on a 4.0 scale is required in each program segment (major/supporting field/resource or graduate certification). Grades of *D* or *F* do not apply toward a graduate degree but are used to figure grade point averages. Courses may be repeated for credit, in which case the last grade of record is the official grade. Minimum grades required for stem work (assigned prerequisites) are noted on the initial degree plan and/or certification plan. Courses taken outside official program(s) are not subject to these grade requirements unless so specified by the program adviser on the degree plan.

To earn graduate credit for any undergraduate course authorized in the graduate catalog, the student must complete an extra assignment of graduate level quality that is not required of undergraduate students. Certification of this requirement shall be done by having the graduate student file a "Graduate Credit for Undergraduate Courses Form" with the graduate coordinator and the Director of Graduate Studies.

Grades

Grades, with numerical values corresponding to these letters, are recorded as follows:

<i>A</i>	Excellent, 90-100.
<i>B</i>	Good, 80-89.
<i>C</i>	Average, 70-79.
<i>D</i>	Passing, 60-69.
<i>F</i>	Failure, below 60.
<i>I</i>	Incomplete: given to a student who is passing but has not completed a term paper, examination or other required work. The instructor and the student are required to complete the standard University contract form for each course in which the temporary grade of <i>I</i> has been assigned. The grade of <i>I</i> will be used only to allow a student who has encountered some emergency such as illness or an accident an opportunity to complete the requirements for a course. A grade of <i>I</i> reverts to a grade of <i>F</i> one year from the close of semester/term in which the grade was originally recorded if the course requirements have not been satisfied.
<i>W</i>	Dropped: given when a student has officially dropped or withdrawn from the University before or on the mid-semester point as indicated on the official University calendar, regardless of student's standing in class. Also given after the mid-semester point to a student who is passing at the time the official drop is processed. (A student who is not passing receives the grade of <i>F</i> under such circumstances.)
* <i>IP</i>	In Progress: used for graduate theses and dissertations. (Students must register every subsequent semester until the final grade is given.) In-progress (<i>IP</i>) grades remain indefinitely on a student's transcript and cannot be changed with a change-of-grade card.
<i>NG</i>	No grade posted by instructor: used to indicate that no grade was posted by the instructor teaching the course.
<i>CR/NC</i>	Credit/Noncredit: used for courses that do not meet the normal or traditional framework of course scheduling and do not lend themselves to letter grading.

*Students enrolled in the following courses must abide by the requirements below to be considered for financial aid on a full-time basis.

1. Students enrolled in the 5305 classes or in EDED 5329, EDCG 5329 or MGMT 5335 are required to be continuously enrolled every semester in the class until they receive a grade in the class. For each semester they are enrolled but do not complete the requirements, the student is given an IP (In Progress). Students will be allowed two IPs (long semester enrollments). If at the end of the second enrollment in the class, the

student still has not completed the requirements, the student will be placed on FAS (Financial Aid Suspension).

2. Students enrolled in the 5306 Proposal stage of the thesis are required to be continuously enrolled every semester in the class until they receive a grade in the class. For each semester they are enrolled but do not complete the requirements, the student is given an IP (In Progress). Students will be allowed two IPs (long semester enrollments). If at the end of the second enrollment in the class, the student still has not completed the requirements, the student will be placed on FAS (Financial Aid Suspension).
3. Students enrolled in the 5306 Thesis stage of the thesis are required to be continuously enrolled every semester in the class until they receive a grade in the class. For each semester they are enrolled but do not complete the requirements, the student is given an IP (In Progress). Students will be allowed two IPs (long semester enrollments). If at the end of the second enrollment in the class, the student still has not completed the requirements, the student will be placed on FAS (Financial Aid Suspension).

Since summer sessions are considered by the Financial Aid Office to be used for clearing any deficiencies, IPs received during summer sessions will not be counted against the allowable number of IPs for Satisfactory Academic Progress requirements.

Students, who are placed on FAS because of the IPs, will have to submit an IP Appeal which will be evaluated by a committee made up of the Director of Graduate Studies, the Assistant Vice President for Enrollment Management and the respective department chair.

In Progress (IP)

If a student does not make satisfactory progress in the 5305/5306 courses or in EDED 5329, EDCG 5329 or MGMT 5335 during a given semester or term, the notation IN PROGRESS (IP) is given as a grade. The student must register for the same course again in a subsequent semester or term until the course is successfully completed. An IN PROGRESS notation in the 5305/5306 courses or in EDED 5329, EDCG 5329 or MGMT 5335 will remain *indefinitely* as IP on the student's transcript should the student's committee approve the student for a non-thesis degree program at some later date, or should the student not complete the degree. The IP cannot be changed with a change-of-grade form.

Change of Grade

After being reported to the Registrar, grades other than *I* may not be changed unless an error has been made by the instructor. Students should review their end of semester final grades closely to ensure their accuracy. If an error or discrepancy should occur, the student should contact the appropriate professor and/or the Office of the Registrar immediately for resolution. It is recommended that those changes occur no later than the beginning of the next semester. Under no circumstances will grades be changed after one calendar year.

Repetition of a Course

If a student repeats a course that may not be taken for additional credit, it is the policy of the University to count as part of a student's cumulative grade point average only the last grade received in the course, whether passing or failing, other than a grade of *W*. However, for purposes of grade point average calculation on course work for graduation, grades stand as recorded unless the same course is repeated at this University.

Students who have received their first bachelor's degree from this institution cannot repeat courses that were used to earn the first degree for purposes of grade point average calculation.

It is the responsibility of the student, after repeating a course, to file a special request form in the Office of the Registrar, so that the adjustment in the grade point average, when applicable, can be entered on the permanent record.

Repeated Grade Notation

Repeated course(s) and grade(s) are not removed from the official or unofficial transcript. The repeated grade and grade points will be removed from the cumulative grade point average only. The repeated course will be identified with the letter 'E' next to the quality points on the transcript. Repeating a course after graduation will not change the student's graduation grade point average.

Scholastic Probation

A graduate student pursuing a specific program is placed on scholastic probation if, at the end of either long semester or the second summer session, the cumulative grade point average of the student's graduate program falls below 3.0. If the probationary status is not removed during the next full semester for which the student enrolls (combined summer terms count as one full semester), the student must be reinstated before registering for further graduate work.

Reinstatement

The graduate student who is dismissed for any reason may request reinstatement through the Director of Graduate Studies. The student will be screened by the graduate directory in consultation with the graduate coordinator and program advisor from the academic area in which the student desired to study.

Satisfactory Rate of Progress

A graduate student must exhibit a normal and reasonable rate of scholastic progress. If, in the opinion of the student's committee and the graduate director, the student has made an unsatisfactory rate of progress, the student may be dismissed from a specific program, even with a grade record that falls within guidelines.

Graduation with Honors

Only students completing **undergraduate** degrees with superior overall academic records will be graduated with honors.

Graduate Credit for 3000 or 4000 Level Courses

Graduate students may use a limited number of undergraduate courses to satisfy graduate degree requirements. Graduate students must request approval to receive graduate credit for a 3000 or 4000 level course in advance of registering for course by completing the "Request to Enroll in a 3000 or 4000 Level Course for Graduate Credit From" and submitting all required documentation. The instructor of the 3000 or 4000 level course must hold Graduate Faculty status.

The following limitations apply to all requests to receive graduate credit for 3000 or 4000 level courses:

1. Undergraduate course credits may not be used toward a graduate degree if they were taken by the student while still an undergraduate.
2. Undergraduate course credits must involve additional work to justify their use toward a graduate degree. The instructor must submit a course syllabus which includes information regarding additional course requirements enhanced student learning outcomes for graduate credit in the 3000 or 4000 level course. No more than two (2) 3000 or 4000 level courses (six hours) may be applied to a master's/specialist degree.
3. Undergraduate course credits will only be awarded with a passing grade of "B".
4. Only undergraduate courses completed at A&M-San Antonio will be considered for graduate credit.

After completing the "Request to Enroll in a 3000 or 4000 Level Course for Graduate Credit" form, the student must submit it to the Office of Academic Affairs for final review by the Director of Graduate Studies.

Student Records

Transcripts

Students can request an official transcript through the Office of the Registrar or they can request an official copy through Jaguar Connect. A student must provide identification at the Office of the Registrar when picking up a copy of a transcript in person. The Family Educational Rights and Privacy Act of 1974, and amendments thereto, states that parents, spouse, legal guardian or others are not authorized to pick up transcripts of students unless written authorization by the student is provided.

Holds

All students, including continuing education students, should clear any holds they have on their records immediately. Failure to clear a hold causes delays and inconvenience when trying to obtain copies of transcripts through the mail or in person. Since a hold on the record may affect printing and mailing of grades at the end of the

semester, students should be sure they do not have any holds before final examinations start. Students with a registration hold on their record will not be permitted to register.

Change of Name, Address or Social Security Number

Students who wish to change their name on their transcript must provide legal documentation of the change to the Office of the Registrar. Not advising the Office of the Registrar of a legal name change may cause transcript request and registration problems. Students who change their address should likewise notify the Office of the Registrar, Financial Aid or Business Office.

Death of a Student

The death of a currently enrolled student should be reported to the Vice President of Student Affairs. After confirming the death, the Vice President of Student Affairs notifies the appropriate student success departments, faculty and college dean. The Office of the Registrar will be notified to close all student records, and codes the student information system to block mailings to the deceased.

GENERAL REQUIREMENTS FOR GRADUATION WITH A MASTER'S DEGREE

Graduate degree candidates must obtain clearance and complete a Degree Candidacy form at the Graduate Studies Office. Clearance to graduate follows recommendation by the official graduate advisor(s) to the Director of Graduate Studies. Students may apply for candidacy with the graduate director six months in advance of the day of graduation by presenting a signed, final degree plan.

A master's degree may be earned by completing one of the four plans described below. Other master's degrees include the Master of Business Administration, Master of Public Accountancy, and the Master of Education (described under Education).

Research that involves human subjects must be approved by the Institutional Review Board for the Protection of Human Subjects.

Plan I-A (with thesis, major and supporting field):

1. Thirty semester hours of approved graduate courses, with 18 to 24 semester hours (including 6 hours of Thesis 5306 research) in a major subject area and 6 to 12 semester hours in a supporting field subject area are required. The supporting field may be divided between two subject areas, with 6 semester hours in each.
2. At least 24 of the 30 semester hours must be in graduate-level courses. No more than 3 semester hours of credit for special problems courses (other than the thesis courses) may be accepted. No credit extension or correspondence courses will be accepted.
3. A research thesis must be prepared under the direction of the professor in the major subject area who is also the student's program chair. A thesis proposal approved by the program chair must be completed for a grade to be assigned in the first 3 hours of Thesis 5306. The thesis must be accepted by a committee consisting of the program chair, at least one other professor from the major area and one professor from the supporting field area (or one from each of the supporting field areas).
4. The student will make an oral defense of the thesis before the committee *no later than five weeks before commencement*.

Plan I-B (with thesis and major):

1. Thirty semester hours of approved graduate courses, with at least 24 semester hours (including 6 hours of Thesis 5306 research) in a major subject area are required.
2. At least 24 of the 30 semester hours must be in 5000-level courses. No more than 3 semester hours of credit for special problems courses (other than the thesis courses) may be accepted. No credit for extension or correspondence courses will be accepted.
3. A research thesis must be prepared under the direction of the professor in the major subject area who is the student's program chair. A thesis proposal approved by the program chair must be completed for a grade to be assigned in the first 3 hours of Thesis 5306. The thesis must be accepted by a committee consisting of the program chair and at least two other professors from the major area.
4. The student will make an oral defense of the thesis before the committee *no later than five weeks before commencement*.

Thesis 5306 is used solely by Plan I students. The thesis requires 6 semester credit hours of grades, the first 3 semester credit hours consisting of a proposal and the last 3 semester credit hours consisting of a thesis. The student should be enrolled in 5306 during semesters or summer terms when the student is receiving supervision from the research advisor, thesis committee or is receiving a research stipend.

The student must be registered for the thesis course during the semester of graduation. A thesis proposal signed by the student and the thesis committee constitutes the minimum requirement for the student to receive a letter grade on the first three hours of thesis.

The final form of each research thesis must be approved by the graduate director for style, format and scholarly merit. Instructions concerning the form to be used and details to be followed in preparing the thesis may be obtained from the Graduate Studies Office. Five copies of the approved thesis must be filed with the graduate director at least three weeks before commencement. The student may have additional copies bound at extra cost.

In Progress (*IP*) grades are assigned in 5306 when appropriate until a letter grade is assigned. *IP* grades remain indefinitely on a student's transcript and cannot be changed with a change-of-grade card. Students must be actively enrolled in 5306 to receive the letter grade.

Plan II (with major and supporting field):

1. Thirty-six semester hours of approved graduate courses, with 21 to 24 semester hours in a major subject area and 12 to 15 semester hours in a supporting field subject area are required. The supporting field may be divided between two subject areas, with at least 6 semester hours in each.
2. At least 21 semester hours in the major subject area and at least 9 semester hours in the supporting field subject area must be in 5000-level courses. Without special permission from all members of the student's committee and the graduate director, no more than 6 semester hours of credit for special problems courses may be accepted. No more than 6 semester hours of credit for extension courses of this University may be accepted.
3. A research project, produced as a major assignment in a 3 hour 5000-level, research-titled course (which may be a special problems course) or Research Project 5305 in a major subject area, is required.

Plan III (with major and resource areas):

1. Thirty-six semester hours of approved graduate courses, with at least 24 hours in a major subject area. (This plan requires resource areas rather than supporting field subject areas. A resource area consists of no more than 6 semester hours of graduate credit in a concentrated area.)
2. At least 27 of the 36 semester hours must be 5000-level courses. Without special permission from the appropriate graduate coordinator and the graduate division, no more than 6 semester hours of credit for special problems courses may be accepted. No more than 6 semester hours of credit for extension courses offered by A&M-San Antonio may be accepted.
3. A research project, produced as a major assignment in a 3 hour 5000-level, research-titled course (which may be a special problems course) or Research Project 5305 in the major subject area, is required.

Research Project 5305 may be used for the selection, planning, and conduct of a research project to fulfill research requirements under Plan II and Plan III programs. The graduate research project requires a grade in 3 semester credit hours of 5305. The student should be enrolled in 5305 during semesters or summer terms when the student is receiving supervision from the research advisor, graduate research committee or is receiving a research stipend.

For Plan II, the graduate research project must be approved and signed by a committee consisting of the program chair, at least one other professor from the major area and one professor from the supporting field area (or one from each of the supporting field areas). For Plan III, the graduate research project must be approved and signed by the program chair. In both Plan II and Plan III, the graduate research projects must have the signature of the department chair. One copy of the approved research project will be placed in the student's file in the major department and a second copy will be submitted to the Director of Graduate Studies for final approval.

In Progress (*IP*) grades are assigned in 5305 when appropriate until a letter grade is assigned. *IP* grades remain indefinitely on a student's transcript and cannot be changed with a change-of-grade card. Students must be actively enrolled in 5305 to receive the letter grade. This also applies to EDED 5329, EDCG 5329 and MGMT 5335.

Students must be enrolled in the Thesis/Proposal 5306 courses or 5305 the semester or term when either of the documents is submitted to the Director of Graduate Studies for approval. Only after the director signs off on either of the documents may the professor post a grade.

Plan IV (with clinical emphasis-MA in Counseling and Guidance program only):

1. A minimum of 48 semester hours of approved graduate coursework is required.
2. The 48 semester hours of required coursework are limited to 5000-level courses or higher.
3. The 48 semester hours of required coursework include a minimum of 6 clinical hours of supervised training (practicum/internship).

Final Degree Plan

Once a final degree plan has been submitted to the graduate office for candidacy check-out, the final degree plan cannot be changed during the semester of candidacy without the graduate director's review and written permission.

Shortened-format Classes

Shortened-format classes are limited to a maximum of six semester hours of graduate credit that a student may use on a degree plan.

Comprehensive Examination(s)

Each graduate student must demonstrate proficiency in the major subject (and supporting field area if it includes nine semester hours or more) by passing comprehensive examinations approved by the appropriate graduate coordinator(s) and administered by the student's program committee.

The comprehensive examination(s) and thesis defense should be completed no later than the first week of April (for May candidates), July (for August candidates), and November (for December graduates).

Required Component of all Graduate Curricula

Each program recognized by the Graduate Studies Office must design the graduate curriculum so that it requires its students to analyze, explore, question, reconsider, and synthesize old and new knowledge and skills. The curriculum must be composed of discrete courses so as to provide the graduate student an education above and beyond that offered to undergraduate students. In this manner, the graduate curriculum will afford the depth of education, the specialized skills and the sense of creative independence that will allow the graduate student to practice in and contribute to a profession or field of scholarship.

Stacked Courses

There must be a substantial difference between undergraduate and graduate instruction, and that graduate study must be at a level of complexity and generalization that extends the knowledge and intellectual maturity of graduate students. A limited number of 4000-level and 5000-level courses may be approved to be taught as stacked courses. The syllabus for the graduate course must indicate a higher level of complexity and have *different student learning outcomes*. (The latter requirement holds true for graduate students taking approved 4000-level courses for graduate credit.)

Residency Requirements

The graduate student will comply with the residency policy established by the individual graduate program. Students may consult with the Director of Graduate Studies for additional information.

Registration

Graduate students must be registered in thesis/project the semester of graduation.

Graduate Assistantships and Fellowships

A Graduate Assistant must be enrolled as a full-time graduate student (9 credit hours during the long term and 3

credit hours during each summer session). If the graduate student drops below the full-time course load requirements, the assistantship may be terminated. The student may carry a maximum 6 hour teaching load in the long term and a maximum 3 hour teaching load each summer session as long as the combined hours of course load and teaching load do not exceed 15 hours in a long semester and 6 hours in each summer session. Graduate Teaching Assistants must have completed 18 semester hours of graduate course work in order to teach.

Graduate Fellowships/Scholarships require that the graduate student be enrolled for a minimum of three semester graduate credit hours during the long terms and each summer session.

Course Longevity (Master's Degrees)

A master's degree student must complete all requirements for each specific graduate degree within five years of initial registration for that degree. Graduate credits older than those stipulated are not applicable toward a graduate degree without written approval from the Director of Graduate Studies.

Graduation Under a Particular Catalog

Students receive a graduate degree when they satisfy the requirements of the first, or any subsequent catalog under which they earned credit for the degree, as long as that catalog is not more than five years old.

Application for Degree

Graduate degrees are conferred at the close of each regular semester and second summer session. Candidates for advanced degrees who expect to complete their work must first seek approval from their graduate advisor/coordinator. To apply for graduation, students must complete a Graduation application at the Welcome Center. It is the student's responsibility to be informed and meet graduation deadlines which are published in the Academic Calendar in an earlier section of this Catalog and in the Class Schedule each semester. A student cannot graduate with an "I," "IP" or "F" notation on their academic record in the last semester prior to graduation.

Use of Official Name on Diploma

Students applying for graduation must use their official name as listed on their permanent record in the Office of the Registrar. No nicknames or any other informal name will be allowed. All printed information, including diplomas, will list a student's official name. Students requesting a name other than their official name on their diploma must change their name on their permanent record.

Graduation in Absentia

Graduation in absentia will be permitted only under special conditions stated in writing and approved by the Provost and Vice President for Academic Affairs.

Authorship and Copyright

Students shall own the copyright on their theses. Primary authorship on manuscripts derived from a thesis or research project must be agreed upon in writing by the mentor and the student prior to submission for publication. Data collected in the process of research shall be the mutual property of all collaborators unless otherwise stated in writing. It is the responsibility of the mentor to be proactive in this particular case and file any letter or agreement on a timely basis with the Graduate Studies Office.

Topic Courses vs. Special Problems Courses

Selected topics courses are organized courses which are taught in a regular classroom environment and which meet regularly according to Texas Higher Education Coordinating Board approved contact hours per semester hour of credit. The primary modes of instruction of an organized class are lecture, laboratory, seminar or group television.

Special problems courses are independent study or individual instruction courses which may or may not meet regularly and which usually involve one-on-one professor-student contact. Library study and/or research data collection leading to research paper(s), a thesis or formal testing is the appropriate format for such courses.

GRADUATE DEGREES AND MAJORS OFFERED

Degrees

Master of Arts

Master of Business Administration

Master of Professional Accounting

Master of Education

Master of Science

Majors

Bilingual Education, Counseling and Guidance, Educational Administration, English, Marriage and Family Therapy

Business Administration

Professional Accounting

Early Childhood, Special Education

Bilingual Education, Kinesiology, Reading Specialization

COLLEGE OF ARTS & SCIENCES

Graduate Programs

ENGLISH

Dr. Katherine Gillen, Graduate Coordinator (English)
Central Academic Building, Room 318C
(210) 784-2223
kgillen@tamusa.tamus.edu

The College of Arts and Sciences offers a graduate program in English leading to the Master of Arts degree in English.

Program Description

The English M.A. Program fosters intellectual community and promotes close working relationships between graduate students and professors. We offer graduate seminars in American Literature, British Literature, Multi-Ethnic Literature, Composition, and Cultural Studies, as well as opportunities to take courses in the Colleges of Business and Education. In addition to coursework, our students complete capstone projects and present papers at local and regional conferences. Several of our students take advantage of employment opportunities in A&M-SA's Tutoring Center and University Communications.

The English M.A. faculty are dedicated teachers who have won multiple awards for their classroom instruction. They are also scholars who have presented at national and international conferences and have won competitive research fellowships. Their work has been published in literary journals (such as *Early English Studies*, *Kairos*, and *Twentieth-Century Literature*) and in critical anthologies (such as *Reading the Boss: Interdisciplinary Approaches to the Works of Bruce Springsteen*). Because faculty are active in their fields, they can offer an assortment of topic and genre driven seminars that involve students in deep analyses of canonical and non-canonical texts as well as literary theory and criticism.

Graduates are qualified for a range of careers. To date, all of the English M.A. Program's graduates have been successfully placed in other graduate programs, such as the M.F.A. Program at The New School in New York City, or have gone on to teaching careers in San Antonio's secondary schools and community colleges.

Admission Process

Prerequisites

Students must have 18 semester hours of undergraduate courses in English, including a minimum of 12 advanced (junior-senior level) semester hours. The Department has the right to examine students' prerequisites and to accept equivalent hours or to require additional work if necessary.

Grade Point Average (GPA) and GRE General Test Requirements

Students with a GPA of 3.00-4.00 must have a minimum GRE Verbal score of 142 (15th percentile) and a GRE Writing score of 3 (14th percentile). Students with a cumulative GPA less than 2.99 must have a GRE Verbal score of 147 (32nd percentile) and a GRE writing score of 3 (14th percentile). If a student with less than a 2.60 GPA meets these GRE requirements (146 Verbal and 3 Writing) and seems prepared for graduate study, the English program will submit a memo to Admissions justifying our decision to admit him/her.

Unless the applicant already has an M.A. from an accredited institution, official GRE scores, taken within the last 5 years, must be submitted to the Admissions Office. Students are strongly encouraged to submit GRE scores with their application. If students do not submit GRE scores with their transcripts, they will be admitted conditionally, and they will not be permitted to continue in the program if they do not meet the required GRE scores. The Admissions Office will accept the scores no later than the midpoint of the student's first semester.

Students who already have an M.A. from an accredited institution do not have to submit GRE scores with their

application.

Writing Sample

Applicants must submit a sample of their analytical writing of 6-10 pages. The sample should demonstrate your ability to think analytically, write clearly, and sustain an argument.

Letters of Recommendation

Applicants must submit two letters of recommendation. At least one of these letters should come from one of your former professors.

Application

Applicants must submit their application and required documents by the appropriate semester deadline to the Office of Admissions. The application is available online at Apply Texas <http://www.applytexas.org>. For questions regarding the application process, please contact The Welcome Center at 210-784-1300.

Transcripts

Applicants must mail all official graduate and undergraduate transcripts to Texas A&M University-San Antonio; ATTN: Graduate Admissions; One University Way; San Antonio, TX 78224.

Program Details

The English M.A. is a 36 hour Program. Students are required to take Introduction to Graduate Studies, Topics in Rhetoric and Composition, Topics in American Literature, and Topics in British Literature. Students must also choose between a Graduate Research Project (3 hours) or a Thesis (6 hours) for their capstone project. Students choose the remainder of their coursework based on their interests. Since the topics courses frequently rotate, students can repeat these topics courses up to three times each.

Once students have completed 18 hours of coursework, they are eligible to take the Graduate Exam, which is typically offered in August and January. The Graduate Exam is a four-hour test focusing on one poem and one longer work. Students must pass the Exam in order to receive their degrees.

Curricula

ENGL 5300	Introduction to Graduate Studies*	3 credit hours
ENGL 5301	Topics in Rhetoric and Composition	3 credit hours
ENGL 5302	Theory and Practice of Teaching Writing*	3 credit hours
ENGL 5315	Literary and Critical History	3 credit hours
ENGL 5310	Topics in Linguistics	3 credit hours
ENGL 5320	Topics in British Literature*	3 credit hours
ENGL 5330	Gender Studies	3 credit hours
ENGL 5340	Major Authors	3 credit hours
ENGL 5350	Studies in Multi-Ethnic Literature	3 credit hours
ENGL 5360	Topics in American Literature*	3 credit hours
ENGL 5370	Special Topics in Literature	3 credit hours
ENGL 5375	Cultural Studies	3 credit hours
ENGL 5380	Visual Studies	3 credit hours

*Denotes required course

Students will also be required to complete a Master's Thesis (ENGL 5306) or Graduate Research Project (ENGL 5305) to satisfy degree requirements. To be eligible to begin Thesis or GRP work, students must have completed 24 hours of graduate coursework.

COLLEGE OF BUSINESS Graduate Programs

Dr. Tracy Hurley, *Dean of the College of Business*

Dr. Syed Harun, *Department Chair, Department of Accounting, Computing and Finance*

Dr. Amy Lewis, *Department Chair, Department of Management and Marketing*

Cynthia Kinney-Lee, *Office Manager*

**Brooks City Base, Bldg. 775, College of Business Suite, Rooms E180–E194
(210)784-2202**

Admission to any of the department's graduate programs requires a baccalaureate degree from a regionally accredited institution, adequate course work in the field of interest (or a plan to complete needed prerequisites) and a satisfactory score on the GMAT.

Academic Advising

Students should meet with their graduate academic advisor upon admission to their master's program. It is then recommended that students meet with their graduate academic advisor on a regular basis to discuss their academic progress, scheduling of courses, and discuss any questions or concerns they may have. For any questions or to schedule an appointment please contact the graduate advisor at gradbusiness@tamusa.tamus.edu or (210)784-2202.

MASTER OF BUSINESS ADMINISTRATION (MBA)

The Master of Business Administration program (MBA) is designed to prepare students for executive management positions in business, government, and non-profit organizations. The MBA program requires a student to successfully complete 36 semester credit hours Plan III program of graduate business courses.

Admission Requirements

A student must be admitted to Graduate Studies and to a specific program in order to take graduate level courses. Admission to the MBA program requires a baccalaureate degree from a regionally accredited institution. An undergraduate business degree is preferred but not required. The MBA Admissions Committee requires applicants to have a minimum undergraduate cumulative/overall (all courses completed while pursuing a bachelor's degree) GPA of 2.6 or higher. Applicants must submit a satisfactory GMAT score with the application in order for the application to be processed for admission. The MBA Admissions Committee uses the following formula to determine an applicant's minimum GMAT score requirement:

$$970 - (\text{GPA} \times 200) = \text{minimum required GMAT score.}$$

The GPA used in the formula is the students undergraduate cumulative/overall, which consists of all courses completed while pursuing a bachelor's degree.

If applicants meet the GPA/GMAT requirement, they will be admitted unconditionally into the MBA program. Students may be conditionally admitted without submitting a GMAT score. Applicants who do not meet the GPA or GMAT requirement may be conditionally admitted and will be allowed to take the foundation courses. Students will be unconditionally admitted after successfully completing the foundation courses with a grade point average of 3.0 or above and by maintaining a GPA of 3.0 or above on all A&M-San Antonio graduate business courses. ***Please note: International applicants must submit a satisfactory GMAT and TOEFL score in order to be considered for admission.***

Applicants who have earned a graduate degree from a regionally accredited institution will receive a waiver of the GMAT requirement.

MBA Degree Requirements

The program consists of six semester credit hours of foundation courses, 24 semester credit hours of required MBA core courses and six semester credit hours of graduate business electives.

1. **Foundation Courses (6 semester credit hours):**
 - BUAD 5301: Foundations of Business I: Quantitative Methods and Economics
 - BUAD 5302: Foundations of Business II: Accounting and Finance

 2. **Required MBA Core Courses (24 semester hours):**
 - ACCT 5311 Seminar in Managerial Accounting
 - CISA 5309 Computer Technology & Its Applications
 - ECON 5329 Managerial Economics
 - FINC 5331 Managerial Finance
 - MGMT 5322 Seminar in Management
 - MGMT 5337: Managerial Business Statistics
 - MKTG 5361 Seminar in Marketing
 - MGMT 5335*: Advanced Business Policy, OR
 - MGMT 5235*: Advanced Business Policy I, AND
 - MGMT 5135*: Advanced Business Policy II
- *Must be taken during the last semester of the MBA program
3. **Electives Courses (6 semester hours):** any 53XX level course (excluding MBA Core Course) listed in the College of Business section of this catalog for which the student has the appropriate prerequisites.

MASTER OF PROFESSIONAL ACCOUNTING (MPA)

The Master of Professional Accounting (MPA) degree is designed to equip students with the knowledge and skills necessary for successful careers in accounting and the broader fields of business, and to prepare professional accountants to obtain high-level positions in accounting firms and other business enterprises. The degree requires the completion of 36 semester credit hours of graduate course work as a Plan III program.

Admission Requirements

A student must be admitted to Graduate Studies and to a specific program in order to take graduate level courses. The MPA Admissions Committee requires applicants to have a minimum undergraduate cumulative/overall (all courses completed while pursuing a bachelor's degree) GPA of 2.6 or higher or a GPA of 3.0 or higher in the last sixty hours of coursework completed for the bachelor's degree in order to receive a one semester waiver of submitting their GMAT scores. A satisfactory GMAT score must be submitted before continuing in the program. Applicants, who do not meet the GPA requirement, must submit a satisfactory GMAT score with the application in order for the application to be processed for admission. ***Please note: International applicants must submit a satisfactory GMAT and TOEFL score in order to be considered for admission.***

Students who have a baccalaureate degree in business (other than accounting) will be required to complete 24 semester credit hours in advanced accounting courses before admission can be granted. Students who do not have a baccalaureate degree in business will be required to take, in addition to the requirements listed above, Computer Information Systems, Business Communications, and Business Law for Accountants before admission to the program can be considered.

GMAT Requirement

The following formula is used to determine an applicant's minimum GMAT score for admission into the MPA program: $970 - (\text{GPA} \times 200) = \text{minimum required GMAT score}$. The GPA used in the formula is the student's undergraduate cumulative/overall GPA, which consists of all courses completed while pursuing a bachelor's degree.

Program Requirements

The MPA program requires a student to successfully complete 30 credit hours of graduate business courses, excluding any prerequisite requirements. The program consists of 15 credit hours of required graduate accounting courses, 6 credit hours of required graduate non-accounting courses, and 9 credit hours of graduate accounting electives, which must be approved by the graduate advisor prior to enrollment.

Required Graduate Accounting Courses (15 hours)

- ACCT 5307 Accounting Information Systems
- ACCT 5314 Advanced Accounting Problems
- ACCT 5316 Advanced Income Tax Problems
- ACCT 5327 Advanced Auditing
- ACCT 5341 Advanced Cost/Managerial Accounting

Required Graduate Non-Accounting Courses (6 hours)

- CISA 5309 Computer Technology and Its Applications
- MGMT 5335 Advanced Business Policy

Accounting Elective Requirement (9 hours)

- ACCT 5308 Accounting Ethics
- ACCT 5317 Accounting and Tax Research
- ACCT: Graduate Elective.

Students are required to successfully complete 9 semester credit hours of graduate accounting electives. ACCT 5311 may not be taken for credit to satisfy the Accounting elective requirement.

COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT

Post Baccalaureate Certification Program (PBCP)

Dr. Eric López, Dean
Ms. Christine Moryl, *Administrative Assistant*
Senator Frank L. Madla Building, Room 303
(210)784-2501

The PBCP program is designed for individuals who hold a Bachelor's degree in education or education-related field from an accredited institution and who are seeking initial teacher certification. This program is an alternative route to teacher certification which offers instruction and field experiences in how to become an effective teacher through additional course work and onsite, supervised field work. Areas of certification include but are not limited to: Early Childhood-6 Generalist, 4-8 Generalist and Content, 7-12 Secondary Content areas, Bilingual EC-6 and Bilingual 4-8. The PBCP does not lead to a Master's degree; nor does participation in the PBCP guarantee admission to a graduate program at A&M-San Antonio.

Application Process

In order to meet eligibility requirements for the PBCP, the candidate must first gain full admission to the university by completing an application at www.applytexas.org. The PBCP program requires that applicants have a bachelor's degree in education or a related field. In addition, the candidate must take and pass the Pre-Admission Content Test (PACT) in their content area. These areas include:

- EC-6 Generalist EC-6 Core Content PACT
- 4-8 Generalist 4-8 Core Content PACT
- Secondary Content 4-8 Content PACT or 7-12 Content PACT (Math, Science, etc.)
- Bilingual EC-6 Core Content PACT
- Bilingual 408 Core Content PACT
- Bilingual BTLPT PACT
- Special Education PACT

The student must then complete and submit a separate application for admission to the PBCP by contacting the Post Baccalaureate Certification Program Specialist. Admission requirements include a 2.75 GPA, an interview, writing sample, transcript review and other screening items.

Candidates with foreign credentials require verification of satisfactory test scores on an English language proficiency exam approved by the State Board of Educator Certification, currently the Test of English as a Foreign Language (TOEFL). A TOEFL score of 26 on the speaking portion must be submitted unless students meet exemption requirements by providing evidence of completion of an undergraduate or graduate degree at an accredited institution of higher education in the United States or the primary language of instruction was English at institution outside of the United States.

Students in the PBCP must meet all course completion, catalog expiration and advising requirements of a Texas A&M University-San Antonio initial certificate seeking student. This means that program completion, including securing an Internship or participation in the clinical teaching semester, must occur prior to the expiration of courses and certification plans.

In order to meet the needs of our students and our growing population, Texas A&M University San Antonio's PBCP offers a choice between two final practicum experiences; a one-year paid internship or a one-semester unpaid clinical teaching option.

- One-Year paid internship (program fee applies) requires two consecutive semesters as the teacher of record in an accredited school (public, charter or private) while on a Probationary Certificate. The intern is responsible for obtaining a position. The intern will have the same responsibilities as a first-year teacher and receive a first year teacher's salary. Active student status at Texas A&M-San Antonio is required for the duration of the Probationary Certificate. Candidates must be enrolled in Internship for two semesters while serving as teacher of record on a probationary certificate.

- Unpaid Clinical Teaching internship (program fee applies) requires sixteen consecutive weeks in the classroom of a certified teacher (cooperating teacher), gradually taking responsibilities for teaching the class. Placements will be coordinated by the Educator Preparation and Certification Center staff. Clinical teaching assignments begin in the Fall or Spring Semester of each school year.

Additional Policies and Standards

Admission to the program does not guarantee fitness to remain in the program. Only those students who meet program standards will be allowed to continue in the program. Fitness criteria include: The Texas Code of Ethics for Educators (TAC §247.2), Texas A&M University-San Antonio Undergraduate Student Handbook Student Misconduct Standards (see Student Handbook) and the Educator Preparation Professional Standards process. Teacher Certification is administered by the Texas Education Agency and the State Board for Educator Certification. Program requirements are additional to university requirements and may change throughout the course of a candidate's program. The Educator Preparation and Certification Center, PBCP faculty, advisors and staff provide current programmatic information throughout the course of a candidate's program. In addition, a handbook and orientation is available to all candidates in order to provide current certification procedures and requirements throughout a candidate's preparation.

In addition to the requirements listed above, the PBCP students must complete (or have equivalent transfer credit for) the following courses:

- EDED 3303: Knowledge of Pedagogy and Assessment
- EDED 3348/58: Classroom Management for Elementary (3348) or Secondary Level (3358)
- EDED 4301/11: Teaching and Pedagogy for Elementary (4301) or Secondary Level (4311)
- EDED 4309: Legal and Ethical Issues in Education
- EDSL 3321: Methods Teach English to Non-English Children
- EDSE 3345: Survey of Exceptional Children
- EDED 3308: Methods in Educational Media & Technology

PBCP students must also successfully complete one of two final practicum experiences:

- EDED 5304: Internship (taken in two semesters for a total of 6 semester credit hours), OR
- EDFR 5610: Clinical teaching

The PBCP program ranges from 6-27 semester credit hours depending on the amount of coursework necessary to complete the initial certification requirements.

For further information, contact the Post Baccalaureate Certification Program at (210)784-2508 or (210)784-2502.

COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT

Graduate Teacher Certification Program (GTCP)

Dr. Eric López, Dean
Ms. Christine Moryl, *Administrative Assistant*
Senator Frank L. Madla Building, Room 303
(210)784-2501

The GTCP program is designed for individuals who hold a Bachelor's degree from an accredited institution and who are seeking initial teacher certification. This program is an alternative route to teacher certification which offers instruction and field experiences in how to become an effective teacher through graduate-level course work and onsite, supervised field work. Areas of certification include but are not limited to: Early Childhood-6 Generalist, 4-8 Generalist and Content, 7-12 Secondary Content areas, Bilingual EC-6 and Bilingual 4-8. The GTCP does not lead to a Master's degree; nor does participation in the GTCP guarantee admission to a graduate program at A&M-San Antonio.

Application Process

In order to meet eligibility requirements for the GTCP, the candidate must first gain full admission to the university by completing an application at www.applytexas.org. In addition, the candidate must take and pass the Pre-Admission Content Test (PACT) in their content area. PACT content areas include:

- EC-6 Generalist EC-6 Core Content PACT
- 4-8 Generalist 4-8 Core Content PACT
- Secondary Content 4-8 Content PACT or 7-12 Content PACT (Math, Science, etc.)
- Bilingual EC-6 Core Content PACT
- Bilingual 408 Core Content PACT
- Bilingual BTLPT PACT
- Special Education PACT

The student must then complete and submit a separate application for admission to the GTCP by contacting the Graduate Teacher Certification Program Specialist. Admission requirements include a 2.75 GPA, an interview, writing sample, transcript review and other screening items. Students in the GTCP must meet all course completion, catalog expiration and advising requirements of a Texas A&M University San Antonio initial certificate seeking student. This means that program completion, including securing an Internship or participation in the clinical teaching semester, must occur prior to the expiration of courses and certification plans.

In order to meet the needs of our students and our growing population, Texas A&M University San Antonio's GTCP offers a choice between two final practicum experiences; a one-year paid internship or a one-semester unpaid clinical teaching option.

- One-Year paid internship (program fee applies) requires two consecutive semesters as the teacher of record in an accredited school (public, charter or private) while on a Probationary Certificate. The intern is responsible for obtaining a position. The intern will have the same responsibilities as a first-year teacher and receive a first year teacher's salary. Active student status at Texas A&M-San Antonio is required for the duration of the Probationary Certificate. Candidates must be enrolled in Internship for two semesters while serving as teacher of record on a probationary certificate.
- Unpaid Clinical Teaching internship (program fee applies) requires sixteen consecutive weeks in the classroom of a certified teacher (cooperating teacher), gradually taking responsibilities for teaching the class. Placements will be coordinated by the Educator Preparation and Certification Center staff. Clinical teaching assignments begin in the Fall or Spring Semester of each school year.

Additional Policies and Standards

Admission to the program does not guarantee fitness to remain in the program. Only those students who meet program standards will be allowed to continue in the program. Fitness criteria include: The Texas Code of Ethics for

Educators (TAC §247.2), Texas A&M University-San Antonio Graduate Student Handbook Student Misconduct Standards (see Student Handbook) and the Educator Preparation Professional Standards process. Teacher Certification is administered by the Texas Education Agency and the State Board for Educator Certification. Program requirements are additional to university requirements and may change throughout the course of a candidate's program. The Educator Preparation and Certification Center, GTCP faculty, advisors and staff provide current programmatic information throughout the course of a candidate's program. In addition, a handbook and orientation is available to all candidates in order to provide current certification procedures and requirements throughout a candidate's preparation.

In addition to the requirements listed above, the GTCP students must complete the following courses:

- EDED 5307: Novice Teacher Induction
- EDED 5363/64: Human Growth and Development
- EDED 5366/67: Instructional Strategies and Classroom Management
- EDED 5310: Technology for Teachers
- EDRG 5372/73: Developmental Reading/ Improving Reading in Secondary Schools
- EDSE 5321: Accommodating Diverse Populations
- EDSL 5377: Teaching English as a Second Language

GTCP students must also successfully complete one of two final practicum experiences:

- EDED 5304: Internship (taken in two semesters for a total of 6 semester credit hours), OR
- EDFR 5610: Clinical teaching

For further information, contact the Graduate Teacher Certification Program at (210)784-2508 or (210)784-2502.

COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT

Graduate Programs

Dr. Eric López, Dean
Ms. Christine Moryl, Administrative Assistant
Senator Frank L. Madla Building, Room 303
(210)784-2501

The College of Education and Human Development offers graduate programs in Early Childhood, Bilingual Education, Counseling and Guidance, Educational Administration, Kinesiology, Reading, and Special Education. Graduate programs lead to the Master of Arts, Master of Science, and Master of Education degrees.

The College of Education and Human Development is dedicated to preparing individuals to assume positions of responsibility and leadership in education. The College of Education and Human Development is committed to serving an ethnically diverse population that comprises the University's student base and seeks to work cooperatively with area organizations in promoting quality education at all levels. The College of Education and Human Development's goal is to prepare qualified personnel to meet the educational challenges of society with special emphasis on the needs of San Antonio and South Texas. Students are expected to meet the Code of Ethics and Standard Practices for Texas Educators and those of their specialty area(s).

Admission to any of the graduate programs requires a baccalaureate degree and adequate course work in the field of interest and a satisfactory score on the GRE Aptitude or MAT Test.

DEPARTMENT OF EDUCATOR AND LEADERSHIP PREPARATION

Dr. Velma Villegas, Interim Department Chair
Ms. Ana Maria Hernandez, Administrative Assistant
Senator Frank L. Madla Building, Room 336
(210)784-2507

Faculty and staff are dedicated to enabling students to attain high academic, professional, and ethical standards that promote student achievement and lifelong learning. The programs prepare students to be successful in their professional careers by integrating technology, valuing diversity, and promoting authentic applications of knowledge. The College strives to offer the highest quality in teaching, research, and service.

Graduate Admission Categories

Unless otherwise specified, admission to any of the graduate programs in the Department of Educator and Leadership Preparation requires a baccalaureate degree and adequate coursework in the field of interest, and passing GRE scores. In the College of Education and Human Development an official MAT score will be accepted in lieu of the GRE.

Unconditional Admission

For unconditional admission, applicants must have

1. an undergraduate cumulative grade point average between 2.60-2.99 or an undergraduate grade point average of 3.00 or higher for the last 60 semester credits (or 90 quarter credits), and a minimum GRE composite (Q+V) score of 297 (1000 for tests taken prior to August 2011), or a minimum MAT score of 388 (MAT scores are for Education majors only), OR
2. an undergraduate cumulative grade point average between 3.00-4.00 and a minimum GRE composite (Q+V) score of 285 (800 for tests taken prior to August 2011) or minimum MAT score of 388 (MAT scores are for Education majors only).

Conditional Admission

Applicants who do not meet the GPA/GRE (or GPA/MAT) requirement may be conditionally admitted and will be allowed to take program specified required coursework. Students will be unconditionally admitted after successfully completing their first semester with a grade point average of 3.0 or above and by maintaining a GPA of 3.0 or above on all A&M-San Antonio graduate courses.

MASTER'S OF SCIENCE – BILINGUAL EDUCATION

The Master's of Science in Bilingual Education is designed to provide students with a broad understanding of bilingual education. The degree provides students a comprehensive understanding of principal theories, research, policy and effective practices designed to meet the educational needs of culturally and linguistically diverse students.

The program is open to teachers, administrators, counselors, supervisors and other professionals interested in the education of language minority students. The program is also committed to preparing teachers to work in a wide variety of settings (Bilingual Education, English as a Second Language, foreign or international language). Students work with bilingual education/ESL faculty and with partner mentor teachers in schools within and beyond the city to develop the knowledge base and skills they need to continue their teaching careers as strong and effective teachers. Admission to the program also requires that candidates for the degree demonstrate proficiency in a second language.

The Master's of Science degree is offered in two options: thesis or graduate research project. Coursework included focuses on the study of the foundations of bilingual education and second language acquisition. The demand for graduates in bilingual education is in high due to the increased population of culturally and linguistically diverse students in the United States. Institutions employing graduates include PK-12 educational settings, non-profit and/or educational agencies, and higher education institutions.

Program Details

The Master's of Science in Bilingual Education is a thirty six (36) hour degree. Twenty-four hours of required courses constitute the core of the degree. Twelve additional hours are taken by students as electives according to their particular professional interests. Courses are conveniently scheduled during the day and in the evenings and some courses are offered in hybrid or online formats.

Prerequisites

Students applying for the degree should have an interest in working with culturally and linguistically diverse students. A candidate for this degree should have proficiency in a second language or must declare English as a Second Language concentration.

Application Process

Each applicant must submit their application and required documents by the appropriate semester deadline to the Office of Admissions. The application is available online at www.applytexas.org. For questions regarding the application process, please contact The Welcome Center at (210) 784-1300. Please mail official transcripts to **Texas A&M University-San Antonio, ATTN: Graduate Admissions, One University Way, San Antonio, Texas 78224.**

Additional Required Application Credentials

In order to apply for admission to Graduate Studies, the applicant must submit an application directly to the Office of Admissions. A student must be admitted both to Graduate Studies and to a specific program in order to take courses for graduate credit. This applies to students with an undergraduate degree from Texas A&M University-San Antonio as well as to others. Students must receive a satisfactory score on the appropriate nationally standardized graduate aptitude examination(s). These scores are valid for a period of five years from the date taken. Students with graduate degrees from colleges officially approved by Texas A&M University-San Antonio who are seeking a certificate or endorsement only are exempt from the nationally standardized graduate aptitude examination requirement.

All students wanting to attend Texas A&M University-San Antonio must be proficient in the use of English. Students, regardless of immigration status, whose educational instruction has not been in the English language

and/or whose first or native language is not English, must demonstrate proficiency in English. Please refer to the Proof of English Proficiency section for more information. Texas A&M University-San Antonio complies with H.B. 1641 which considers various factors in making a decision for admission into a graduate or professional program.

Required Coursework

EDBL 5338	Foundations of Bilingual Education	3 credit hours
EDBL 5358	The Bilingual Child in the Bicultural Environment	3 credit hours
EDBL 5387	Teaching Lang Arts & Reading in the Bilingual Class	3 credit hours
EDBL 5386	Teaching Math, Science & Social Studies-Bilingual Class	3 credit hours
EDBL 5305	Graduate Research Project	3 credit hours
EDSL 5367	Language Acquisition and Development	3 credit hours
EDSL 5377	Teaching English as a Second Language	3 credit hours
EDSL 5321	Research in English as a Second Language	3 credit hours

Elective Requirement (12 hours)

The program allows students to customize their electives in the specialty/support fields listed below to achieve their academic/career endeavors.

- Bilingual/English as a Second Language
- Early Childhood
- Counseling
- Educational Administration
- Special Education

MASTER'S OF EDUCATION – EARLY CHILDHOOD

The Early Childhood Program offers a Master's degree in Early Childhood Education. The program is designed to serve the professional development needs of educators and child care professionals by preparing them to serve a diverse population of early childhood students and their families. The Early Childhood program offers students a broad understanding within the theoretical constructs which support practices for young children that are socially, culturally and individually appropriate. The program emphasizes a holistic view of the child and family while also valuing their role as integral to the community. The goal of the program is for graduates to develop the skills to engage in issues of advocacy with children and families.

The field of Early Childhood Education encompasses a range of professions including Certified Teachers, Child Development Specialists, Early Childhood Directors, Early Childhood Education Coordinators, Early Childhood Advocates and Head Start professionals. Therefore, this degree program focuses on developing the skills and thought processes of both certified and non-certified professionals who work with young children.

Program Details

The Master's of Education in Early Childhood degree requires a total of thirty six (36) graduate coursework hours. Twenty-seven hours of this degree are linked to coursework within the department of Early Childhood. The degree plan includes required and optional courses offered throughout the year. Additionally, students must identify nine hours as a support or specialty field. Students may choose from either Early Childhood, Bilingual/English as a Second Language Education, Counseling, Educational Administration, Reading or Special Education.

The capstone experience for the Master of Education includes two options. Students may elect to complete this degree by choosing the graduate research project or thesis option. Additional coursework may be required depending on the option selected. All students, regardless of the capstone experience option chosen, will complete a comprehensive exam.

Prerequisites

Applicants to the Master in Early Childhood program should have a broad base in the following areas: Child Growth and Development, Curriculum and Instruction, Consumer Sciences or Human Ecology.

I. Required Coursework (21 semester credit hours)

EDEC 5333	Foundations in Early Childhood Curriculum	3 credit hours
EDEC 5315	Advocacy	3 credit hours
EDEC 5349	Play in the Early Years	
EDEC 5312	Understanding and Valuing Young Children and Families in a Diverse Society	
EDEC 5320	Supporting the Development of Literacy	3 credit hours
EDEC 5330	Assessment Practices in Early Childhood	3 credit hours
EDEC 5310	Infants, Toddlers, Preschoolers and Families: The First Four Years	3 credit hours
II. Research Core (6 semester credit hours)		
EDEC 5314	Foundations of Research: Early Childhood	3 credit hours
EDEC 5370	Action Research in Early Childhood	3 credit hours

Elective Requirement (9 hours)

The program allows students to customize their electives in the specialty/support fields listed below to achieve their academic/career endeavors.

- Bilingual/English as a Second Language
- Early Childhood
- Counseling
- Educational Administration
- Special Education
- Reading

MASTER'S OF SCIENCE – READING

This program offers an in-depth theoretical and pedagogical understanding of literacy practices for teachers of early elementary education, secondary education and reading assessment and intervention. The degree program offers specific understanding about the nature of literacy development, paying particular attention to the acquisition of reading and its knowledge and skills through the close inspection of phonemic awareness, phonics, fluency, vocabulary, comprehension, spelling, writing, motivation, and assessment for the instruction of students with diverse learning and literacy needs. The program meets standards suggested by the International Reading Association as well as the standards set forth by the state of Texas for Reading Specialists and Master Reading Teachers. The program prepares graduates for positions as literacy coaches, reading specialists, master reading teachers and literacy administrators.

This program is intended for both continuing students and professionals engaged in education, specifically those interested in the literacy of school-age students. Master's degree seeking students, as well as Certification in Reading candidates, are encouraged to apply. A thesis or a graduate research project is available in this degree. Courses span pedagogical, methodological, and theoretical instruction in literacy education. The demands for graduates with specific knowledge in reading and particularly the intervention of reading difficulty for special populations is a current need in education. As such, the demand for continuing education in reading has never been stronger.

Program Details

The Master's of Science in Reading is a thirty six (36) hour program. The program includes three tracks depending on the students' previous education and teaching experience:

- **Track 1: Master of Science in Reading with Reading Specialist and Master Reading Teacher Certification.**

This degree plan is for educators, with a standard teaching certificate plus two years of teaching experience at a public or private accredited school, who are pursuing Reading Specialist Certification and/or Master Reading Teacher certification. This degree plan requires students to complete a Master's degree in Reading, 160 hours in clinical practicum and internship experiences in literacy, and 145 minutes of faculty observations of the graduate student in clinical practicum and leadership experiences.

- **Track 2: Master of Science in Reading (without Reading Specialist and/or Master Reading Teaching Certification)**

The Track 2 degree plan is for students who do not hold a standard teaching certificate and/or do not have two years teaching experience at a public or accredited private school. Since students cannot take the Reading Specialist test per Texas Education Agency requirements without the criteria from Track 1, students will be on the Track 2 degree plan. The Track 2 degree plan is also for graduate students who wish not to teach but may want to work for a literacy professional development company, a literacy non-profit organization, or a local, state, or national literacy agency.

In the event that a student receives two years teaching experience AND a standard teaching certificate while enrolled in graduate school, the student may take EDRG 5360 and EDRG 5380 as electives and complete the 160 hours with the required 145 minutes of faculty observations of the graduate student, which will then allow them to take the Reading Specialist test. Doing so, thereby, gives the graduate student reciprocity to become a Master Reading Teacher (MRT) also, but it takes three years of teaching experience before the MRT can be valid.

In the event that a student graduates on this track and later obtains a standard teaching certification and two years of teaching experience, he or she must reapply to graduate school to enroll in EDRG 5360 and EDRG 5380 to complete the 160 hours with the required 145 minutes of faculty observations of the graduate student, which will then allow them to take the Reading Specialist test. Doing so allows the graduate student reciprocity to become a Master Reading Teacher (MRT) also, but it takes three years of teaching experience before the MRT can be valid.

- **Track 3: Reading Specialist and/or Master Reading Teacher Certification Only**

Track 3 is for students who hold a Master’s degree from another education area, a standard teaching certificate, and two years of teaching at a public or accredited private school and are only seeking Reading Specialist and/or Master Reading Teacher Certification to add to their Master’s degree from another education area (e.g., Special Education, Bilingual, Early Childhood, or School Leadership/Administration). These students do not wish to pursue a Master’s of Science in Reading degree. These students will complete the following: 21 hours of Reading courses on Track 3 degree plan, 160 hours of clinical practicum and internship in literacy, and 145 minutes of faculty observations of the graduate student.

Track 1 Requirements: Master of Science in Reading with Reading Specialist and Master Reading Teacher Certification.

Background requirements: Standard teaching certificate and two or more years of teaching experience at a public or accredited private school (service records will be required)

Required Coursework (27 semester credit hours)

EDRG 5310	Early Literacy Learning and Instruction	3 credit hours
EDRG 5320	Improving Reading in Secondary Schools	3 credit hours
EDRG 5325	Teaching the Language Arts and Reading	3 credit hours
EDRG 5329	Foundations of Education Research: Literacy	3 credit hours
EDRG 5335	Models and Theories of in Literacy and Learning	3 credit hours
EDRG 5355	Literacy Assessment and Intervention	3 credit hours
EDRG 5360	School Wide Literacy Leadership with Clinical Practicum Component	3 credit hours
EDRG 5365	Action Research in Literacy with Graduate Research Project	3 credit hours
EDRG 5380	Internship in Literacy Leadership	3 credit hours

Additional Coursework (9 semester credit hours)

EDRG 5306	Thesis (6 hours required)	3 credit hours
EDRG 5315	Children’s and Young Adult Literature	3 credit hours

EDRG 5340	Adult Literacy	3 credit hours
EDRG 5345	Community and Family Literacies	3 credit hours
EDRG 5350	Dyslexia and Reading Differences	3 credit hours
EDRG 5367	Special Topics in Literacy	3 credit hours
EDRG 5390	Literacy Study Abroad	3 credit hours

Track 2 Requirements: Master of Science in Reading (without Reading Specialist and/or Master Reading Teaching Certification)

Required Coursework (27 semester credit hours)

EDRG 5310	Early Literacy Learning and Instruction	3 credit hours
EDRG 5320	Improving Reading in Secondary Schools	3 credit hours
EDRG 5325	Teaching the Language Arts and Reading	3 credit hours
EDRG 5329	Foundations of Education Research: Literacy	3 credit hours
EDRG 5335	Models and Theories of in Literacy and Learning	3 credit hours
EDRG 5340	Adult Literacy	3 credit hours
EDRG 5345	Community and Family Literacies	3 credit hours
EDRG 5355	Literacy Assessment and Intervention	3 credit hours
EDRG 5365	Action Research in Literacy with Graduate Research Project	3 credit hours

Additional Coursework (9 semester credit hours)

EDRG 5306	Thesis (6 hours required)	3 credit hours
EDRG 5315	Children's and Young Adult Literature	3 credit hours
EDRG 5350	Dyslexia and Reading Differences	3 credit hours
EDRG 5360	School Wide Literacy Leadership with Clinical Practicum Component	3 credit hours
EDRG 5367	Special Topics in Literacy	3 credit hours
EDRG 5380	Internship in Literacy Leadership	3 credit hours
EDRG 5390	Literacy Study Abroad	3 credit hours

Track 3 Requirements: Reading Specialist and/or Master Reading Teacher Certification Only

Background requirements: Master's degree in another education discipline, standard teaching certificate and, if taking the Reading Specialist Certification Exam, two or more years of teaching experience at a public or accredited private school (service records will be required)

Required Coursework (21 semester credit hours)

EDRG 5310	Early Literacy Learning and Instruction	3 credit hours
EDRG 5320	Improving Reading in Secondary Schools	3 credit hours
EDRG 5325	Teaching the Language Arts and Reading	3 credit hours
EDRG 5335	Models and Theories of in Literacy and Learning	3 credit hours
EDRG 5355	Literacy Assessment and Intervention	3 credit hours
EDRG 5360	School Wide Literacy Leadership with Clinical Practicum Component	3 credit hours
EDRG 5380	Internship in Literacy Leadership	3 credit hours

MASTER'S OF EDUCATION - SPECIAL EDUCATION

The Master's of Education in Special Education is one of the most versatile graduate degrees offered at Texas A&M University-San Antonio. The Special Education program offers students a broad understanding within the theoretical and practical constructs which support practices for children with special needs. The program emphasizes practical application of knowledge gained while encouraging current research analysis. The program goal is intended for graduates to develop the skills to engage in issues of advocacy.

The Special Education professional will be afforded various opportunities to work with students, their families, other professionals and the community to enable students with special needs to become productive members of society. Therefore, this program focuses on developing the skills and thought processes of both certified and non-certified professionals who work with the spectrum of children with special needs.

Program Details

The Master's of Education in Special Education requires a total of thirty six (36) hours of graduate coursework. The degree affords the student a choice of three specialization areas: Assessment (Educational Diagnostician Certification), Instructional Specialist, and an Autism/Emotional Disturbed focus. A "certificate only" plan is also available for professional educators who have a Master's and wish to seek TEA certification as an Educational Diagnostician. The capstone experience for the Master's of Education includes two options: a Graduate Research Project or Thesis. Additional coursework may be required depending on the option selected. All students, regardless of the capstone experience option chosen, will be required to exhibit content proficiency on a comprehensive exam. Candidates seeking certification as an Educational Diagnostician must request an application from the Educator Preparation and Certification Center during their first semester of graduate studies.

Prerequisites

Students who apply to the Master's of Education in Special Education program should have a broad base in one or more of the following areas:

- Child Growth and Development
- Curriculum and Instruction
- Special Education

Instructional Specialist Track: Required Coursework (24 hours)

EDSE 5321	Accommodating Diverse Populations in the Classroom	3 credit hours
EDSE 5326	Behavior Aspects of Classroom Organization & Mgt	3 credit hours
EDSE 5325	Development and Disability	3 credit hours
EDSE 5322	Educational Testing and Measurement	3 credit hours
EDSE 5324	Designing Instructional & Behavioral Programs for Spec Educ	3 credit hours
EDSE 5327	Special Populations: Legislation, Litigation, & Advocacy	3 credit hours
EDSE 5328	Practicum in Special Education (Instructional &/or AU-ED)	3 credit hours
EDSE 5301	Research in Special Education	3 credit hours

Additional Coursework (12 hours)

The program allows students to customize their electives in the specialty/support fields listed below to achieve their academic/career endeavors. Additional coursework may include Thesis hours.

- Bilingual/English as a Second Language
- Early Childhood
- Counseling
- Educational Administration
- Special Education

Assessment Focus (Educational Diagnostician): Required Coursework (27 hours)

EDSE 5322	Educ Testing and Measurement of Exceptional Learner	3 credit hours
EDSE 5324	Designing Instructional & Behavioral Programs for Spec Educ	3 credit hours
EDSE 5325	Development and Disability	3 credit hours
EDSE 5327	Special Populations: Legislation, Litigation, & Advocacy	3 credit hours
EDSE 5351	Advanced Behavior Analysis and Interventions	3 credit hours
EDSE 5374	Educational & Psychological Measurement & Evaluation	3 credit hours
EDSE 5375	Advanced Practicum in SPED Assessment (Intern I)	3 credit hours
EDSE 5376	Individual Psychological & Educational Assessment (Intern II)	3 credit hours
EDSE 5301	Research in Special Education (Fall/Spring only)	

Additional Coursework (9 hours)

The program allows students to customize their electives in the specialty/support fields listed below to achieve their academic/career endeavors. Additional coursework may include Thesis hours.

- Bilingual/English as a Second Language
- Early Childhood
- Counseling
- Educational Administration
- Special Education

Autism/Emotional Behavior Disorder Focus: Required Coursework (36 hours)

EDSE 5309	Special Education: Special Problems (Professional Collaboration)	3 credit hours
EDSE 5322	Educ Testing and Measurement of Exceptional Learner	3 credit hours
EDSE 5324	Designing Instructional & Behavioral Programs for Spec Educ	3 credit hours
EDSE 5325	Development and Disability	3 credit hours
EDSE 5326	Behavioral Aspects of Classroom Org and Mgmt	3 credit hours
EDSE 5327	Special Populations: Legislation, Litigation, & Advocacy	3 credit hours
EDSE 5328	Practicum in Special Education (AU/ED Placement)	3 credit hours
EDSE 5353	Autism Spectrum Disorders and Related Issues	3 credit hours
EDSE 5355	Assessment & Educational Procedures for Low Incident Pops	3 credit hours
EDSE 5354	Emotional Disorders and Related Issues	3 credit hours
EDSE 5351	Advanced Behavior Analysis and Interventions	3 credit hours
EDSE 5301	Research in Special Education	3 credit hours

Educational Diagnostician Certificate

Candidates seeking only Educational Diagnostician Certification must earn a minimum of 24 semester credit hours as follows:

Required Coursework (24 hours)

EDSE 5322	Educ Testing and Measurement of Exceptional Learner	3 credit hours
EDSE 5324	Designing Instructional & Behavioral Programs for Spec Educ	3 credit hours
EDSE 5325	Development and Disability	3 credit hours
EDSE 5327	Special Populations: Legislation, Litigation, & Advocacy	3 credit hours
EDSE 5351	Advanced Behavior Analysis and Interventions	3 credit hours
EDSE 5374	Educational & Psychological Measurement & Evaluation	3 credit hours
EDSE 5375	Advanced Practicum in SPED Assessment (Intern I)	3 credit hours
EDSE 5376	Individual Psychological & Educational Assessment (Intern II)	3 credit hours

MASTER'S OF ARTS IN EDUCATIONAL ADMINISTRATION.

The Master's of Arts in Educational Administration degree program prepares aspiring leaders with theory and practice in school administration. The program is designed for students interested in educational leadership whose career goals include a principalship or a superintendency. The Master's of Arts in Educational Administration meets the principalship certification requirements in the state of Texas. It is estimated that the average length of time which is required to complete the Master's degree is two years. Some of the coursework is offered in a combination of face-to-face and online coursework. This hybrid combination affords students the greatest amount of freedom and flexibility while also including face-to face support, resulting in highly skilled graduates. Principal certification and superintendent certification programs are also offered for professionals requiring certification only.

Program Admission Requirements

In order to receive unconditional admission to the program, students must meet University admission requirements. Recommendations from campus and/or district supervisors will be considered for conditional admission. Students who are seeking principal or superintendent certification and already possess a graduate degree will not be required to submit GRE or MAT scores for program admission. Students in this program must have a valid Texas teaching certificate for entrance into the program. Applicants without an appropriate background may be required to submit additional materials or complete additional preparatory coursework. Such coursework will be determined by the Program Coordinator.

Graduation Requirements

Candidates for the Master's of Arts degree in Educational Administration must earn a minimum of 36 semester credit hours and maintain a minimum overall GPA of 3.0. Normal course loads consist of 6-9 hours per semester. Students must pass a comprehensive examination, administered during the final semester of coursework, as part of the requirements for graduation.

Program Policies and Standards

Admission to the program does not guarantee fitness to remain in the program. Only those students who meet program standards will be allowed to continue in the program as decided by the Educational Leadership program faculty. Fitness criteria include: The Texas Code of Ethics for Educators (TAC 247.2) and Texas A&M University-San Antonio Graduate Student Handbook Student Misconduct Standards (see student handbook).

Transferability of Courses

Transfer courses are limited to six hours in this program and are subject to approval by the Department Chair and Director of Graduate Studies. Transferred courses must have been taken within the last five years. Courses must meet requirements for program alignment. Internship courses that include the demonstration of leadership skills will not be eligible for transfer credit. Courses previously used for the completion of a graduate degree will not be approved for transfer to a subsequent graduate degree. All requests for the transfer of courses must be made within the first semester of enrollment.

Incompletes "I"

The spirit of the "Incomplete" is to give a student an opportunity to complete a course after the end of the semester. An Incomplete will only be considered under specific circumstances:

1. 70% of the class has been completed and student is passing with a "C" or better
2. The circumstance for which the "I" is requested is supported with documentation
3. Student has been attending class on a regular basis

Incompletes are not to be used to remedy excessive missed classes. Unforeseen circumstances precipitating the request for an "I", should occur near the end of the semester. Students who are experiencing difficulties at the beginning or midway through the course should contact their professor immediately to discuss options. When a professor agrees to grant an "I", a contract between the student and professor that outlines a specific timeline for completion of the course will be generated. Topics such as highest possible grade will also be outlined. If contract is not fulfilled, the professor will submit a change of grade form with earned letter grade. All "I"s will automatically revert to an "F" after one year.

Dropping a Course

Each student is responsible for knowing the drop dates for any given semester. Professors are not responsible, under any circumstances, for “dropping” a student from a course. To formally drop a course, students must obtain a drop form at the department under the program. Failure to fulfill academic requirements, related to dropping a course may result in a recorded failing grade.

Degree Requirements

Candidates for the Master of Arts degree in Educational Administration must earn a minimum of 36 semester credit hours. Students must pass a comprehensive examination toward the end of their formal coursework.

Required Graduate Coursework (27 semester credit hours)

EDAD 5301	Behavioral and Organizational Foundation of Education	3 credit hours
EDAD 5302	Elementary and Secondary Curricula	3 credit hours
EDAD 5313	School Administration: Public School Finance	3 credit hours
EDAD 5315	Administration of the Various Special Programs in Education	3 credit hours
EDAD 5341	School Administration	3 credit hours
EDAD 5342	Principalship — Elementary and Secondary Schools	3 credit hours
EDAD 5345	Internship in School Administration	3 credit hours
EDAD 5383	Public School Law	3 credit hours
EDAD 5329	Educational Research	3 credit hours

Required Courses (9 semester credit hours):

EDAD 5307	School Administration: Advanced Problems	3 credit hours
EDAD 5312	Supervision: Advanced Problems	3 credit hours
EDAD 5330	Multicultural Education for Educators	3 credit hours
EDAD 5344	Supervision	3 credit hours
EDAD 5382	School Public Relations	3 credit hours

Principal Certification Only

Candidates seeking only Principal Certification must earn a minimum of 24 semester credit hours as follows:

EDAD 5341	School Administration	3 credit hours
EDAD 5301	Behavioral and Organizational Foundation of Education	3 credit hours
EDAD 5315	Administration of the Various Special Programs in Education	3 credit hours
EDAD 5342	Principalship — Elementary and Secondary Schools	3 credit hours
EDAD 5383	Public School Law	3 credit hours
EDAD 5313	School Administration: Public School Finance	3 credit hours
EDAD 5344	Supervision	3 credit hours
EDAD 5345	Internship in School Administration	3 credit hours

Superintendent Certification Only

Candidates seeking only Superintendency Certification must earn a minimum of 15 semester credit hours as follows:

EDAD 5317	Workshop: Advance School Problems	3 credit hours
EDAD 5351	Staff and Pupil Personnel Administration	3 credit hours
EDAD 5352	Educational Facilities Planning	3 credit hours
EDAD 5381	Administration & Management of Special Programs	3 credit hours
EDAD 5385	Superintendency Internship	3 credit hours

Additional Policies and Standards

Successful completion of the Master’s of Arts in Educational Administration degree and passing the Texas Examinations of Educator Standards (TExES) promotes students to be recommended for the State of Texas principalship or superintendency certification. Following are the State requirements for principal and superintendents in the state of Texas:

Texas Principal Certificate Requirements

- Successfully complete a principalship preparation program;
- Pass the principal certification exam (TExES-068 Principal Exam);
- Hold a master's degree from an accredited institution of higher education; and
- Document two years of classroom teaching experience in an accredited school.
- Hold a valid teaching certification in the State of Texas (TAC §241.15).

Texas Superintendent Certificate Requirements (TAC 242.20)

To be eligible to receive the standard Superintendent Certificate, a candidate must:

- (1) satisfactorily complete an examination based on the standards identified in §242.15 of this title (relating to Standards Required for the Superintendent Certificate); and
- (2) successfully complete a State Board for Educator Certification-approved superintendent preparation program and be recommended for certification by that program; and
- (3) hold, at a minimum, a master's degree from an accredited institution of higher education that at the time was accredited or otherwise approved by an accrediting organization recognized by the Texas Higher Education Coordinating Board; and
- (4) hold, at a minimum, a principal certificate or the equivalent issued under this title or by another state or country; or
- (5) have at least three creditable years of managerial experience in a public school district.
 - (A) The managerial experience must include responsibility for:
 - (i) supervising or appraising faculty or staff;
 - (ii) conducting district-level planning and coordination of programs, activities, or initiatives; and
 - (iii) creating or maintaining a budget.
 - (B) The candidate must submit an application to Texas Education Agency (TEA) staff for the substitution of managerial experience as defined in this paragraph. The TEA staff will review the application and will notify the applicant, in writing, of approval or denial within 60 calendar days from date of receipt.

In order to take the state exam, a candidate must meet academic competency requirements and receive approval to test from Texas A&M-San Antonio (TAC §242.5).

DEPARTMENT OF COUNSELING, HEALTH AND KINESIOLOGY

Dr. Mary Mayorga, *Interim Department Chair*
Ms. Melissa Beene, *Administrative Assistant*
Brooks City Base, Bldg. 775, Room 122
(210)784-2521

The Department of Counseling, Health and Kinesiology is committed to extending the knowledge base of counseling, health and kinesiology through a combination of scholarly inquiry, reflective practices and student centered learning. The faculty and staff are dedicated to preparing counselors and health/kinesiology professionals to meet the challenges of a growing and diverse community. The department offers a Master of Arts in Counseling and Guidance, a Master of Arts in Marriage and Family Therapy, and a Master of Science in Kinesiology.

Graduate Admission

Unless otherwise specified, admission to any of the graduate programs in the Department of Counseling, Health, and Kinesiology requires a baccalaureate degree and adequate coursework in the field of interest, and passing GRE scores. In the College of Education and Human Development an official MAT score will be accepted in lieu of the GRE.

Prospective students must have at least a 2.6 cumulative undergraduate GPA or at least a 3.0 on the last 60 hours.

Unconditional admission is assigned to entering students who have earned a baccalaureate degree from a regionally accredited college or university and who meet one of the following sets of minimum requirements:

1. Have an undergraduate cumulative grade point average between 2.60-2.99 or an undergraduate grade point average of 3.00 or higher for the last 60 semester credits (or 90 quarter credits), and a minimum GRE composite (Q+V) score of 297 (1000 for tests taken prior to August 2011) or minimum MAT score of 398 (MAT scores are for Education majors only).
2. Have an undergraduate cumulative grade point average between 3.00-4.00 and a minimum GRE composite (Q+V) score of 285 (800 for tests taken prior to August 2011) or minimum MAT score of 388 (MAT scores are for Education majors only).

Conditional Admission

Conditional Admission means that an applicant's standardized test results have not been received by the Office of Admissions by the time of registration for a given semester. A student will be allowed to enroll in a maximum of 9 semester hours when admitted conditionally. The student must submit standardized test scores during the first semester of enrollment to be admitted to unconditional status. International applicants are not eligible for Conditional Admission at Texas A&M University-San Antonio.

Special Requirements for the Graduate Counseling Programs

Prospective counseling students who have completed a graduate or professional degree (i.e., a degree beyond a four-year baccalaureate degree) from a college or university accredited by one of the six regional accrediting agencies are not exempt from test score requirements. All prospective students must meet the test score requirements outlined above. To be considered for admission into any of the counseling programs, students with previous graduate coursework must be in good standing with their prior university.

To ensure a solid foundation for counseling coursework, the counseling program coordinator has the right to examine an applicant's undergraduate transcript and require additional prerequisite coursework if necessary.

MASTER'S OF ARTS IN COUNSELING AND GUIDANCE.

It is the goal of the Guidance & Counseling Program to serve the needs of the San Antonio community, local school districts, and our military community by developing highly skilled school counselors, mental health counselors, and

marriage and family therapists. The Department of Counseling, Health and Kinesiology offers a Master of Arts in Counseling and Guidance.

Individuals with a bachelor's degree and an interest in developing the skills necessary to be effective mental health professionals should apply. Applicants interested in School Counselor Certification will need to document two years of teaching experience in an accredited school.

Program Details

The Master of Arts degree (M.A.) in Counseling & Guidance requires forty-eight hours of counseling coursework and includes three specialized tracks:

- School Counseling,
- Mental Health Counseling, and
- Marriage & Family Counseling with a Military Emphasis.

The School Counseling track is designed for students wishing to work in the school setting. This specialized track emphasizes the implementation and management of school counseling programs while training highly skilled mental health professionals to utilize therapeutic and developmental principles to effect change. The School Counseling track satisfies academic requirements for School Counselor Certification in the State of Texas as well as Licensed Professional Counselor (LPC) in the State of Texas.

The Mental Health Counseling track prepares students for employment in a wide variety of mental health and human services settings. This track allows for nine hours of specialized training in student-selected coursework and satisfies academic requirements for the Licensed Professional Counselor (LPC) in the State of Texas. Students in this program learn to apply mental health, psychotherapeutic and lifespan development principles to facilitate client adjustment and development.

The Master of Arts in Marriage and Family Therapy requires sixty hours of counseling coursework. The MA in Marriage and Family Therapy offers students the opportunity to explore the family system within the context of the Military. This program will be unique due to the opportunity the students have to counsel individuals and families whose family members have been enlisted in the military.

Program Admission Details

Students seeking admission to the program must meet the basic requirements outlined in the Admission section of this catalog. Applicants without an appropriate background may be required to complete additional preparatory coursework. Such coursework will be determined by the Program Coordinator.

Degree Requirements

Normal course loads consist of 6-9 hours per semester. Candidates for the Master of Arts degree in Counseling and Guidance must earn a minimum of 48 semester credit hours and maintain a minimum overall GPA of 3.0. Students must pass a comprehensive examination, administered during the final semester of coursework, as part of the requirements for graduation with the Master of Arts degree.

MA in Counseling and Guidance: Mental Health Counseling Track: 39 hours of required courses and 9 hours of counseling electives

Course Number	Course Name
EDCG 5302	Introduction to Counseling
EDCG 5333	Research in Counseling
EDCG 5311	Theories of Counseling
EDCG 5335	Human Development Across the Lifespan
EDCG 5342	Counseling Diverse Populations and Military Cultures
EDCG 5328	Group Counseling Techniques
EDCG 5327	Abnormal Human Behavior
EDCG 5313	Ethics and Legal Issues
EDCG 5325	Assessment
EDCG 5317	Counseling Techniques

EDCG 5353	Career Counseling
EDCG 5356	Field Practicum for Counselors (150 hours)
EDCG 5385	Internship (200 hours)
EDCG 53XX	Graduate-level Counseling Elective
EDCG 53XX	Graduate-level Counseling Elective
EDCG 53XX	Graduate-level Counseling Elective

**MA in Counseling and Guidance: School Counseling Track:
48 required hours**

Course Number	Course Name
EDCG 5316	Introduction to School Counseling
EDCG 5333	Research in Counseling
EDCG 5311	Theories of Counseling
EDCG 5335	Human Development Across the Lifespan
EDCG 5342	Counseling Diverse Populations and Military Cultures
EDCG 5328	Group Counseling Techniques
EDCG 5327	Abnormal Human Behavior
EDCG 5313	Ethics and Legal Issues
EDCG 5325	Assessment
EDCG 5317	Counseling Techniques
EDCG 5353	Career Counseling
EDCG 5352	Developmental Counseling Curriculum
EDCG 5319	Systemic Intervention with Youth
EDCG 5332	Substance Abuse
EDCG 5351*	Practicum for School Counselors (160 hours)*
EDCG 5356	Field Practicum for Counselors (150 hours)

**must be completed in a school setting during fall or spring semesters only*

MASTER'S OF ARTS – MARRIAGE AND FAMILY THERAPY

**MA in Marriage and Family Therapy:
48 hours of required courses and 12 hours of counseling electives**

Course Number	Course Name
EDCG 5335	Human Development across the Lifespan
EDCG 5333	Research in Counseling
EDCG 5342	Counseling Diverse Populations & Military Cultures
EDCG 5325	Assessment
EDCG 5327	Abnormal Human Behavior
EDCG 5313	Ethics and Legal Issues
EDCG 5332	Substance Abuse Counseling
EDCG 5328	Group Counseling Techniques
EDCG 5340	Basic Theories and Techniques in Counseling and Marriage and Family Therapy
EDCG 5314	Theoretical Foundations of Marriage & Family Therapy
EDCG 5308	Clinical Treatment: Couples, Families and Military Populations
EDCG 5307	Military Experience of Trauma
EDCG 5309	Counseling Individuals, Couples & Families in the Military Community
EDCG 5356	Field Practicum for Counselors (150 hours)
EDCG 5359	Advanced Practicum (200 hours)
EDCG 5359	Advanced Practicum (200 hours)
EDCG 53XX	Graduate-level Counseling Elective
EDCG 53XX	Graduate-level Counseling Elective
EDCG 53XX	Graduate-level Counseling Elective
EDCG 53XX	Graduate-level Counseling Elective

Program Policies and Standards

The following policies are included in this bulletin for clarification purposes and apply to current and future students regardless of entry year.

Fitness to Practice

Admission to the program does not guarantee fitness to remain in the program. Only those students who meet program standards will be allowed to continue in the program. Students pursuing a Master of Arts degree in Counseling & Guidance must meet fitness to practice standards that are assessed by faculty throughout the program. These standards include demonstration of emotional and mental fitness in their interaction with others as well as conformance with codes of professional counseling associations and of the state of Texas. Students who fail to demonstrate fitness or conformance to appropriate codes may be asked to enter into a remediation plan in order to remain in the program. If a remediation plan is developed, students must demonstrate satisfactory remediation prior to being allowed to proceed toward graduation. In rare cases, a student's ability to practice may exceed remediation and a recommendation for removal from the program is possible.

Transferability of Courses

Transfer courses are limited to six hours and subject to approval by the Department Chair and Director of Graduate Studies. Courses that include the demonstration of counseling skills will not be eligible for transfer credit. Courses previously used for one graduate degree will not be approved for transfer to a subsequent graduate degree. All requests for the transfer of courses must be made within the first semester of enrollment.

Course Load

Normal course loads consist of 6-9 hours per semester with a minimum grade of "B" required for all skills courses (EDCG 5317, EDCG 5328, EDCG 5351, and EDCG 5356). Only grades of "A" or "B" will be accepted toward this degree. Candidates for the Master of Arts degree in Counseling and Guidance must earn a minimum of 48 semester credit hours and maintain a minimum overall GPA of 3.0. Students must pass a comprehensive examination, **upon completion of core** coursework, as part of the requirements for graduation with the Master of Arts degree.

School Counselor Certification

Eligibility for the standard Texas school counselor certificate requires that a candidate:

1. Successfully complete a school counselor preparation program;
2. Pass the school counselor certification exam (TExES-152 School Counselor Exam);
3. Hold a master's degree from an accredited institution of higher education; and
4. Document two years of classroom teaching experience in an accredited school.

In order to sit for the state exam, a candidate must meet academic competency requirements and receive approval to test from the school counseling program coordinator. Students wishing to register for the TExES School Counselor Exam will meet with the School Counseling Program Coordinator at least four weeks prior to the TExES registration deadline.

Incompletes

The spirit of the "Incomplete" is to give a student an opportunity to complete a course after the end of the semester.

An Incomplete will only be considered under specific circumstances:

1. 70% of the class has been completed and student is passing with a "C" or better
2. The circumstance for which the "I" is requested is supported with documentation
3. Student has been attending class on a regular basis

Incompletes are not to be used to remedy excessive absences. Unforeseen circumstances precipitating the request for an "I", should occur near the end of the semester. Students who are experiencing difficulties at the beginning or midway through the course should contact their professor immediately to discuss options. When a professor agrees to grant an "I", a contract between the student and professor that outlines a specific timeline for completion of the course will be generated. Topics such as highest possible grade will also be outlined. If the contract is not fulfilled, the professor will submit a change of grade form with earned letter grade. All "I"s will automatically revert to an "F" after one year.

Dropping a Course

Each student is responsible for knowing the drop date for any given semester. Professors are not responsible, under any circumstances, for “dropping” a student from a course. Please be aware that if you do not formally drop a course and fail to fulfill the academic requirements, the professor will submit the earned grade.

Practicum Eligibility

In order for a student to participate in a Counseling Practicum at Texas A&M University-San Antonio, the student must have demonstrated proficiency in benchmark assessments spaced throughout the Counseling Program. Additionally, all skill-level courses must have been successfully completed at Texas A&M University-San Antonio.

Two semesters prior to enrollment in Practicum, the student will meet with the Graduate Advisor to discuss practicum application deadlines, approved practicum sites, and required paperwork for admission to Practicum. Adhering to published deadlines, students will complete and submit all required paperwork to the Graduate Advisor for practicum registration approval. Students must complete core courses, be in “good standing” and have no outstanding Incompletes to be approved for admission to practicum. Students must maintain the highest standards of professional behavior in order to continue enrollment in Practicum.

MASTER’S OF SCIENCE - KINESIOLOGY

The mission of the Master of Science in Kinesiology program is to promote the study of health/fitness/wellness, sport administration, pedagogy, and exercise science through teaching, research, and service in health and kinesiology. This program includes several plans that vary with thesis or non-thesis options for support and elective classes, is designed to help students develop conceptual and theoretical thinking skills, and to obtain knowledge and abilities that will prepare them as scholars, future leaders, practitioners, educators, or administrators in their respective areas. The kinesiology program offers a graduate degree that prepares students for health- and/or kinesiology-related careers in the public or private sectors.

Students who are interested in pursuing a doctoral degree, teaching as a lecturer in junior and senior colleges, qualifying for positions and/or advancement in public schools or corporate and clinical settings should consider applying for the program.

Program Details

The degree may be pursued under a 30-credit hour thesis program (Plans I-A or I-B) or a 36-credit hour program requiring a research project (Plan III). Plans I-A and III also afford students the opportunity to take coursework in a resource area(s) or supporting field. Students may pursue a kinesiology generalist degree or may choose to tailor their major elective, resource area(s), supporting field coursework and/or research so that their degree plan emphasizes sport administration/kinesiology pedagogy or health/exercise science

The Human Performance Laboratory

The Human Performance Laboratory houses equipment for class laboratories and research data collection, which includes: exercise testing treadmill and cycle ergometers, body composition equipment, a ParvoMedics TrueOne® 2400 Metabolic Cart, Spiropet spirometers, heart rate monitors, aneroid and mercury blood pressure cuffs, lipid, glucose, and lactate analyzers, O₂ saturation monitors, stopwatches, metronomes, goniometers, inclinometers, hand dynamometers, pedometers, and other fitness testing equipment. Students are exposed to laboratory experiences, research opportunities and use of technology commonly employed in the kinesiology field.

Curricula

Core Courses (9 credit hours)

EDKN 5312	Physiology of Exercise	3 credit hours
EDKN 5317	Research Methods in Kinesiology	3 credit hours
EDKN 5338	Statistical Analysis of Research Data	3 credit hours

Elective Requirement (3 to 15 credit hours, depending on plan)

EDKN 5301	Sports Coaching and Officiating	3 credit hours
EDKN 5303	Teaching College Physical Education	3 credit hours
EDKN 5308	Administration of Athletics	3 credit hours
EDKN 5309	Organization & Administration of Kinesiology Programs	3 credit hours
EDKN 5315	Current Issues in Kinesiology Programs	3 credit hours
EDKN 5316	History & Philosophy of Sport & Human Performance	3 credit hours
EDKN 5333	Seminar in Selected Topics (May be repeated for credit as topics change)	3 credit hours

Research (3 to 6 credit hours, depending on plan)

EDKN 5305	Graduate Research Project	3 credit hours
EDKN 5306	Thesis (2 semesters)	6 credit hours

Support Areas (0 to 12 credit hours, depending on plan)

These courses include, but are not limited to:

- Health
- Guidance and Counseling
- Educational Administration
- Management

The Master of Science in Kinesiology also offers an option to pursue Principal Certification. The total number of hours for the MS in Kinesiology with Administrator Certification is 48. 160 clock hours are required for the Internship in School Administration (EDAD 5345). After 12 hours of EDAD coursework have been completed in the program, students may take the Principal (068) practice TExES Exam. This provides students with an option to be an Athletic Director or Principal.

Required Coursework (36 semester credit hours)

EDKN 5312	Physiology of Exercise	3 credit hours
EDKN 5317	Research Methods in Kinesiology	3 credit hours
EDKN 5338	Statistical Analysis of Research Data	3 credit hours
EDKN 5305	Graduate Research Project	3 credit hours
EDAD 5341	School Administration	3 credit hours
EDAD 5301	Behavioral and Organizational Foundation of Education	3 credit hours
EDAD 5344	Supervision	3 credit hours
EDAD 5315	Administration of the Various Special Programs in Education	3 credit hours
EDAD 5342	Principalship — Elementary and Secondary Schools	3 credit hours
EDAD 5383	Public School Law	3 credit hours
EDAD 5313	School Administration: Public School Finance	3 credit hours
EDAD 5345	Internship in School Administration	3 credit hours

Students pursuing this option must also complete 4 major elective courses from the course offerings below:

Major Elective Courses (12 semester credit hours)

EDKN 5301	EDKN 5315	EDHL 5311
EDKN 5308	EDKN 5316	EDHL 5321
EDKN 5309	EDKN 5333	EDHL 5322

FACULTY ROSTER

- Alonzo, Robert, Assistant Professional Track, Criminology; B.B.A., St. Mary's University; M.S., University of Phoenix
- Alsmadi, Izzat, Assistant Professor, Computer Science; B.S., Mut'ah University, Jordan; M.S., University of Phoenix; M.S., Ph.D., North Dakota State University
- Audet, Barbara, Assistant Professor, Communications; B.A., Salisbury University; M.A., The Ohio State University
- Ayres, Jackson, Assistant Professor, English; B.A., University of Kansas; M.A., Kansas State University; Ph.D., University of Arkansas
- Balasubramanya, Mirley, Professor, Mathematics; Dean of the College of Arts & Sciences; M.S., Indian Institute of Technology; Ph.D., Iowa State University
- Barragán-Goetz, Philis María, Lecturer, History; B.A., The University of Texas at Austin; M.A., The University of Texas at San Antonio; Ph.D., The University of Texas at Austin
- Barrera, Gilbert, Visiting Assistant Professor, Business Law; B.A., St. Mary's University; B.B.A., The University of Texas at San Antonio; M.P.A., The University of Texas at San Antonio; J.D., St. Mary's University
- Barton, Kevin A., Associate Professional Track, Computer Information Systems; B.S., Nova Southeastern University; M.S., Our Lady of the Lake University; Ph.D., Nova Southeastern University
- Batch, Nancy, Lecturer, Accounting; B.S., Virginia Tech; M.S., The University of Texas at Dallas; M.B.A., The University of Texas at Dallas
- Blackburn-Harris, Shelley, Associate Professor, Curriculum and Instruction; B.A., The University of Texas at Arlington; M.Ed., The University of Texas at Arlington; Ph.D., University of North Texas
- Bliss, Ann V., Associate Professor, English; B.A., University of California-Berkeley; M.A., California State University-East Bay; Ph.D., University of California-Davis
- Bohmann, Amy Kristine, Associate Professor, Psychology; B.A., Texas Lutheran University; M.A., Texas Tech University; Ph.D., Texas Tech University
- Brantley, Brian C., Associate Professor, Communications; B.A., University of Houston; M.A., University of Houston; Ph.D., University of Alabama
- Bridgman, Katherine Tansey, Assistant Professor, English; B.A., University of North Carolina-Asheville; M.A., Florida State University; Ph.D., Florida State University
- Bulut, Memet, Lecturer, Mathematics; B.S., Selcuk Universitesi; M.S., Texas Tech University
- Bulut, Ummugul, Assistant Professor, Mathematics; B.S., Fatih University; M.S., Ph.D., Texas Tech University
- Burdwell, Robert, Assistant Professional Track, Computer Information Systems; A.A.S., Wayland Baptist University; B.S., Wayland Baptist University; M.S., University of Phoenix; Ph.D., Capella University
- Bush, William Sebastian, Associate Professor, History; Chair of the Department of Humanities & Social Sciences; B.A., University of New Orleans; M.A., University of Nevada-Las Vegas; Ph.D., The University of Texas at Austin
- Calafiore, Pablo, Associate Professor, Finance; B.A., River Plate University; M.B.A., The University of Texas Pan American; Ph.D., The University of Texas Pan American
- Cook, Katrina D., Associate Professor, Counseling; B.A., The University of Texas at Austin; M.A., The University of Texas at San Antonio; Ph.D., The University of Texas at San Antonio
- Correa, Jennifer, Assistant Professor, Sociology; B.S., Texas A&M University-Kingsville; M.S., Oklahoma State University; Ph.D., University of Missouri-Columbia
- Coulton, Gary F., Associate Professor, Psychology; B.A., The University of New Mexico; M.A., Trinity University; Ph.D., Auburn University
- Cox, Cody B., Associate Professor, Psychology; B.A., Southwestern University; M.A., Wake Forest University; Ph.D., Rice University
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- DeGrassi, Sandra Wolverton, Assistant Professor, Management; B.B.A., The University of Texas at Austin; Ph.D., Texas A&M University
- Del Pilar, Joselyn, Assistant Professor, Chemistry; B.S., University of Puerto Rico; M.S., Ph.D., The Ohio State University
- Dorel, Theresa, Assistant Professor, Special Education; B.A., Our Lady of the Lake University; M.A., Our Lady of the Lake University; Ed.D., The University of Texas at San Antonio
- Duong, Hoan, Lecturer, Mathematics; B.S., M.S., Concordia University; Ph.D., University of Ottawa

Dwyer, Sarah, Lecturer, English; B.A., University of Iowa; M.A., University of Rochester

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Finley, James, Assistant Professor, English; B.A., Grinnell College; M.A., Ph.D., University of New Hampshire

Frantzen, Durant, Associate Professor, Criminology; B.S., Texas State University; M.S., Texas State University; Ph.D., Sam Houston State University

Gage, Scott, Assistant Professor, English; B.A., M.F.A., Louisiana State University; Ph.D., Florida State University

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Gillen, Katherine, Assistant Professor, English; B.A., University of Vermont; M.A., University of New Hampshire; Ph.D., University of New Hampshire

Glaser, Daniel A., Associate Professor, Management; B.M., East Texas State University; M.B.A., University of North Texas; Ph.D., University of North Texas

Green II, Richard, Associate Professor, Accounting; B.S., Southwest Missouri State College; M.P.A., University of Missouri; Ph.D., Saint Louis University

Green, Carolyn Wilson, Professor, Computer Information Systems; B.A., University of Houston; Ph.D., University of Houston

Greene, Thomas, Lecturer, History; B.A., Carnegie Mellon University; Ph.D., Loyola University-Chicago

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Harun, Syed, Professor, Economics and Finance; Chair of the Department of Business; B.S.S., University of Dhaka; M.S.S., University of Dhaka; M.A., University of New Orleans; Ph.D., University of New Orleans

Haskin, Stacey, Lecturer, Reading; B.A., The University of Southern Mississippi; M.Ed., Concordia University-Austin

Hinojosa, Tamara, Assistant Professor, Counseling; B.S., The University of Texas at Austin; M.S., Pennsylvania State University; Ph.D., Pennsylvania State University

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Sanders, Andrew, Assistant Professor, Political Science; B.Sc., Napier University; M.A., Ph.D., Queen's University

Santos, Adrianna, Assistant Professor, English; B.A., The University of Texas at Austin; M.A., Ph.D., University of California-Santa Barbara

Siegal, Lisa Dawn, Lecturer, Marketing; B.A., University of Pennsylvania; M.B.A., New York University

Simpson, Joseph M., Assistant Professor, Sociology; B.S., Cameron University; M.S., Ph.D., Oklahoma State University

Smith, John Damien, Associate Professor, Kinesiology; B.S., The University of Texas at San Antonio; M.S., Texas A&M University-Kingsville; Ph.D., Texas Woman's University

Smith, Rosalyn, Lecturer, Kinesiology; B.S., The University of Texas at San Antonio; M.S., Texas A&M University-Kingsville

Snow, Brent M., Professor, Counseling; Senior Associate to the President; B.S., Brigham Young University; M.S., Oklahoma State University; Ph.D., University of Idaho

Sorrell, Adrian, Associate Professional Track, Special Education; B.S., The University of Texas at Austin; M.Ed., The University of Texas at Austin; Ph.D., The University of Texas at Austin

Sosa-Fey, Josephine, Professor, Management; B.A., Our Lady of the Lake University; M.B.A., Our Lady of the Lake University; D.B.A., Nova Southeastern University

Sweet, Kenneth, Assistant Professor, Management; B.B.A., M.B.A., Texas State University; Ph.D., University of Houston

Tatum, Charles, Assistant Professional Track, Counseling; B.S., United States Military Academy-West Point; M.S., Trinity University; Ph.D., St. Mary's University

Tejeda, Armando, Lecturer, Education; B.A., The University of Texas at San Antonio; M.Ed., The University of Texas at San Antonio

Teniente-Matson, Cynthia, Professor, Educational Leadership; President; B.B.A., University of Alaska-Fairbanks; M.B.A., University of Alaska-Anchorage; Ed.D., California State University-Fresno

Thomas, Ernest, Lecturer, Special Education; B.S., University of Maryland University College; M.B.A., Western New England College; M.Ed., Our Lady of the Lake University; Ph.D., Our Lady of the Lake University

Torres-Raines, Rosario, Professor, Sociology; B.S., Texas Woman's University; M.S., Texas Woman's University; Ph.D., University of North Texas/Texas Woman's University

Valadez, Albert Adolph, Professor, Counseling; B.A., Texas A&M University; M.Ed., Texas State University; Ph.D., St. Mary's University

Valdez-Barillas, Jose Rodolfo, Assistant Professor, Biology; B.S., University del Valle De Guatemala; M.S., Colorado State University; Ph.D., Colorado State University

Vera, Debbie Jean, Associate Professor, Early Childhood Education; B.S., Oklahoma State University; M.S., Texas A&M University-Corpus Christi; Ph.D., Texas A&M University

Vinaja, Bethuel Roberto, Assistant Professional Track, Computer Information Systems; B.A., University of Baja

California; M.B.A., Texas Christian University; Ph.D., The University of Texas at Arlington
Voges, Kathleen E., Professor, Management; B.B.A., Texas State University; M.B.A., Texas State
University; Ph.D., The University of Texas at Arlington
Weatherford, Dawn, Assistant Professor, Psychology; B.S., Oklahoma State University; M.S., Ph.D., Texas A&M
University-Commerce
Weaver, Sara P., Lecturer, Biology; B.S., M.S., Texas State University
Webb, Carolyn Lorrie, Associate Professor, Curriculum and Instruction; B.S., Indiana University-Purdue University
at Indianapolis; M.S., Texas A&M University-Commerce; Ed.D., Texas A&M University-Commerce
Westermann, Edward B., Professor, History; B.S., United States Air Force Academy; M.A., Florida State
University; Ph.D., University of North Carolina
Wilson, Jennifer Clark, Associate Professor, Reading; B.S., The University of Texas at Austin; M.Ed., The
University of Texas at Austin; Ph.D., The University of Texas at Austin
Wise de Valdez, Megan R., Associate Professor, Biology; B.S., University of Nebraska; M.S., University of
Nebraska; Ph.D., Colorado State University
Wu, Hsiao-Ping, Assistant Professor, Bilingual Education; B.B.A., Shih Chien University-Taipei,
Taiwan; M.A., The University of Texas at San Antonio; Ph.D., The University of Texas at San Antonio
Xu, Hongkang, Assistant Professor, Accounting; B.A., East China Normal University, China; M.A.C.Y., George
Washington University
Young, Edith, Assistant Professor, Bilingual Education; B.A., The University of Texas at Arlington; M.Ed., The
University of Texas at Brownsville; Ed.D., Texas A&M University-Kingsville

LIST OF COURSE PREFIXES

The following are the keys to the prefixes used with the course numbers:

ACCT	Accounting	FESA	Fire and Emergency Services
ARTS	Art	FINC	Finance
BIOL	Biology	GEOG	Geography
BCOM	Business Communications	GEOL	Geology
BLAW	Business Law	GOVT	Government
BUAD	Business Administration	HIST	History
CHEM	Chemistry	MATH	Mathematics
CISA	Computer Information Systems	MGMT	Management
COMJ	Communication-Journalism	MKTG	Marketing
COMM	Communication	MSCI	Military Science
CRIM	Criminology and Criminal Justice	MSPF	Military Science – Physical Fitness
CSCI	Computer Science	MUSI	Music
ECON	Economics	PHIL	Philosophy
EDAD	Educational Administration	PHYS	Physics
EDCG	Counseling and Guidance	POLS	Political Science
EDEC	Early Childhood	PSYC	Psychology
EDED	Education	RTVF	Radio, Television and Film
EDFR	Education Field Residency	SOCI	Sociology
EDHL	Health	SPAN	Spanish
EDKN	Kinesiology	SPCH	Speech
EDRG	Reading	SWBS	Southwest Borderlands Studies
EDSE	Special Education	WGST	Women’s and Gender Studies
ENGL	English		

COURSE NUMBERING

Each course is represented by four capital letters followed by a four-digit numeral (e.g., ACCT 3301). The letters form an abbreviation for the instructional area while the numeral is interpreted as follows:

First Digit: The first digit indicates academic level and provides information regarding restrictions as to undergraduate and/or graduate student enrollment:

- 1000 level courses: undergraduate lower division, usually considered a “freshman-level” course.
- 2000 level courses: undergraduate lower division, usually considered a “sophomore-level” course.
- 3000 level courses: undergraduate upper division, usually considered a “junior-level” course.
- 4000 level courses: undergraduate upper division, usually considered a “senior-level” course.
- 5000 level courses: graduate courses.

Second Digit: The second digit generally indicates the amount of credit awarded. For example, a course numbered 4331, carries three semester hours of credit.

Third and Fourth Digits: The third and fourth digits are used to distinguish between courses within an instructional area.

COURSE DESCRIPTIONS

ACCOUNTING (ACCT)

2301. Principles of Financial Accounting. 3(3-0)

This course is an introduction to the fundamental concepts of financial accounting as prescribed by US generally accepted accounting principles (GAAP) as applied to transactions and events that affect business organizations. Students will examine the procedures and systems to accumulate, analyze, measure, and record financial transactions.

2302. Principles of Managerial Accounting. 3(3-0)

This course is an introduction to the fundamental concepts of managerial accounting appropriate for all organizations. Students will study information from the entity's accounting system relevant to decisions made by internal managers, as distinguished from information relevant to users who are external to the company.

3301. Accounting for Non-Accounting Majors. 3(3-0)

This course approaches accounting from the point of view of a business manager. Emphasis is on the source, strengths, and limitations of financial accounting information as a support for the five functions of management, i.e. planning, organizing, staffing, directing, and controlling. The course culminates in the analysis of publicly available financial statements, using both vertical and horizontal analysis techniques. **This course is specifically designed for non-accounting majors.**

3302. Intermediate I. 3(3-0)

This course provides an examination of the source and content of basic accounting theory from the point of view of the FASB Statements of Financial Accounting Concepts and Statements of Financial Accounting Standards. Special emphasis is placed on student understanding of complex accounting processes. Emphasis on the creation and use of general journal entries, end of period adjusting entries, completion of the accounting cycle and production of income statements, changes in owners' equity, statements of cash flows, and balance sheets. Special attention is paid to issues of the measurement and timing of revenues and expenses. Prerequisites: Admitted into the College Business as an accounting major.

3303. Intermediate Accounting II. 3(3-0)

This course builds upon the concepts learned in ACCT 3311 Intermediate Accounting I providing an in depth understanding of the source and use of authoritative accounting pronouncements. The course provides an exhaustive study of the accounting for assets, with special emphasis on financial assets, including Notes Receivable and Bonds held as investments. Students will acquire practice in using the concept of the time value of money to determine the value of financial assets. The course also covers accounting principles for cash, receivables, inventories, plant assets and natural resources. Prerequisites: Admitted into the College Business, grade of 'C' or better in ACCT 3302.

3304. Intermediate Accounting III. 3(3-0)

This course builds upon the concepts learned in ACCT 3312 Intermediate Accounting II providing an in depth understanding of the source and use of authoritative accounting pronouncements. The course provides an exhaustive study of the accounting for liabilities and owners' equity. Special emphasis is given to the accounting principles for long-term liabilities, stockholders' equity, income taxes, pensions, leases and statement of cash flows. Students will acquire practice in using the concept of the time value of money to determine the value of leases and long-term liabilities. Prerequisites: Admitted into the College Business, grade of 'C' or better in ACCT 3303.

3305. Fundamentals of Federal Income Tax. 3(3-0)

Analysis of Federal income tax laws, emphasis being placed on the determination of net taxable income and preparation of income tax returns for individuals. Special attention is given to accounting for sole proprietorships and single-owner disregarded entities. Students who complete the course will be able to accurately determine the appropriate income tax for affluent individual taxpayers. Prerequisites: Admitted into the College Business, and ACCT 3301 or ACCT 3302.

3308. Internal Audit I. 3(3-0)

This course is a detailed examination of the basics of internal audit. This course includes analysis of practical audit procedures found in today's global organization. Prerequisite: ACCT 3302.

3314. Cost/Managerial Accounting. 3(3-0)

This course comprises an examination of the determination and allocation of costs to specific accounting entities, such as specific products, specific processes, specific tasks, business divisions, and business departments. Additionally, methods of determining the cost of specific business activities are studied. Methods are studied for using costing, especially activity-based costing (ABC), for the five purposes of management, e.g. planning, organizing, staffing, directing, and controlling. Special attention is given to methods for using accounting information for decision making, such as make or buy, outsourcing, project acceptance, and capital investment. Prerequisites: Admitted into the College Business, grade of 'C' or better in ACCT 3301 or ACCT 3303.

3320. Internal Audit II. 3(3-0)

This course is a detailed examination of the practice of internal audit. This course includes managing the internal audit function, risk-based audit procedures, fraud risks and controls, detecting fraud, and forensic auditing techniques. Prerequisites: Admitted into the College Business, grade of 'C' or better in ACCT 3301 or ACCT 3303.

3328. Internship in Accounting. V:1-3

An off-campus learning experience allowing the application of accounting skills in an actual work setting. Will count towards the hours required for the CPA exam only if the internship requirements set by the State Board of Public Accountancy are met. Prerequisites: Admitted into the College Business.

4307. Accounting for Governmental and Nonprofit Entities. 3(3-0)

This course provides a rigorous examination of the principles and practice of fund accounting applicable to governmental and nonprofit organizations. Special emphasis is given to an understanding of the source of authority and the pronouncements of the Governmental Accounting Standards Board (GASB). Secondary emphasis is given to the unique GAAP requirements of accounting for nonprofit organizations, hospitals and health care organizations, and educational institutions. Prerequisites: Admitted into the College Business, senior standing, and grade of 'C' or better in ACCT 3302.

4311. Auditing I. 3(3-0)

This course is a detailed examination of auditing standards, professional ethics, legal liability, evidence, internal control and audit reports. Students will prepare an extensive audit case study during the course. Emphasis is given to the preparation of audit work papers and to appropriate audit reports. Prerequisites: ACCT 3303.

4312. Auditing II. 3(3-0)

This program extends the examination of the audit process studied in ACCT 4311. Emphasis is given to advanced audit topics including program planning and special reports. Secondary emphasis is given to statistical methods of determining audit risk, inherent risk, sample size, and statistical reliability. Prerequisite: ACCT 4311.

4314. Business Combinations. 3(3-0)

This course comprises a detailed examination of advanced accounting topics, which culminates in students preparing consolidated financial statements for business combinations, mergers and consolidations, and investments in subsidiaries. Emphasis is given to the elimination of intercompany transactions and to the issues of consolidating the statements of complex entities which have indirect and mutual holdings in other corporations. Prerequisite: ACCT 3303.

4315. Advanced Accounting Problems. 3(3-0)

This course comprises a detailed examination of accounting for financial derivatives used as either speculative investments or as hedging instruments. Emphasis is given to issues of foreign currency transactions and to the translation or re-measurement of financial statements denominated in currencies other than the U.S. dollar. Secondary emphasis is given to the issues of accounting principles for partnerships, estates and trusts, debt restructuring, reorganizations and liquidations, interim financial reporting and segmentation. Prerequisite: ACCT 3303.

4317. Accounting Information Systems. 3(3-0)

This course comprises an extensive examination of the principles and procedures of the design and installation of a computerized accounting system. Emphasis is given to the use of Enterprise Resource Management (ERM) systems with integrated accounting functions. Producing information useful for decision making and control is also studied in detail. Secondary emphasis is given to issues of imbedded audit procedures in CRM and dedicated accounting applications. Prerequisite: Grade of C or better in ACCT 3303.

4318. Advanced Income Tax Accounting. 3(3-0)

This course comprises an examination of the taxation of corporations. Emphasis is given to the source, purpose, and effect of tax regulations applicable to partnerships and corporations. Students who complete this course will be able to accurately prepare Federal income tax returns for such businesses. Secondary emphasis is given to the application of the federal gift and estate tax. Prerequisite: Grade of C or better in ACCT 3303.

4319. Advanced Managerial Accounting. 3(3-0)

This course comprises an extensive examination of the current state of managerial accounting with emphasis given activity based costing and planning (ABC). Students who complete this course will experience planning and control of cost elements, analysis of costs and profits and current topics in cost/managerial accounting. Students will also read and discuss current academic research in managerial accounting. Prerequisite: Grade of C or better in ACCT 3303.

4321. Internal Audit III. 3(3-0)

This course is a detailed examination of the knowledge elements that are critical to the practice of internal audit. This course includes organizational governance, risk management, business process analysis, security, financial management, and governmental legislation and regulation. Prerequisite: ACCT 3320.

4391. Special Study in Accounting. 3(3-0)

Study or research under supervision of instructor or small business audits. May be repeated once for credit. Prerequisite: Grade of C or better in ACCT 3303.

5307. Accounting Information Systems. 3(3-0)

Requirements, constraints, elements and considerations in design, implementation, auditing and housekeeping of accounting systems in relation to the total information systems for business decisions on a computerized data processing basis.

5308. Accounting Ethics. 3(3-0)

Application of ethical theory, philosophy and principles including the concepts of ethical reasoning, integrity, objectivity, independence and other core values.

5310. Responsibility and Practice Management. 3(3-0)

An in-depth study of specialized knowledge and accounting skills practiced by CPAs to collect, analyze, and evaluate evidential matter and to interpret and communicate expert opinions in a courtroom, boardroom, or other legal/administrative venue.

5311. Seminar in Managerial Accounting. 3(3-0)

Introduction to managerial accounting as it is used to plan, evaluate and control an organization. Emphasis on budgeting, standard costing and analysis of costs and profits. Prerequisites: BUAD 5301 and BUAD 5302.

5312. Fundamentals of Forensic Accounting. 3(3-0)

Fundamentals of forensic knowledge and practice with emphasis on evidence preservation, court rules, rules of evidence and discovery, and serving as an expert witness. Prerequisites: ACCT 3314 and ACCT 4314.

5314. Advanced Accounting Problems. 3(3-0)

Accounting principles for partnerships, estates and trusts, debt restructuring, reorganizations and liquidations, interim financial reporting and segmentation, foreign currency transactions and translation, leverage buyouts. Prerequisite: ACCT 3304.

5316. Advanced Income Tax Problems. 3(3-0)

Particular attention given to tax regulations applicable to partnerships and corporations together with preparation of federal income tax returns for such businesses. Consideration also given to federal gift and estate tax. Prerequisite: ACCT 4308.

5319. Special Problems in Accounting. 3(3-0)

Study, research or internship in accounting. May be repeated once for credit. Prerequisite: consent of instructor.

5327. Advanced Auditing. 3(3-0)

Audit program planning and special reports, auditing topics. Prerequisite: ACCT 4311.

5330. Fraud Examination. 3(3-0)

The use of specific accounting procedures for detecting and preventing fraud. Emphasis is placed on prevention, detection, and investigation methods to help minimize firms' exposure to losses. Course is structured to enhance the student's ability to understand the pervasiveness of occupational fraud, to assess its risk. Prerequisite: ACCT 5337.

5337. Advanced Forensics. 3(3-0)

An in-depth study of specific knowledge areas of forensic accounting, including federal tax fraud, bankruptcy, mergers and acquisitions, disclosure misrepresentations, Foreign Corrupt Practices Act, misappropriations, embezzlements, securities law violations, RICO, and anti-trust violations. Prerequisite: ACCT 5312.

5341. Advanced Cost/Managerial Accounting. 3(3-0)

Planning and control of cost elements; analysis of costs and profits; and current topics in cost/managerial accounting. Prerequisite: ACCT 3314.

5342. Developing Advocacy Skills for Accountants. 3(3-0)

This is a course in applied practice in research, preparation, and presentation of evidence and testimony as an expert witness. The course comprises case studies, legal research, written and oral presentations of findings and of expert opinion, and experience in a courtroom environment (Moot Court). This course is the capstone for the Forensic Accounting track. Prerequisite: ACCT 5337.

5350. Internship in Accounting. V:1-3

An off-campus learning experience allowing the application of accounting skills in an actual work setting. This course will count towards the hours required for the CPA exam only if the internship requirements set by the State Board of Public Accountancy are met. Prerequisites: approval of a faculty coordinator, department chair, and College of Business Dean.

ART (ARTS)

1301. Art Appreciation. 3(3-0)

This introduction to the visual arts is designed for the general student, as an exploration of purposes and processes in the visual arts including evaluation of selected works. This course presents a survey of the visual arts, including artistic media and techniques, and art history. Students will also explore visual principles and elements through hands-on activities.

BIOLOGY (BIOL)

1106. General Biology I – Laboratory. 1(0-3)

This course provides hands-on laboratory experiences that highlight the fundamental molecular, cellular, and genetic principles characterizing living organisms. The scientific method in the discovery of these principles will be the primary focus of the hands-on activities. This course is designed for students majoring in science fields. Student majoring or minoring in biology cannot use placement exams (e.g. CLEP) to fulfill this course requirement. Co-requisite - BIOL 1306 – General Biology I – Attributes of Living Systems

1107. General Biology II Laboratory. 1(0-3)

This course provides hands-on laboratory exercises that highlight the fundamental principles concerning the biology of organisms: biodiversity, evolutionary relationships among major groups of organisms, structural/functional characteristics of these organisms, and general ecological principles of the organismal relationships. This course is designed for students majoring in science fields. This course is designed for students majoring in science fields. Students majoring or minoring in biology cannot use a placement exam (e.g. CLEP) to fulfill this course requirement. Pre-requisites: BIOL 1306 and 1106. Co-requisite: BIOL 1307 – General Biology II – Biology of Organisms

1306. General Biology I – Attributes of Living Systems. 3(3-0)

This course examines the fundamental molecular, cellular, and genetic principles characterizing living organisms including the role of the scientific method in the discovery of these principles. Specific concepts include the chemical basis for life, energy transformations, cell structure and function, the metabolic processes of respiration and photosynthesis, cell reproduction, and basic concepts of heredity and genetics. This course is designed for students majoring in science fields. College Algebra is recommended prior to taking this course. This course meets the standards for the Life and Physical Sciences category of courses under the core curriculum. Students majoring or minoring in Biology cannot use placement exams (e.g. CLEP) to fulfill this course requirement. Co-requisite for students majoring or minoring in biology: BIOL 1106 – General Biology I Laboratory

1307. General Biology II – Biology of Organisms. 3(3-0)

This course provides an overview of the diversity of life, the evolutionary relationships among major groups of organisms, and the structural/functional characteristics of these organisms. Topics emphasized will include the study of life at the organismal, population, and community level including form, function, reproduction, taxonomy, systematics, ecology and evolutionary history of biodiversity. This course is designed for students majoring in science fields. This course meets the standards for the Life and Physical Sciences category of courses under the core curriculum. Students majoring or minoring in Biology cannot use placement exams (e.g. CLEP) to fulfill this course requirement. Pre-requisite: BIOL 1306 and 1106 Co-requisite for students majoring and minoring in biology: BIOL 1107 – General Biology II Laboratory.

1308. Introduction to Life Sciences I. 3(3-0)

This course is designed for non-science majors and examines the basis of biology in the modern world and explores biology as a science - a data-driven process of gaining new knowledge – as well as the impact of biological science on society. Topics in this course include the study of life at the cellular level, investigating cellular structures, chemical processes, cell metabolism, cell division, gene expression and introducing patterns of inheritance. Includes experimental hands-on exercises. This course meets the standards for the Life and Physical Sciences category of courses under the core curriculum.

1309. Introduction to Life Sciences II. 3(3-0)

This course is designed for non-science majors. Students examine the principles of organismal biology, biodiversity and ecology in the modern world and how these principles relate to issue in today's society and their broader meaning to the public. Topics include the study of life at the organismal level considering their morphology, life histories, physiology and ecology. The nature and evolution of biological diversity and how that diversity is studied is included. Experimental hands-on exercises are included. This course meets the standards for the Life and Physical Sciences category of courses under the core curriculum.

2401. Anatomy and Physiology I 4 (3-3)

Study of the structure and function of human anatomy, including integumentary, musculoskeletal, and neural systems. With laboratory section.

2402. Anatomy and Physiology II 4 (3-3)

Study of the structure and function of human anatomy, including the cardiovascular system, lymphatic system, respiratory system, endocrine system, digestive system, metabolism, urinary system, and reproductive system. With laboratory section. Prerequisites: BIOL 2401.

2406. Introduction to Plant Biology 4 (3-3)

The course introduces the student to plant tissues and structures, basic plant cell metabolism, cell division and reproduction, genetics and evolution of plants, basic plant systematics, plants and humans, and plant ecology. With laboratory section. Prerequisites: BIOL 1307 or BIOL 1309

2411. Genetics. 4(3-3)

Fundamental concepts of heredity, including cell reproduction, transmission genetics, biochemistry of genetics, gene structure and function, and genetics of population. With laboratory section. This course is considered a writing intensive course. Prerequisites: BIOL 1306, BIOL 1106, BIOL 1307, BIOL 1107, and MATH 1314

2421. Introduction to Microbiology 4 (3-3)

This course addresses the biology of an array of microorganisms including archaea, bacteria, viruses and eukaryotic microbes such as fungi. Topics will include organism morphology, structure, growth and reproduction, and use of antimicrobial compounds. Discussion of the medical, industrial, and environmental impact of microbes will be included. With laboratory section. Prerequisites: BIOL 1307, BIOL 1107, CHEM 1312

2431. Cell Biology 4 (3-3)

This course is an introduction to cell structures and how they function, with an emphasis on eukaryotic cells. Topics will include membrane structure, membrane transport, organelles, protein synthesis and folding, cellular energetics and cell cycle. Experiments and techniques used to study cell biology processes will be emphasized. With laboratory section. Prerequisites: BIOL 1307, BIOL 1107, CHEM 1312

3104. Research Experience in Biology. 1(0-3)

Research Experience in Biology is aimed at providing an introductory research experience in a biology faculty laboratory. Through this experience the student will gain an understanding of how research is conducted outside of a classroom and how the scientific method is actively applied in the specific discipline of the faculty research interests. Students will become part of the research team and will participate in laboratory or field activities as well as meetings/discussions. This course can be repeated for credit for a maximum of 2 credits, the second of which must be under a different faculty member and thus a different discipline in Biology. This course is recommended to be taken before BIOL 4304: Research Projects in Biology. Prerequisites: BIOL 1306, BIOL 1106, BIOL 1307, BIOL 1107. This course does not fulfill "Undergraduate Research".

3304. Biotechniques. 3(1-4)

Focus on applications of modern molecular techniques that are used in biology. This course has a 1-hour seminar and two 2-hour laboratory sessions. Prerequisites: BIOL 2411.

3375. Applied Entomology. 3(3-0)

The characteristics, life history and identification of insects important to man. Prerequisite: BIOL 1307 or BIOL 1309

3401. Invertebrate Zoology. 4(3-3)

Classification, anatomy, life history and evolution of invertebrates exclusive of insects with laboratory section. Prerequisite: BIOL 1307 or BIOL 1309

3402. Evolution. 4(3-1)

This course focuses on the evolution of living organisms as a process, which is defined by the change in the physical, physiological and biochemical characteristics of living organisms over the course of generations. Evolution will be examined from molecular to ecological processes and from the micro- and macro-evolutionary scales. With laboratory section. Prerequisites: BIOL 2411

3403. Plant Taxonomy. 4(3-3)

An introductory course concerned with developing skill in recognition and identification of seed plants at the species and family levels. Emphasis will be placed on collection, use of keys and manuals and herbarium techniques. With laboratory section. Prerequisite: BIOL 1307 or BIOL 1309

3405. Vertebrate Zoology. 4(3-3)

Anatomy, classification and natural history of the vertebrates; methods of collecting, preserving and identifying local vertebrates. With laboratory section. Prerequisite: BIOL 3402.

3406. Animal Behavior 4 (3-1)

General introduction to the field of animal behavior. Topics include evolution and behavior, behavioral ecology, sociobiology, communication, orientation and navigation, and hormonal mechanisms of behavior. The one hour discussion section will focus on the exploration and critical analysis of current scientific literature. With discussion-seminar section. Prerequisites: BIOL 1307 or BIOL 1309

3407. Ecology. 4(3-3)

This course provides the foundations of the scientific study of organisms and their environment. Basic components involved in the function and evolution of ecosystems, different ecological models, and the mechanisms that drive ecosystem changes through time will be addressed. Students will learn to approach the study of ecology from the organismal to global scale. The course will incorporate the classic concepts of ecology and will introduce the students into current theoretical and applied fields of ecology. With laboratory section. Prerequisites: BIOL 1306, BIOL 1106, BIOL 1307, BIOL 1107

3408. Animal Physiology. 4(3-3)

A study of the fundamental process of the animal systems. With laboratory section. Prerequisites: BIOL 1306, BIOL 1106, BIOL 1307, BIOL 1107, CHEM 1311, CHEM 1312

3409. Cellular Physiology. 4(3-3)

This course is the study of how different biochemical, metabolic, and molecular pathways of the cell work together to produce the many functions of cells such as movement, response to hormones, growth, protein synthesis, etc. Topics of signal transduction pathways, protein targeting, secretion and endocytosis, and cellular organization and motility are covered. Cell-cell interactions and tissue formation will be discussed, including the loss of cell division control leading to cancer. With laboratory section. Prerequisites: BIOL 2411, BIOL 2431, CHEM 2323

4101. Seminar – Integrative Biology. 1(1-0)

Student-led reviews of current scientific literature on various topics in zoology with critical class analyses. This course is a writing intensive course. Prerequisites: BIOL 3402, ENGL 2311

4102. Seminar – Cell & Molecular Biology. 1(1-0)

Student-led reviews of current scientific literature on various topics in zoology with critical class analyses. This course is a writing intensive course. Prerequisites: BIOL 2411 and BIOL 3409 or BIOL 4401 or BIOL 4406, ENGL 2311

4103. Seminar – Zoology. 1(1-0)

Student-led reviews of current scientific literature on various topics in zoology with critical class analyses. This course is a writing intensive course. Prerequisites: BIOL 3402 and BIOL 3408 or BIOL 3405 or BIOL 3401, ENGL 2311.

4104. Seminar – Ecology. 1(1-0)

Student-led reviews of current scientific literature on various topics in ecology with critical class analyses. This course is a writing intensive course. Prerequisites: BIOL 3402 and BIOL 3407, ENGL 2311

4120. Experiential Laboratory Instruction 1(1-0)

An introduction to laboratory instruction as an undergraduate teaching assistant. Duties will include curriculum development, preparation of laboratory exercises, weekly experimental instruction and weekly meetings with the faculty mentor. Prerequisite: An earned B or above in the course of interest, an application submitted for review

4304. Undergraduate Research in Biology. 3(3-0)

This course provides an independent research opportunity that will allow undergraduates majoring in biology to make an original intellectual contribution to the discipline. Research will be conducted in collaboration with a

faculty mentor. Prerequisites: Instructor approval and BIOL 1306, BIOL 1106, BIOL 1307, BIOL 1107, Recommended: BIOL 3104. Approval of instructor is required.

4307. Conservation and Restoration Ecology. 3(3-0)

This course gives the student an introduction into Conservation Biology from a conceptual perspective together with its many applications in the preservation, protection, and sustainable stewardship of life in all Ecosystems. The course will also review policy, strategies and case studies based on past and current issues. In addition to conservation the student will be introduced to Restoration Biology. Restoration and Reclamation will be introduced as a follow up step of Conservation through the analysis of case studies where human intervention affected the outcome of an ecosystem. Prerequisite: BIOL 3407

4356. Topics in Biology. 3(3-0)

Lectures in selected topics. May be repeated for credit once under a different topic. Prerequisite: BIOL 2411

4360. Internship in Biology. 3(3-0)

Internship in Biology is a course aimed at providing professional working experience in the field of biology. The sites at which students will be interns will be local and may be affiliated with the government, military, or private foundations. The student will be required to be a model employee and an exemplary ambassador of Texas A&M University-San Antonio. Students will be supervised by a site manager and by a faculty member. Students will be evaluated based on their work performance and a reflection paper describing their experience. Prerequisites: BIOL 1306, BIOL 1106, BIOL 1307, and BIOL 1107.

4401. Molecular Biology. 4(3-3)

This course focuses in depth on the molecular basis of life (DNA, RNA and proteins) and the biochemical mechanisms that control expression of information in the cell. Emphasis will be on molecular techniques and experimental data analysis. With laboratory section. Prerequisites: BIOL 2411, BIOL 2421, CHEM 2325

4402. Developmental Biology. 4(3-3)

A comparative exploration of the developmental processes of gametogenesis, fertilization, embryogenesis, and tissue development in invertebrate and vertebrate species. The laboratory will introduce surgical and molecular techniques involved in embryo manipulation. With laboratory section. Prerequisites: BIOL 2412, BIOL 2431

4406. Bacteriology. 4(3-3)

This course studies the diversity of the bacterial world, including the array of metabolic pathways used by different species of bacteria to inhabit a wide range of environments. Emphasis will be on mechanisms of controlling gene expression in prokaryotes, biochemical pathways of energy production and consumption, culture techniques and diagnostic methods, and use of bacteria in research. With laboratory section. Prerequisites: BIOL 2411, BIOL 2421, CHEM 2323

4407. Virology. 4(3-3)

The emphasis of this course is an over-view of viruses and host-virus interactions at the molecular and cellular level, and includes an overview of development of antiviral therapies and utilization of viral vector for gene therapy and vaccines. The mandatory recitation section will involve in-class or online discussion, evaluation, and presentation of peer-reviewed journal articles on the topic of Virology. With laboratory section. Prerequisites: BIOL 2411

4408. Immunology. 4(3-3)

Fundamental concepts in Immunology covering molecular and cellular immunology as well as applied aspects. With laboratory section. Prerequisite: BIOL 2411

4409. Biology of Disease Vectors. 4(3-1)

Biology of Disease Vectors the biology and ecology of arthropods that transmit medically important diseases. Students will gain an understanding of the complex relationship between vectors and the pathogens they transmit, specifically the physiological, evolutionary, and ecological relationship. Students will also learn applied and epidemiological aspects of aspects of this complex relationship. A mandatory recitation is associated with this course. Prerequisites: BIOL 3402 and ENGL 2311. Recommended: BIOL 3407

4410. Topics in Biology. 4(3-3)

Lectures, literature investigation and research in selected topics. With laboratory section. May be repeated for credit once under different topic. Prerequisite: BIOL 2411

4411. Applications of Plant Physiology, Growth, and Development. 4(3-3)

This course provides students an applied approach to how plants function, grow and develop in response to environmental challenges. It also addresses the physical and chemical principles that underlie physiological processes. The application of this knowledge in the context of current issues such as drought and food shortage will be addressed. The weekly laboratory session will complement the lecture, by providing hands-on experience in observation, data collection, measurement, and problem-solving skills. Prerequisite: BIOL 2406

4423. Wildlife Management. 4(3-3)

This course introduces the student to the fundamental components that are involved in wildlife management. We will approach the study of wildlife management by reviewing important ecological principles, understand the significance of conservation in wildlife management, and identify how various management efforts may be applied for sustainable wildlife populations. With laboratory section. Pre-requisite: BIOL 3407

4424. Field Biology. 4(3-3)

During this course the student will learn to plan an ecological study and conduct field work on ecosystems of south-central Texas. The student will be introduced to different experimental designs and procedures to study different types of organisms and their environment. With laboratory section. Prerequisite: BIOL 3407 and MATH 4303 or MATH 3301

4425. Ornithology. 4(3-3)

Classification, structures, physiology, natural history and field identification of birds. With laboratory section. Prerequisite: BIOL 1307 or BIOL 1309

4427. Herpetology. 4(3-3)

Classification, anatomy, life history and distribution of reptiles and amphibians with special emphasis on local forms. With laboratory section. Prerequisite: BIOL 1307 or BIOL 1309

4429. Mammalogy. 4(3-3)

Classification, distribution, life histories, economic importance, techniques of field study, methods of collection and preservation of mammals. With laboratory section. Prerequisite: BIOL 3402 and BIOL 3405

4430. Parasitology. 4(3-3)

Introduction to parasitism with special reference to human and other vertebrate hosts. With laboratory section. Prerequisite: BIOL 1307 and BIOL 1107

4431. Ichthyology. 4(3-3)

Classification, anatomy, life history and distribution of fishes, with special emphasis on local fresh water forms. With laboratory section. Prerequisite: BIOL 1306 or BIOL 1309

4432. Primatology 4 (3-3)

An introduction to the diversity, distribution, evolutionary history and ecological importance of primates. This course will emphasize the evolutionary and ecological principles underlying our understanding of primate behavior and how these principles inform us about our own behavior. With laboratory section. Prerequisites: BIOL 1307 and BIOL 1107.

BUSINESS COMMUNICATION (BCOM)

3304. Business Communication. 3(3-0)

Principles of business communication through letters and reports. Clear, accurate and forceful writing; practical psychology; and business reports with implication for international business. Prerequisites: ENGL 1301 and ENGL 1302.

BUSINESS LAW (BLAW)

3341. Business Law. 3(3-0)

Historical background and role of law in business and society; general principles of the law of contracts, personal property, secured transactions, sales and commercial paper; the Uniform Commercial Code as adopted in Texas and other applicable Texas statutes. Prerequisites: ENGL 1301 and ENGL 1302.

4342. Business Law for Accountants. 3(3-0)

Sales and commercial paper; the Uniform Commercial Code in Texas; the law of agency; business organization formulation and dissolution; accountants' legal responsibility; federal securities regulation; insurance; suretyship; property; wills, estates and trusts.

4344. International Business Law. 3(3-0)

Major business law topics and issues involved in international business transactions. Exporting-importing, licensing and direct foreign investment. Risks of international business trade including language, culture, currency, legal and political barriers.

BUSINESS ADMINISTRATION (BUAD)

3105. Professionalism in Business. 1(1-0)

Discussions and activities related to professionalism in a workplace setting. Topics will include professional codes of ethics, business etiquette, building and maintaining a professional reputation, and teamwork. Prerequisite: BCOM 3304.

3128. Internship in General Business. 1(1-0)

An off-campus learning experience allowing the acquisition and application of general business skills in a professional workplace environment. Prerequisites: Approval of instructor, department chair, and College of Business Dean.

3181. Service Learning in Business. 1(1-0)

Students will complete an off-campus project and apply business skills in a volunteer work setting. Prerequisites: Approval of instructor and successful completion of the business prerequisites. May be repeated with different topics as needed and approved.

3182. Business Study Abroad. 1(1-0)

These trips will include formal participation in an organized (by A&M-San Antonio or other institution) student abroad program in any academic area. Students will have the opportunity to interact in the global business community on a variety of levels: business transactions, travel arrangements, and interactions with residents of the host country. Students will complete reflection assignments to apply business concepts to their international experience. Prerequisites: Approval of instructor. Corequisites may apply.

3191. Special Topics in Business Experiential Learning. 1(1-0)

In this course, students will complete an experiential based learning project designed to complement courses within the College of Business. Students will apply and develop business skills. Prerequisites: Approval of instructor and successful completion of the business prerequisites. Corequisites may apply. May be repeated with different topics as needed and approved.

3192. Business Research Experience. 1(1-0)

Guided student research in business. Students will explore and analyze a topic in depth and present their findings to members of the university community. Prerequisites: Approval of instructor and successful completion of the business prerequisites. May be repeated with different topics as needed and approved.

3301. Quantitative Methods for Business. 3(3-0)

This course is a comprehensive introduction to the concepts and applications of mathematics to commercial business problems. The course focuses on the quantitative and analytical methods in the context of practical business

applications to enhance essential problem solving skills of business students. This course will expose students to the major business applications to be encountered in business courses through approaches that reinforce formulation, reasoning and interpretive problem solving skills essential to practical understanding of business concepts. Prerequisite: CISA 1305 and MATH 1325.

3311. Business & Society. 3(3-0)

This course is designed to help explore common ethical dilemmas in business and to develop appropriate decision frameworks to deal with these issues. Topics include global action in ill-defined and contrasting ethical environments, corporate social responsibility, business and external stakeholder issues (e.g., responsiveness to customers, natural environment and sustainability, influence on public policy), and business and internal stakeholder issues (e.g., employee safety, diversity, affirmative action).

3328. Internship in General Business. V:1-3

An off-campus learning experience allowing the acquisition and application of General Business skills in an actual work setting. Prerequisites: Admitted into the College of Business.

3355. Business Statistics. 3(3-0)

This course is a comprehensive introduction to the concepts and applications of mathematics to commercial business problems. The course focuses on the quantitative and analytical methods in the context of practical business applications to enhance essential problem solving skills of business students. This course will expose students to the major business applications to be encountered in business courses through approaches that reinforce formulation, reasoning and interpretive problem solving skills essential to practical understanding of business concepts. Prerequisite: MATH 1325 and BUAD 3301.

3392. Special Topics in Business Administration. 3(3-0)

Special studies in business administration. Prerequisite: Admitted into the College of Business. May be repeated with different topics as needed and approved.

4129. Co-operative Business Experience. 1(1-0)

An off-campus learning experience allowing the acquisition and application of general business skills in a professional workplace environment. Co-op employers partner with the College of Business to design appropriate learning experiences. Prerequisites: BUAD 3105, approval of instructor, department chair, and College of Business Dean. Application required. May be repeated with different topics as needed and approved.

4181. Advanced Business Service Learning. 1(1-0)

Students will complete an off-campus project and apply advanced business skills in a volunteer work setting. Prerequisites: BUAD 3181 and approval of instructor. May be repeated with different topics as needed and approved.

4192. Advanced Business Research Experience. 1(1-0)

Guided student research in business, culminating in the presentation of the research project at a professional conference or other appropriate venue. Prerequisites: Approval of instructor and successful completion of the business prerequisites. May be repeated with different topics as needed and approved.

5301. Foundations of Business I-Quantitative Methods and Economics. 3(3-0)

This course is an introduction to the concepts and applications of mathematics to commercial business problems. The course focuses on the quantitative and analytical methods in the context of practical business applications to enhance essential problem-solving skills of business students. The course will also provide an introduction to the principles of microeconomics for graduate students. The course will include the study of supply and demand, price theory, competition and market structure, market failure and the role of government and other economic issues.

5302. Foundations of Business II-Accounting and Finance. 3(3-0)

The course will include the study of the measurement and reporting issues and their effect on revenue and expense recognition, equity, and other related items. The course will also include the study of managerial accounting issues, including enterprise planning and control. The course will also focus on the basic foundations of financial management of corporations and will include the study of valuation methods for financial assets, relationship between risk and return, the methods and procedures used in capital budgeting and financing of a corporation.

CHEMISTRY (CHEM)**1111. General Chemistry Laboratory I. 1(0-4)**

This is the accompanying laboratory for CHEM 1311: General Chemistry I. The first semester of a two semester sequence, the lab introduces many chemical concepts, problems, and calculations. Topics range from taking measurements, calibration, and statistical analysis, densities of solids through linear least squares analysis, verification of Boyle's Law, Charles' Law and Avogadro's Law, empirical formula of compounds, introduction to calorimetry, heat of chemical reactions, introduction to Acid-Base Chemistry, introduction to pH, and gravimetric analysis. Prerequisite: MATH 1314 or equivalent. Corequisite: CHEM 1311.

1112. General Chemistry Laboratory II. 1(0-4)

This is the accompanying laboratory for CHEM 1312: General Chemistry II. The second semester of a two-semester sequence, the lecture and required lab introduces many chemical concepts, problems, and calculations. Topics range from kinetics, colligative properties, buffers, thermodynamics, and electrochemistry. Prerequisite: CHEM 1311 and CHEM 1111 with a grade of C or better. Corequisite: CHEM 1312.

1311. General Chemistry I. 3(3-0)

The first semester of a two semester sequence, this course introduces many chemical concepts, problems, and calculations. Principles and quantitative relationships in chemistry that will be introduced include stoichiometry, chemical equilibrium, acid-base chemistry, thermochemistry, rates and mechanisms of reactions, changes of state, solution behavior, atomic structure, periodic relationships, and chemical bonding. Prerequisite: MATH 1314 or equivalent. Corequisite: CHEM 1111.

1312. General Chemistry II. 3(3-0)

This is the second foundation course in chemistry. The course involves applications of the concept of chemical bonds and chemical equilibria to understand molecular structure and chemical reactions. How complex chemical structures and their corresponding properties arise from simple concepts of atomic structure and the chemical bond will be the theme of the course that threads the various topics. The process of scientific discovery will be elucidated by examining the questions chemists confront through theorizing and experimentation. Prerequisite: CHEM 1311 and CHEM 1111 with a grade of C or better. Corequisite: CHEM 1112.

2123. Organic Chemistry Laboratory I. 1(0-4)

Organic chemistry laboratory experiments designed to accompany CHEM 2321. Introduction to laboratory practices and procedures with emphasis on hydrocarbon chemistry. Prerequisites: CHEM 1312 and CHEM 1112. Corequisite: CHEM 2321.

2125. Organic Chemistry Laboratory II. 1(0-4)

Organic chemistry laboratory experiments designed to accompany CHEM 2322. Introduction to laboratory practices and procedures with emphasis on synthesis and spectroscopy. Prerequisites: CHEM 2321 and CHEM 2121. Corequisite: CHEM 2322.

2323. Organic Chemistry I. 3(3-0)

The first half of the organic chemistry sequence intended for science majors. A study of the structures, syntheses and reactions of organic compounds. Prerequisites: CHEM 1312 and CHEM 1112. Corequisite: CHEM 2121.

2325. Organic Chemistry II. 3(3-0)

The second half of the organic chemistry sequence intended for science majors. A study of the structures, syntheses and reactions of organic compounds. Prerequisites: CHEM 2321 and CHEM 2121. Corequisite: CHEM 2122.

3451. Environmental Chemistry. 4(3-3)

Sources and causes of land, water and air pollution; the methods of measurement and abatement. May not be counted as part of the minimum requirements for a major in chemistry. Prerequisites: CHEM 1112, CHEM 1312 and two additional 3- or 4-credit hour courses in either biology or geology or more advanced chemistry.

4341. Biochemistry I. 3(3-0)

Introduction to the important concepts, nomenclature and compounds of biochemistry with special emphasis on the chemical interpretation of the structures and function of biological macromolecules. Prerequisite: CHEM 3325.

4342. Biochemistry II. 3(3-0)

An introduction to the major biochemical cycles and pathways in living organisms, including reaction steps, regulation and mechanisms. Prerequisite: CHEM 4341.

COMPUTER INFORMATION SYSTEMS (CISA)

1305. Business Computer Applications. 3(3-0)

Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets, databases, presentation graphics, and business-oriented utilization of the internet.

3328. Internship in Computer Information Systems. V:1-3

An off-campus learning experience allowing the acquisition and application of information technology skills in an actual work setting. Prerequisite: CSCI 1336.

3351. Database Design and SQL. 3(3-0)

Basic database design and introduction to structured query language (SQL). Includes instruction on creating user interface forms for a database. Prerequisite: CSCI 1336.

3352. Mobile Application Development. 3(3-0)

This course introduces the student to the concepts, principles, and development in the major platforms including iOS, Android, and Windows. Its objective is to provide students with the tools and knowledge necessary to create applications that can run on mobile and/or smart devices. Differences between mobile and desktop computing will be investigated, sample mobile apps will be dissected, and tool suites for the development of mobile software will be covered. Prerequisite: CSCI 1336.

3354. COBOL Programming I. 3(3-0)

Fundamentals and techniques of programming in the COBOL language including program design and structure, flow charting and documentation. Prerequisite: CSCI 1336.

3356. Systems Analysis and Design. 3(3-0)

Analysis and design techniques required for implementing medium to large-scale computer information systems. Development of requirements for personnel, software and equipment for typical applications. Prerequisite: CSCI 1336.

3358. Management Information Systems. 3(3-0)

A comprehensive study of the use of information technology as an organizational resource, including the implementation of disciplined processes and management development to effectively exploit the power of modern information technology. **This course is specifically designed for non-computer information systems majors.** Prerequisite: CSCI 1336.

3367. Advanced Microcomputer Applications and Systems. 3(3-0)

Study of advanced microcomputer hardware and software technologies having application in business administration. Prerequisite: CSCI 1336.

4301. Microcomputer Assembly Language Programming. 3(3-0)

Theory, concepts and terminology required for competency in microcomputer assembly language programming including machine instructions; basic data types; addressing modes; arithmetic, logical and character string operations; interrupts and I/O interfaces. Prerequisite: CSCI 1336.

4302. Business Applications Using C++. 3(3-0)

Concepts and applications of the C++ programming language for business and industry. Prerequisite: CSCI 1336.

4303. Client/Server Application Development. 3(3-0)

Client/Server application development practices and tools. Emphasis on developing distributed database applications that support the information processing needs of business. Topics include: object-oriented program design, programming with object-oriented development platforms and the use of embedded Structured Query Language for database transaction processing. Prerequisite: CSCI 1336.

4304. Database Systems. 3(3-0)

File and database organization techniques. Network, hierarchical and relational data models. Normalization. Commercially available DBMS. Query languages. DBMS design and implementation. May be cross-listed with CSCI 4304. Prerequisite: CSCI 1336.

4305. Java Programming. 3(3-0)

This course discusses concepts and applications of the Java programming languages for business and industry. Topics include the fundamentals of Java programming, control structures, methods, arrays, object-oriented programming, concepts, and other advanced topics. Prerequisite: CSCI 1336.

4306. Telecommunications. 3(3-0)

Applications requiring telecommunications, internal and external influences on telecommunications systems and service providers, data transmission, standards and architectures, management of network design and operation, local area networks and future issues. Prerequisite: CSCI 1336.

4309. Scripting Languages. 3(3-0)

This course introduces students to common scripting languages used in computers. It examines the overall design of scripting languages as well as the specific syntax of five common scripting languages. Students will develop projects in each of the languages examined and will determine the best application environment for each of the languages examined. Prerequisite: CSCI 1336.

4311. Project Management. 3(3-0)

This course examines the concepts, principles, and applications of project management in the business environment, including the study of project management procedures, project management tools, organizational structure, management of project team members, and the planning, organizing, and control activities necessary for good projects. There will be an emphasis of information technology (IT) in the course lectures; however, projects do not have to include an IT component. Cross-listed with MGMT 4311. Prerequisite: CSCI 1336.

4312. Project Risk Management. 3(3-0)

This course is an overview of the basic components of risk as they pertain to technical projects. Topics include risk identification, risk impact analysis, risk response planning, mitigating risk, and risk management techniques. Cross-listed with MGMT 4312. Prerequisite: CISA 4311 or MGMT 4311.

4321. Introduction to Information Security. 3(3-0)

This course examines the concepts, principles, and applications of computer security in the business environment including Privacy, Information Security, and Critical Infrastructure. This course explores the knowledge and skills needed to ensure security of information and information systems within organizations. It focuses on concepts and methods associated with security across several systems platforms, including internal and Internet-based systems. The course utilizes a world view to examine critical infrastructure concepts as well as techniques for assessing risk associated with accidental and intentional breaches of security in a global network. It introduces the associated issues of ethical uses of information and of privacy considerations. Prerequisite: CSCI 1336.

4322. Information Policy Assurance. 3(3-0)

This course explores information security policies. The course includes both sociological and psychological issues in policy implementation in general, a dialogue on information security specific policies, the structure of a policy, and the lifecycle of policy from creation to enactment. The course also exposes the student to issue specific policies in different domains of security to assist the students learn in context of real life situations. Prerequisites: CISA 4321.

4323. Computer Forensics. 3(3-0)

This course is an overview of the methods and tools utilized for collecting and preserving electronic digital evidence for the computer forensic process. Topics include the forensic examination, analysis, and report writing; and preparing for courtroom testimony about the forensic results. Prerequisites: CISA 4321.

4324. Security Risk Analysis. 3(3-0)

This course examines concepts of risk analysis, risks in engineered systems, environmental risks, security risks; methods of risk analysis, fault trees and event trees; quantification of probabilities, use of data, models, and expert judgments; risks and decisions, interlinking risk analysis with risk management; applications to homeland security decisions. Prerequisite: CISA 4321 or CISA 4306.

4325. Network Security. 3(3-0)

The course explores mechanisms for protecting networks against attacks with an emphasis placed on network security applications for the Internet and corporate networks. The course also investigates various networking security standards and explores methods for enforcing and enhancing those standards. Prerequisite: CISA 4306 or CSCI 4306 or CISA 4321.

4326. Security and Operations Practicum. 3(3-0)

This course combines the theoretical foundation of system security with hands-on practical application on real systems. Students will practice roles of network and system administrators and system architects from both security and business operations perspectives. Prerequisite: CISA 4306 or CSCI 3306.

4331. Enterprise Resource Planning Systems. 3(3-0)

This course examines the concepts, principles, and applications of Enterprise Resource Planning (ERP) systems. This course helps students understand the key processes of business organizations. It also improves the student's understanding of how key business processes are managed and integrated in enterprise level software used by large organizations. Cross-listed with ACCT 4317. Prerequisite: CSCI 1336.

4332. Business Intelligence/Data Mining. 3(3-0)

This course provides an integrative foundation in the field of business intelligence and data mining. It focuses on business data warehousing, multidimensional data modeling, online analytic processing, business reporting and planning, and data mining. Prerequisite: ACCT 4317, CISA 4331, or CISA 4334.

4333. Supply Chain Integration. 3(3-0)

Supply chain management is the successful cross-functional integration of key business processes from the original suppliers of products, services, and information through the firm to its customers and stakeholders with an emphasis on value-added benefits. This course emphasizes the use of information technology in the supply chain management process. Cross-listed with MGMT 4333. Prerequisite: CSCI 1336.

4334. Business Process Integration. 3(3-0)

This course provides a foundation for information system professionals who are often called upon to configure and integrate business processes. Information system professionals are often called upon to install and configure computer information systems including packages such as SAP. They must also demonstrate an understanding of how data is shared throughout the organization. This course helps students understand the key processes of business organizations. It also improves the student's understanding of how key business processes are managed and integrated in enterprise level software used by large organizations. Prerequisite: CSCI 1336.

4335. ABAP SAP Programming. 3(3-0)

This course will introduce the student to the concepts, principles, and development in programming in ABAP. Its objective is to provide students with the tools and knowledge necessary to create applications that can run on mobile and/or smart devices. Prerequisite: CSCI 1336.

4358. Senior Project and Seminar. 3(3-0)

This course will introduce the student to the concepts, principles, and applications of information systems technology in the business environment, including a study of organizational structure, management and personnel of a data center, and the planning, organizing, and control activities necessary for good management of the information systems resource. Students will also complete an information system development project. Prerequisites: CISA 3351, CISA 3356, CISA 4302 (or CISA 4305), ECON 2301, ECON 2302, ACCT 2301, ACCT 2302, and CSCI 1336.

4359. Advanced Problems in Computer Information Systems. 3(3-0)

Research in selected fields of computer information systems. Prerequisite: consent of instructor. May be repeated once for additional credit. Prerequisites: BUAD 1301, ECON 2301, ECON 2302, ACCT 2301, ACCT 2302, and CSCI 1336.

5309. Computer Technology and its Applications. 3(3-0)

Study of computer hardware and software technology with emphasis on price versus performance issues and matching system capabilities to intermediate and advanced business applications.

5311. Project Management. 3(3-0)

This course examines the concepts, principles, and applications of project management in the business environment, including the study of project management procedures, project management tools, organizational structure, management of project team members, and the planning, organizing, and control activities necessary for good project. Cross-listed with MGMT 5311.

5312. Risk Management. 3(3-0)

This course is an overview of the basic components of risk as they pertain to technical projects. Topics include risk identification, risk impact analysis, risk response planning, mitigating risk, and risk management techniques. Cross-listed with MGMT 5312. Prerequisite: CISA 5311 or MGMT 5311

5321. Information Security. 3(3-0)

This course examines the concepts, principles, and applications of computer security in the business environment including Privacy, Information Security, and Critical Infrastructure. This course explores the knowledge and skills needed to ensure security of information and information systems within organizations. It focuses on concepts and methods associated with security across several systems platforms, including internal and Internet-based systems. The course utilizes a world view to examine critical infrastructure concepts as well as techniques for assessing risk associated with accidental and intentional breaches of security in a global network. It introduces the associated issues of ethical uses of information and of privacy considerations. Prerequisite: CISA 4321.

5322. Information Policy Assurance. 3(3-0)

This course explores information security policies. The course includes both sociological and psychological issues in policy implementation in general, a dialogue on information security specific policies, the structure of a policy, and the lifecycle of policy from creation to enactment. The course also exposes the student to issue specific policies in different domains of security to assist the students learn in context of real life situations. Prerequisite: CISA 5330 and CISA 5321.

5323. Computer Forensics. 3(3-0)

This course is an overview of the methods and tools utilized for collecting and preserving electronic digital evidence for the computer forensic process. Topics include the forensic examination, analysis, and report writing; and preparing for courtroom testimony about the forensic results. Prerequisite: CISA 4321 or CISA 5321.

5324. Risk Analysis. 3(3-0)

This course examines concepts of risk analysis, risks in engineered systems, environmental risks, security risks;

methods of risk analysis, fault trees and event trees; quantification of probabilities, use of data, models, and expert judgments; risks and decisions, interlinking risk analysis with risk management; applications to homeland security decisions. Prerequisite: CISA 4306 or CISA 5330.

5325. Network Security. 3(3-0)

The course explores mechanisms for protecting networks against attacks with an emphasis placed on network security applications for the Internet and corporate networks. The course also investigates various networking security standards and explores methods for enforcing and enhancing those standards. Prerequisite: CISA 4306 or CISA 5330.

5326. Security and Operations Practicum. 3(3-0)

This course combines the theoretical foundation of system security with hands-on practical application on real systems. Students will practice roles of network and system administrators and system architects from both security and business operations perspectives. In addition, students will design and build a small network with DMZ and internal subnet systems. Prerequisite: CISA 5309.

5330. Telecommunications. 3(3-0)

A study of concepts, principles and technologies allowing the integration of information and telecommunications systems to support the internal and external activities of business enterprises.

5331. Enterprise Resource Planning Systems. 3(3-0)

This course examines the concepts, principles, and applications of Enterprise Resource Planning (ERP) systems. This course helps students understand the key processes of business organizations. It also improves the student's understanding of how key business processes are managed and integrated in enterprise level software used by large organizations. Cross-listed with ACCT 5307. Prerequisite: ACCT 4317, CISA 4334, CISA 4331, CISA 5331 or CISA 5334.

5332. Business Intelligence/Data Mining. 3(3-0)

This course provides an integrative foundation in the field of business intelligence and data mining. It focuses business data warehousing multidimensional data modeling, online analytic processing, business reporting and planning, data mining, along with other advanced topics relevant to the field of business intelligence. Prerequisite: CISA 5331.

5333. Supply Chain Integration. 3(3-0)

Supply chain management is the successful cross-functional integration of key business processes from the original suppliers of products, services, and information through the firm to its customers and stakeholders with an emphasis on value-added benefits. This course emphasizes the use of information technology in the supply chain management process. Cross-listed with MGMT 5333.

5340. Systems Analysis, Design and Implementation. 3(3-0)

A study of systems analysis, design and implementation techniques that can be used to analyze and improve or create organizational information and communications systems. Prerequisite: 9 credit hours of graduate level CISA or computer science courses.

5359. Special Problems in Computer Information Systems. 3(3-0)

Study, research or internship in CISA. May be repeated once for credit.

COMMUNICATION – JOURNALISM (COMJ)

3302. Interviewing. 3(3-0)

Many individuals seek information through the interview. Differing from conversation, interviewing is a purposeful, planned form of interpersonal communication. In this course, both theory and application of skills are emphasized, the premise of the class being that interviewing is an art as well as a skill that one can learn to use well.

3303. Creative Nonfiction Writing. 3(3-0)

Identifying and developing feature story ideas. Reporting and writing feature articles and arranging appropriate

pictures for publication in newspapers or periodicals. Emphasis on training students in identifying markets for nonfiction writing. Prerequisite: COMM 2309 and COMM 2311 or COMM 3300 as a substitution for both lower-level courses AND COMM 3301.

3310. Media Design 3(3-0)

This course involves the use of the computer as a powerful creative tool. The modular structure is designed specifically to emphasize the following specific Adobe Cloud design programs and their relevance when solving design problems and developing creative solutions including Adobe Illustrator, Photoshop, InDesign, and Adobe Bridge. Prerequisite: COMM 1307.

3311. Magazine Design & Production. 3(3-0)

This course introduces the student to the principles governing page layout and the design of publications. Topics covered include the basic principles of effective typography; the use of grids; integration of graphics and photos into publications; basic information design principles, working with spot, process color and separations, principles of page assembly and other methodologies to design and produce a variety of single- and multi-page publications. Prerequisites: COMM 2305/2309, COM 2311 or COMM 3300 as a substitution.

3321. Principles of Advertising. 3(3-0)

Advertising writing, layout, typography and art work. Advertising campaigns, selling, practice exercises and advertising work for publication.

3327. Visual Journalism. 3(3-0)

In this course, students will learn how words and visuals work together to create stories and explore new ways of presenting content digitally. The course will cover the basics of visual journalism, including typography, layout and design, photography, interactive graphics and multimedia. Students will have an opportunity to build a foundation in design and visual storytelling, which are essential as journalism and all industry become more reliant on digital media. Students will learn Adobe InDesign and Photoshop, Google Fusion Tables, Soundslides, Audacity, and iMovie to help them produce projects that communicate content and ideas visually. Prerequisites: COMM 2305/2309, COMM 2311 or COMM 3300 as a substitution.

3328. Photojournalism I. 3(2-3)

This course teaches the basics of digital news photography. In addition to teaching students how to operate digital cameras and process digital photos, this course will present the problems and practices of photography for newspapers, magazines and the Internet. Students are introduced to the important role of photojournalism in the society and learn how to produce different categories of photojournalism that apply to news reporting through reading, class discussion, and practicing. Prerequisites: COMM 2305/2309, COMM 2311 or COMM 3300 as a substitution; COMJ 3327.

4301. History of Journalism. 3(3-0)

Development of the newspaper in England and the United States with attention to the social, economic and political forces which brought about changes in journalistic techniques and in basic ideas as to newspaper functions. Study of the careers of noted journalists.

4302. Editorial Writing. 3(3-0)

Purpose and style of editorial comment. Editorial page editing. Prerequisite: junior standing. 208

4322. Public Relations. 3(3-0)

Principles of public relations and their application in business, industry, education, government, social agencies and other institutions; the media of public relations; research methods used in public relations; journalistic implications of the public relations process. Case studies and analysis. Practice in public relations planning and writing.

4323. Public Relations Strategies. 3(3-0)

Public Relations Strategies introduces students to the strategic planning process involved in putting together and coordinating organizational public relations efforts. In this course, students will learn what is involved in developing, implementing and evaluating public relations strategies. The course provides insights on understanding an organization's internal and external environment as well as identifying and addressing public relations situations

that emerge in these environments. Prerequisite: COMJ 4322.

4325. Writing for Public Relations. 3(3-0)

The skills-based course teaches students how to write and produce public relations materials, including news releases, backgrounders and talking points, media kits, advertising, fund-raising letters, grant proposals, speeches, and other promotional copies. Prerequisite: COMJ 4322.

4326. Public Relations Case Studies. 3(3-0)

Examines solutions to public relations problems through an analysis of actual corporate and association cases. The focus will emphasize successful public relations management and practice through the systematic application of defining, planning and programming, acting and communicating, and evaluating results. Prerequisite: COMJ 4322.

4327. Photojournalism II. 3(3-0)

This advanced course presents the problems and practices of photography for newspapers. It includes instruction on camera and equipment operation and maintenance, and digital photo darkroom processing for printing media. The emphasis is on journalistic communication through photographs. This class provides training under deadline pressure in a variety of basic photojournalistic situations. Prerequisites: COMM 2305/2309, COMM 2311 or COMM 3300 as a substitution.

4335. Video Production and Editing. 3(3-0)

This course is designed to teach the basic principles of video production. It offers a conceptual introduction and practical experience on how to shoot video that is steady, in focus, well framed and, most importantly, tells a story. The course provides students with the basic foundations necessary to create videos from initial idea to finished video. Focus is placed on pre-production, production and post-production skills and techniques. Professionalism, leadership and teamwork are also emphasized. Prerequisites: COMM 2305/2309, COMM 2311 or COMM 3300 as a substitution.

COMMUNICATION (COMM)

1307. Introduction to Mass Communication. 3(3-0)

An examination of the structures, functions, and historical development of the major mass media industries, as well as the impact they have had on American society.

1335. Survey of Radio and Television. 3(3-0)

This is a survey course focusing on historical, technical, and governmental aspects of the broadcast industry. Topics such as programming, sales, ratings, and public broadcasting will be introduced. This course is required for Radio and Television Broadcasting majors. Prerequisite: COMM 1307.

2300. Media Literacy. 3(3-0)

Criticism and analysis of the function, role, and responsibility of the mass media in modern society from the consumer perspective. Prerequisite: COMM 1307.

2305. News Editing. 3(3-0)

Editing and layout processes, with emphasis on accuracy and fairness, including the principles and techniques of design. Prerequisite: COMM 2311.

2311. Media Writing. 3(3-0)

Fundamentals of writing for the mass media. Includes instruction in professional methods and techniques for gathering, processing, and delivering content. Prerequisite: COMM 1307.

2327. Introduction to Advertising. 3(3-0)

Fundamentals of advertising including marketing theory and strategy, copywriting, design, and selection of media. Prerequisite: COMM 1307.

2330. Introduction to Public Relations. 3(3-0)

Exploration of the history and development of public relations. Presentation of the theory behind and process of

public relations, including the planning, implementation, and evaluation of PR campaigns. Prerequisite: COMM 1307.

2339. Writing for Radio, TV and Film. 3(3-0)

An introduction to a range of methodologies for developing ideas, scripts and structural tactics for broadcast and short videos. Emphasis will be placed on traditional storytelling strategies, as well as experimental scripting and alternative notational techniques. Prerequisites: COMM 1307 and COMM 1335.

3301. Reporting. 3(2-3)

Theory and practice in news gathering and writing; types and techniques of public affairs reporting. Lab assignments include coverage of university departments and activities, municipal and county government, schools and courts either with the university newspaper or other university publication approved by Department Chair. Lab requires use of computers as editing terminals and data bases. Prerequisite: COMM 2309.

3303. Computer-Assisted Journalism. 3(3-0)

This course introduces students to the techniques of computer-assisted reporting, using the computer as a tool for news gathering and data analysis. Students will review statistics and mathematical relationships, such as percentage change, and analyze data using a spreadsheet. Students will learn about the legal aspects of computer-assisted reporting. Prerequisites: COMM 2309 and COMM 2311, or COMM 3300 as substitution.

3304. Multimedia Storytelling. 3(3-0)

An introduction to basic elements of multimedia journalistic storytelling, including audio, video, slideshows, and online journalism formats. Prerequisites: COMM 2309 (or COMM 3300) and COMM 2311.

3305. Web Design Principles. 3(3-0)

This hands-on roll-up-your-sleeves course covers CSS, JavaScript and PHP needed in an online newsroom. The course covers fundamental design principals such as grid-based Web design, color, typography and data visualization tools. Each student in the course will work their way up to creating a personal portfolio site in WordPress. Critical thinking will be encouraged though class interactions, projects, and online postings.

3308. Radio and Television News and Script Writing. 3(2-3)

Writing correctness, clarity and style in radio and television: includes collecting, writing and editing news, continuity, drama, address and commercial copy.

3310. Social Media for Journalists. 3(3-0)

The purpose of this course is to provide journalism students with a hands-on opportunity to learn about the social media tools (1) that are being used now by many professional journalists and (2) that will be required to work in the field of professional journalism in the future. Students will be required to create (if they have not already done so) and maintain accounts on Twitter, Flickr, LinkedIn, and Wordpress. Prerequisite: COMM 3301.

3340. Professional Presentation. 3(3-0)

Fundamentals of professional presentations including organizational culture competencies, business correspondence, problem solving, and persuasive proposals Emphasis on the integration of oral presentation with written, graphic, and other media materials. Prerequisites: COMM 2309 (or COMM 3300) and COMM 2311.

3350. Theories of Communication. 3(3-0)

This course is designed to introduce students to the world of communication theory. Communication theory allows students to learn about communication research, which in turn allows them to learn more about the different ways that people communicate with each other. In this course, students will discuss what researchers have found over the years about how, why, and to what effect people communicate with each other.

3351. Media Effects. 3(3-0)

This course is designed to introduce students to theory, research methods, and research findings concerning the impact of the mass media on the individuals who consume it and on society in general. Course content includes: (1) An introduction to theory and how theory is used to generate research questions; (2) an introduction to research methods and the use of statistics; (3) a discussion of effects models and research paradigms; (4) examples of early

classic media research and theory development; and (5) examples of contemporary media theory and effects studies.

4194. Portfolio and Professional Development. 1(1-0)

This capstone course will cover the contemporary job market, interviewing skills, and how to build a personal brand through the development of a digital portfolio. Prerequisites: Senior standing; completion of 18 COMM, COMJ, or COMS hours; and successful completion of all 3000-level and below COMM and COMJ required courses.

4301. Reporting II Mesquite. 3(3-0)

Advanced Theory and practice in news gathering and writing; types and techniques of public affairs reporting. Lab assignments include coverage of university departments and activities for The Mesquite, the student-produced campus newspaper of Texas A&M University-San Antonio. Course may be repeated for a maximum of 6 semester hours of credit. Prerequisites: COMM 2305/2309, COMM 2311, COMM 3301 or COMM 3300 as a substitution.

4306. Selected Topics in Communication. 3(3-0)

The study of literature and research in areas of communication. Includes such topics as international press, or yearbook production, semantics and history of public address. Maybe repeated once for credit when topicvaries. Prerequisite: 6 semester hours of communication, journalism and/or speech.

4315. Media Ethics. 3(3-0)

This course will (1) examine philosophical and moral problems relating to the current state of the mass media and (2) use the case study method to analyze ethical decision-making processes. Topics will include ethical concerns and dilemmas in news, advertising, public relations and entertainment.

4317. Mass Media, the Public and the Law. 3(3-0)

Legal and ethical limitation and responsibilities of the mass media, relationship and interaction between broadcaster, governmental regulatory agencies and the public. Prerequisite: 6 semester hours of journalism and/or radio-TV.

4391. Independent Study in Communication. 3(1-3)

Intensive work in a special area of the student's major or minor. A maximum of 6 semester hours of credit in independent study may be applied toward graduation. Prerequisite: 6 semester hours in communication, speech or journalism.

4392. Internship. 3(3-0)

Supervised professional experience in a media outlet, public relations office or other media-related setting. Jointly supervised by on-campus faculty and off-campus representatives at the internship site. Student may repeat this class for a maximum of six semester credit hours. Prerequisites: COMM 2305/2309, 2311, or COMM 3300 and approval of communication faculty.

4393. Senior Communications Seminar. 3(3-0)

Designed as the capstone course for Communications majors. By working on a capstone project that draws on prior coursework, students not only utilize their critical thinking skills in synthesizing previous coursework, but also extend and develop their own original ideas. Prerequisites: Senior standing; completion of 18 COMM, COMJ, or COMS hours; and successful completion of all 3000-level and below COMM and COMJ required courses.

CRIMINOLOGY AND CRIMINAL JUSTICE (CRIM)

1301. Introduction to Criminal Justice.

Introduction to the administration of justice in American society, with emphasis on the principles of policing, corrections, juvenile delinquency, criminal law, courts and criminal procedure, as well as policy formulation.

2301. Theories of Crime Causation. 3(3-0)

Study of criminal behavior and methodology; causation; typologies of criminal acts and offenders; punishment, corrections and incapacitation; prevention of crime.

3302. Social Deviance. 3(3-0)

Survey of the sociological and psychological aspects of deviant behavior. Nature of deviance, types of deviant

behavior, causal theories and social policy implications. (Credit may not be obtained in both CRIM 3302 and SOCI 3302.) Prerequisites: SOCI 1301 and 3 semester hours of Criminology or Sociology.

3322. Juvenile Delinquency. 3(3-0)

Incidences, types, causation, patterns, processes, treatment agencies and research as related to juvenile delinquency. (Credit may not be obtained in both CRIM 3322 and SOCI 3322.) Prerequisite: SOCI 1301.

3330. Community Perspectives of Crime. 3(3-0)

Examines community measures of crime control and the social, political, economic issues affecting them. Specific emphasis will be given to situational crime prevention, community corrections, community policing and the geographic distribution of crime within urban areas.

3341. Comparative Justice Systems. 3(3-0)

Critique of the differing policies, practices, and operations of crime and justice internationally. Specific attention will be directed to U.S. / Mexico, U.S. /Canada, and U.S. / European relations.

3345. Police in Society. 3(3-0)

Examines the central issues of enforcing law and promoting public safety in society with emphasis placed on both internal organizational issues of police administration and external enforcement operations.

3350. Crime and Justice Policy. 3(3-0)

This course covers major policy issues dealing with crime control and the criminal justice system. Law enforcement, corrections, civil liberties and court processes are main areas in which public opinion and policy are in current controversy and debate. Prerequisites: CRIM 1301, CRIM 2301, and ENGL 1302

3355. Criminal Justice Organizations. 3(3-0)

An overview of the various economic, social, and political factors that influence criminal justice organizations as well as the policies these agencies create. The course also examines major theories and structures of criminal justice organizations.

3357. Border Security Issues. 3(3-0)

Examines cultural, historical, biographical, political, economic, crime and violence related border security and protection issues that influence criminal justice organizations, the criminal justice system, and national security. Cannot receive credit for both CRIM 3357 and SWBS 3357.

3358. Introduction to Intelligence Analysis. 3(3-0)

Overview of intelligence and security issues defines critical terms and methodologies. Examines intelligence issues that influence criminal justice organizations, the criminal justice system, and national security and reviews the history of the intelligence community and intelligence practices in the United States.

3380. Statistics for Criminology. 3(3-0)

Statistics for students in criminology. Emphasis on descriptive and inferential techniques with a focus on criminology and criminal justice issues. Basic concepts include organizing and analyzing data, interpreting results, and choosing appropriate statistical techniques for specific research questions. Prerequisite: CRIM 1301, CRIM 2301; ENGL 1302 and MATH 1314 or 1342

3385. Criminal Law. 3(3-0)

Overview of the law, definition of crime, general principles of criminal responsibility, elements of major crimes, punishments, and conditions or circumstances that may excuse from criminal responsibility or mitigate punishment. Particular emphasis is on the penal laws of the State of Texas. Prerequisites: CRIM 1301, CRIM 2301, and ENGL 1302

3388. Courts and Criminal Procedure. 3(3-0)

Examines the structure of the court system in the United States, the constitutional basis for criminal procedure, the criminal justice process, including the pretrial process, the role of prosecutors, grand juries and defense attorneys in trial, plea bargaining and guilty pleas, and the appeal process. Prerequisites: CRIM 1301, CRIM 2301, ENGL 1302, and POLS 2301

4320. Law and Society. 3(3-0)

An in-depth examination of law and society through the philosophy and evolution of legal systems and legal institutions. The major functions of law as agents of social control, dispute resolution and societal engineering are addressed. (Credit may not be obtained in both CRIM 4320 and SOCI 4320.) Prerequisites: SOCI 1301 and 3 semester hours of Criminology or Sociology.

4326. Community Resources in Corrections. 3(3-0)

An analysis of correctional processes and facilities available at the community level. Topics include: probation, parole, diversion, halfway houses, community reintegration procedures, community treatment centers and volunteer programs. Emphasis is placed on social structure, functions and problems of community-based programs.

4335. Corrections. 3(3-0)

This course introduces students to the history and background of American corrections and the central theories of punishment and treatment. Special attention will be devoted to contemporary practices and problems facing the correctional system, such as prisoner management, offender rehabilitation, and programs designed to maintain security within the prison. Prerequisites: CRIM 1302, CRIM 2301, and ENGL 1302

4340. Topics in Criminology. 3(3-0)

Literature and research in the area of criminology not otherwise treated in depth in available courses. Topics will vary according to needs, interests and capability of the instructor. May be repeated once for credit when topic differs.

4341. Organized and White-Collar Crime. 3(3-0)

An in-depth view of the social structural and organization factors leading to the development of organized and white collar criminal activity from a sociological perspective. The nature, extent, types, costs, structure and control of these crimes will be treated.

4345. Victimology. 3(3-0)

An examination of the historical role of crime victims, nature of victimization in modern society, the victimization process, solutions to victimization and victim's rights. Emphasis given to the social, legal, psychological and societal aspects of victimization. Victim/offender interaction and societal response to victimization will also be examined.

4346. Gangs and Gang Behavior. 3(3-0)

Gangs and gang behavior from a cross-cultural perspective. The historical evolution of gangs in America and Europe. Emphasis on the causes, consequences and social control of gangs in society.

4348. Violence. 3(3-0)

Types of violence from a historical and cross-cultural perspective, identifying and delineating patterns of violent behavior. Social structure and culture are linked to violence and examined in the context of individuals, groups and societies. Emphasis is placed on the social control of violence.

4349. Mental Illness and Violence. 3(3-0)

This course examines the relationship of mental illness to violent crime by reviewing current empirical research. Specifically, topics include risk factors for violence, the correlation between substance use and violent behavior, and programs and policies concerning the treatment of mentally disordered persons. Prerequisite: 3 semester hours of upper division advanced psychology.

4350. Seminar in Criminology. 3(3-0)

The capstone course for the Criminology degree major. The course integrates theory with practical aspects of the

criminal justice system. Specific interest is given to contemporary research in criminology, including policing, corrections and judicial systems. Prerequisites: CRIM 1301, CRIM 2301, CRIM 3350, and ENGL 1302

4360. Criminology Internship. 3(3-0)

This course provides students the opportunity to integrate traditional learning exercises with practical experience in the criminal justice system. Prerequisites: CRIM 1301 and CRIM 2301

4370. Research Methods in Criminology. 3(3-0)

Examines methods of crime and justice research. Topics include the nature of scientific inquiry, framing a research problem, choosing a research design, developing hypotheses, sampling designs, and measuring variables.

Prerequisites: CRIM 1301, CRIM 2301, and ENGL 1302

4384. Directed Research in Criminology. V:1-3

Supervised research experience in criminology. Student will assist with a research project under the individual guidance of a faculty member. Requirements may include library research, data collection, data entry, statistical analysis and/or assistance in planning and conducting parts of a research project. A paper on the research experience is required. May be repeated for a maximum of 6 semester hours of credit. Prerequisites: CRIM 1301 and 2301

COMPUTER SCIENCE (CSCI)

1336. Programming Fundamentals I. 3(3-0)

This course introduces the fundamental concepts of structured programming. Topics include software development methodology, data types, control structures, functions, arrays, and the mechanics of running, testing, and debugging.

1337. Programming Fundamentals II. 3(3-0)

This course introduces the fundamental concepts of data structures and expands on the concepts control structure, data types, and algorithms. Topics include recursion, fundamental data structures (including stacks, queues, linked lists, hash tables, trees, and graphs), and algorithmic analysis. Includes basic analysis of algorithms, searching and sorting techniques, and an introduction to software engineering.

2322. Discrete Programming Structures. 3(3-0)

This course provides the mathematical foundations from discrete mathematics for analyzing computer algorithms, for both correctness and performance; introduction to models of computation, including regular expressions, finite state machines and Turing machines. Prerequisite: CSCI 1337.

2325. Computer Organization and Machine Languages. 3(3-0)

This course introduces basic computer organization; machine cycle, digital representation of data and instructions; assembly language programming, assembler, loader, macros, subroutines, and program linkages. Prerequisite: CSCI 1337.

2336. Programming Fundamentals III. 3(3-0)

This course introduces and applies the object-oriented programming paradigm, focusing on the definition and use of classes along with the fundamentals of object-oriented design as well as abstract data types. It provides additional experience with advanced programming concepts and applies the basic concepts of efficiency in algorithm development and implementation. Prerequisite: CSCI 1337.

3304. Database Systems. 3(3-0)

Database administration, including creating databases, setting user logins and permissions and backup and recovery. Intermediate-level use of structured query language (SQL). Prerequisite: CSCI 2336

3306. Computer Networks. 3(3-0)

Applications requiring telecommunications, internal and external influences on telecommunications systems and service providers, data transmission, standards and architectures, management of network design and operation, local area networks and future issues. This course is cross-listed with CISA 4306 Telecommunications I.

Prerequisite: CSCI 2336 or equivalent.

3321. Computer Security. 3(3-0)

Description: This course examines the concepts, principles, and applications of computer including Privacy, Information Security, and Critical Infrastructure. This course explores the knowledge and skills needed to ensure security of information and information systems within organizations. It focuses on concepts and methods associated with security across several systems platforms, including internal and Internet-based systems. The course utilizes a world view to examine critical infrastructure concepts as well as techniques for assessing risk associated with accidental and intentional breaches of security in a global network. It introduces the associated issues of ethical uses of information and of privacy considerations. Prerequisite: CSCI 1336 or equivalent.

3343. Analysis of Algorithms. 3(3-0)

This course provides the basic tools to give students the ability to select algorithms appropriate to particular purposes and to apply them, recognizing the possibility that no suitable algorithm may exist. It examines the range of algorithms that address important sets of well-defined problems, recognizing their strengths and weaknesses, and their suitability in particular contexts. Time and space efficiency is a pervasive theme throughout this course. Prerequisites: Successful completion of introductory programming courses. Prerequisite: CSCI 2322.

3351. Applications Programming. 3(3-0)

A programming intensive course that introduces key topic areas in Computer Science, such as graphics, intelligent systems, simulation and modeling, and parallel and distributed processing. Prerequisite: CSCI 2336.

3352. Systems Programming. 3(3-0)

A programming intensive course that investigates program implementation theory, methods, and tools, as well as system utility programming using operating system programming interfaces and system calls to provide computer and process management capabilities. Prerequisites: CSCI 2325 and CSCI 2336.

4316. Software Engineering I. 3(3-0)

Introduction to formal software design principles. An engineering approach to software development. Software project management. Software requirements analysis, specification, design, development and validation. Prerequisites: CSCI 3343, CSCI 3351 and CSCI 3352.

4317. Software Engineering II. 3(3-0)

This course completes a two-course sequence on engineering principles applied in the software development lifecycle. Students implement the design they developed and validated in the first course and prepare the resulting system for operations and maintenance. Course materials also address current topics in the area of software engineering. Prerequisite: CSCI 4316.

4344. Computer Architecture. 3(3-0)

Basic computer organization, data representation and arithmetic, instruction sets and addressing modes, assembly language, data path and control, memory, input and output and communication. Prerequisite: CSCI 2325 and CSCI 3352

4362. Operating Systems. 3(3-0)

This course provides a comprehensive study of the concepts incorporated in modern operating systems. Students learn to view operating systems on the continuum from the designer to the user. This area is undergoing massive changes as computer systems are becoming ubiquitous and operating systems are being designed for systems ranging from home appliances and automobiles to smart phones and other personal devices, to the more traditional computer systems used to process the myriad information used in governmental, business, and private organizations. Prerequisite: CSCI 2325 and CSCI 3352

4366. Theory of Programming Languages. 3(3-0)

Formal definition of programming languages including specification of syntax and semantics. Precedence, infix, prefix and postfix notation. Global properties of algorithmic languages. List processing, string manipulation, data description and simulation languages. Run-time representation of program and data structures. Language paradigms. Prerequisite: CSCI 3352

4391. Senior Seminar. 3(3-0)

Technical and expository readings, reports, and discussions. Topics include vocational and ethical issues, the relationship between Computer Science and engineering, human factors and software engineering, the history of computing, and individually selected topics of interest. Prerequisite: senior standing in Computer Science. Corequisite: CSCI 4316.

ECONOMICS (ECON)**2301. Principles of Macroeconomics. 3(3-0)**

The objective of the course is to understand the modern tools and methods used in economic decision-making. The course is designed for students with limited or no background in economics. The focus of the course is on the study of aggregate demand and supply analysis to determine output, employment, inflation, and the role of fiscal and monetary policy in stabilizing the economy. Prerequisites: ENGL 1301 and ENGL 1302; MATH 1314 or MATH 1324.

2302. Principles of Microeconomics. 3(3-0)

The objective of the course is to understand the modern tools and methods used in economic decision-making. The course is designed for students with limited or no background in economics. The focus of the course is on the study of supply and demand, price theory, competition and market structure, market failure and the role of government and other economic issues. This course meets social and behavioral sciences requirement under the core curriculum. Prerequisites: ENGL 1301 and ENGL 1302; MATH 1314 or MATH 1324.

3331. Money and Banking. 3(3-0)

Principles, problems and structure of the United States monetary system. Operations of commercial banks, the regulation and control of the supply of money and credit and the organization of the Federal Reserve System. Prerequisite: admitted to the College of Business.

3334. International Economics. 3(3-0)

International trade theory and policy and international monetary economics; balance of payments and exchange rate theory. Apply trade theories and models to explain why countries trade, gains from trade and trade patterns. Trade unions, tariffs, quotas and other non-tariff barriers to trade. Reasons and consequences of trade deficits. Prerequisite: admitted to the College of Business.

4393. Special Problems in Economics. 3(3-0)

Special studies in Economics. May be repeated once for credit. Prerequisite: consent of the instructor.

5329. Managerial Economics. 3(3-0)

Microeconomic theory applied to managerial decision-making, relating managerial economics to finance and other business disciplines. Prerequisites: BUAD 5301 and BUAD 5302.

5331. Monetary Economics. 3(3-0)

The history, nature, and scope of money and monetary policy in the economy. The principles, problems, and the structure of the US monetary system, operations of commercial banks, the regulation and control of the supply of money and credit, and the organization of the Federal Reserve System. The role of monetary theory and the conduct and effectiveness of monetary policy. Prerequisite: BUAD 5301.

5334. International Economics. 3(3-0)

International trade theory and policy including barriers to trade and international monetary economics such as balance of payments and the exchange rate theory. Focusing on trade models, it will address questions such as why countries trade, what gains are from trade, and what determines trade patterns. Formation of trade unions, tariffs, quotas and other non-tariff barriers to trade. Reasons and consequences of rising trade deficits in the United States. Prerequisite: BUAD 5301.

5349. Special Problems in Economics. 3(3-0)

Special studies or internship in economics. May be repeated for credit.

EDUCATIONAL ADMINISTRATION (EDAD)

5301. Behavioral and Organizational Foundation of Education. 3(3-0)

Foundations of sociological, psychological, historical and philosophical views of education; school organization; including program of study, personnel, levels and varied approaches.

5302. Elementary and Secondary Curricula. 3(3-0)

Elementary and secondary school curriculum materials and methods problems. Lecture, discussion, library, research and seminar techniques will be employed in curriculum design.

5305. Graduate Research Project. 3(3-0)

A graduate research project must be completed and submitted to the Graduate Office for a grade to be assigned, otherwise IP notations are recorded. This course is specifically designed for Plan II and Plan III students. Prerequisite: EDAD 5329.

5306. Thesis. 3(3-0)

This course is for Plan I students. The course requires 6 hours of grades, the first 3 hours consisting of completion of a thesis proposal and the last 3 hours consisting of completion of the thesis. Completion of the thesis proposal is a prerequisite for enrollment in the last 3 hours of thesis.

5307. School Administration: Advanced Problems. 3(3-0)

Major problems of the school administrator. Each student will accept one major problem for a term paper. Administration credit.

5311. Secondary School Curriculum: Problems Course. 3(3-0)

Secondary school curriculum materials and methods problems. Lecture, discussion, library, research and seminar techniques are employed. Methods credit.

5312. Supervision: Advanced Problems. 3(3-0)

Major problems of supervision. Students explore problems related to professional development and assessment. Administration credit.

5313. School Administration: Public School Finance. 3(3-0)

Theory and practices including federal, state and local levels. Theory and practices in taxing and budgeting with emphasis on Texas system. Administration credit.

5315. Administration of the Various Special Programs in Education with Emphasis on Reading; Career Education; Vocational Technical Administration Special Education. 3(3-0)

Administration of the various special staff and pupil personnel services offered in the public schools, including guidance, health, attendance, reading, career education, vocational technical administration and special education.

5317. Workshop: Advanced School Problems. 3(3-0)

Contemporary school administration problems. Administration credit.

5320. Education: Special Problems. 3(3-0)

Study of school problems in designated areas as approved by the University. May be repeated for credit when topic changes.

5330. Multicultural Education for Educators. 3(3-0)

Examines multicultural relations in American society and explores solutions to critical problems confronting schools into the 21st century. Prerequisites: basic computer literacy required. Admission in graduate education required.

5341. School Administration. 3(3-0)

School systems with emphasis upon cooperation of school boards with superintendents, principals and teachers; the relation of the school to the community as a whole. Administration credit.

5342. Principalship — Elementary and Secondary Schools. 3(3-0)

Administration and supervision of the elementary and secondary school; function, organization, physical equipment; classroom, homeroom and extra-room activities. The teacher's functions, qualifications and selection receive major attention.

5343. Administration: Secondary Education. 3(3-0)

Administration of the secondary school. Function, organization, physical equipment curriculum, methods of teaching, pupil personnel, guidance, school activities, faculty qualifications and selection receive major attention. Administration credit.

5344. Supervision. 3(3-0)

The purpose and methods of effective school supervision. Focus on instructional leadership development. General administration.

5345. Internship in School Administration. 3(3-0)

On-the-job projects for the purpose of practical application of administrative tasks.

5351. Staff and Pupil Personnel Administration. 3(3-0)

Principles and practices of administration as it concerns selecting and retaining school personnel and administering the pupil personnel program. Placement, job analysis and evaluation, salaries, fringe benefits, maintenance of morale, collective bargaining and student performance are addressed.

5352. Educational Facilities Planning. 3(3-0)

Creative and systematic planning of school facilities focusing on translation of psychological and educational needs into physical form and design. Development of educational specification, survey techniques, space allocation organization and conditioning with relationship to curriculum processes.

5381. Administration and Management of Special Programs. 3(3-0)

Problems in administering and managing special programs in public schools such as vocational and technical education, special education, career education and other special areas.

5382. School Public Relations. 3(3-0)

Processes and effects of communications between the public schools and their communities.

5383. Public School Law. 3(3-0)

Federal and state legal regulations as they relate to public school administration.

5384. Advanced Problems in the Superintendency. 3(3-0)

Current problems in the school superintendency are studied in depth.

5385. Superintendency Internship. 3(3-0)

Practical application of tasks in the area of the superintendent.

BILINGUAL EDUCATION (EDBL)

3311. Survey of Bilingual Education. 3(3-0)

This course is designed to equip the pre-service bilingual and second language teachers with the historical, sociolinguistic principles and legal foundations of bilingual education. We will examine different models of bilingual programs and its socio-cultural implications for language minority students. This course will emphasize how the political arena has influenced bilingual legislation in the United States.

3315. Second Language Acquisition and Literacy for English Language Learners. 3(3-0)

This course focuses on the language learning and acquisition theories for first and second language learning. In addition, this course will stress the literacy development theories, lesson planning, oral language development, and the implications of learning second language methodology.

3320. Tests and Measurements in the Bilingual and ESL Classrooms. 3(3-0)

Assessment instruments and strategies used in local, state and national systems for linguistically diverse students will be emphasized. In addition, this course will focus on the development of successful assessment practices for linguistically diverse students that can be used in Bilingual and ESL classrooms.

3321. Methods of Teaching English to Non-English Children. 3(3-0)

This course is designed to help educational practitioners to understand the inter-relatedness of language and literacy learning in the classroom of Non-English speakers. This course will examine the cultural contexts, social, and linguistic approaches to the teaching ESL. The importance of the teacher-student relationships and classroom climate will be emphasized.

3327. Multilingual and Multicultural Education. 3(3-0)

This course focuses on examining principal theories that address the linguistic and cultural needs of a diverse population. Included in this course will be the exploration of diversity issues, redefinition of classroom management and planning techniques, teaching strategies and informal and formal assessment practices for culturally and linguistically diverse students. Students will exhibit an understanding of the Texas teacher competencies as outlined in the Pedagogy and Professional portion of the TExES exam.

3340. Applied Linguistics. 3(3-0)

Linguistic structures and the relationships found in first and second language learning; educational implications in public school classrooms; dialects and cognitive development of language.

4307. Spanish Academic Literacy. 3(3-0)

This course provides the elements for the development of Spanish Academic proficiency for students working in educational and community settings. These elements would include emphasis on concepts, functions and scenarios used in the Spanish Academic proficiency exam required for bilingual candidates and Spanish Language Arts in preschool through the primary grades as designated in the TEKS. The course is designed to address the framework competency for Spanish proficiency to meet linguistic standards and requirements for bilingual teachers. Prerequisites: Advanced Spanish proficiency equivalent to 14-16 semester credit hours of Spanish.

4318. Teaching Language Arts, Social Studies & Music Content in Dual Language Classrooms. 3(3-0)

This course is designed to teach the methods and techniques for teaching Language Arts, Social Studies, and Music to the bilingual child. This course will emphasize the importance of the planning, curriculum, and instruction in the dual language classroom. In this course the use of lesson plans and the importance of meaningful teaching will be discussed. Course is offered in Spanish.

4322. Teaching Mathematics, Science and Art Content in the Bilingual Classroom. 3(3-0)

This course is for students in the Bilingual EC-6 degree plan. The course will include knowledge of teaching Mathematics, Science and Art content in the bilingual and ESL Classroom. It will consist of a 3hr. course credit, lesson plan demonstrations, and TEKS alignment to each content area. Prerequisites: EDBL 4318 and EDBL 3308. Course is offered in Spanish.

5305. Graduate Research Project. 3(3-0)

A graduate research project must be completed and submitted to the Graduate Office for a grade to be assigned, otherwise IP notations are recorded. This course is specifically designed for Plan II and Plan III students. Prerequisite: EDBL 5321.

5306. Thesis. 3(3-0)

This course is for Plan I students. The course requires 6 hours of grades, the first 3 hours consisting of completion of a thesis proposal and the last 3 hours consisting of completion of the thesis. Completion of the thesis proposal is a prerequisite for enrollment in the last 3 hours of thesis.

5321. Introduction to Research in Bilingual Education and ESL. 3(3-0)

This course is designed to encourage students to become more critical consumers of educational research in English as a Second Language. This course introduces concepts, principles and methods recognized as fundamental to the design and implementation of educational research studies. In addition, this course develops familiarity with

literature reviews, construction of research questions, construct development, variable selection and selection of measurement strategies.

5331. ESL Assessment for Elementary/Secondary Levels. 3(3-0)

An overview of testing theories and procedures; review of tests available for use in ESL classrooms. Prerequisite: Admittance to Master's program in Bilingual Education.

5334. Introduction to Linguistics. 3(3-0)

This course deals with training and analysis in linguistics as it relates to educational theory and practice, specifically the teaching and learning of K-12 English as a Second Language (ESL) students. Topics include English sounds, words, structures and analysis, identification of ESL students' learning challenges, and pedagogical strategies to promote language acquisition.

5336. Differentiating Instructional Materials for Elementary and Secondary Classrooms. 3(3-0)

This course will offer the theoretical and historical differentiated instruction and presents strategies designed to respond to the varying needs of students. Understanding the underpinnings, parameters, and principles of differentiation will guide in designing and individualizing learning activities to meet the needs of all students, including the ELL strengths, interests and readiness.

5338. Foundations of Bilingual Education. 3(3-0)

This course will introduce the concepts of bilingual education from a national perspective in contextualization within an international perspective to illustrate concerns related to teaching and learning of bilingual populations. Issues affecting educational policy, classroom practice, sociological and historical foundations as well as the legal ramifications of bilingual education will be addressed. Various theoretical orientations and discourses of bilingual education will be addressed. Various theoretical orientations and discourses of intolerance in US history related to political and practical applications will also be the focus of discussions.

5358. The Bilingual Child in the Bicultural Environment. 3(3-0)

Psychological and sociological perspectives on the child's learning environment.

5367. Language Acquisition and Development. 3(3-0)

Theories of child's first language acquisition and second language learning presented and researched.

5377. Teaching English as a Second Language. 3(3-0)

Theories and methodologies for teaching listening, speaking, reading and writing of English as a second language.

5386. Teaching Mathematics, Science and Social Studies in the Bilingual Classroom. 3(3-0)

This course is designed to teach academic foundations, skills, and strategies that will aim in successful teaching for today's students in mathematics, science, and social studies understanding. Emphasis will be placed on lesson planning, inquiry teaching, verbalizing mathematics, academic vocabulary usage, problem solving techniques, assessment of student performance, and use of technology. Enveloping methods to promote success in students' globalization of thinking and the need to know and understand cultural awareness and sensitivity as well as appropriate construct activities that maximize ELL's to interact with others in English. This course is taught in Spanish.

5387. Teaching Language Arts and Reading in the Bilingual Classroom. 3(3-0)

This course will offer strategies and methods for engagement in intensive instruction in reading and language arts. The balanced comprehensive program of instruction and methodology will be based on sound research to include exposure to well-designed instruction programs that address the explicit and meaningful applied instruction in reading writing and related language arts for English language learners and speakers of English. This course is taught in Spanish.

5390. Special Topics in Bilingual Education (Study Abroad). 3(3-0)

This course provides a short term study abroad experience in a host country/state or regional area. This course will provide students with an in-depth knowledge of language acquisition, biliteracy and bilingualism principles. Pre-travel background reading and discussion of target country/region; travel orientation and approval of project; host

country observation of educational facilities and personnel; discussions with host country educational leaders, professors and government officials; post travel reports.

COUNSELING AND GUIDANCE (EDCG)

5302. Introduction to Counseling. 3(3-0)

Introduction to the principles, practices and philosophy of the field of Counseling and Guidance, and an exploration of the various work settings where counselors are found. This is an overview of the counseling field and explores historical development as well as professional orientation of counselors and their ethics and responsibilities.

5307. Military Experience of Trauma. 3(3-0)

This course will emphasize addressing issues related to assessment and counseling for presenting problems commonly seen in the world of military service such as: Post-Traumatic Stress Disorder (PTSD); Traumatic Brain Injury (TBI); domestic violence, suicide, and rape and sexual assault. This course will also include an in-depth study of grief and loss. Prerequisites: EDCG 5327, EDCG 5308, and EDCG 5325.

5308. Clinical Treatment: Couples, Families, and Military Populations. 3(3-0)

This course provides an overview of counseling needs in the military community (common presenting issues, etc.). This course provides a framework for understanding military rank, leadership, communication, terminology, values, and culture. Specific ethical/legal issues related to counseling with active-duty military members will be addressed. This course also discusses counseling and mental health services typically provided on base (substance abuse, family advocacy, chaplain, family service, etc.) and in military communities (e.g., Veterans Administration). Prerequisite: EDCG 5314.

5309. Counseling Individuals, Couples and Families in the Military Community. 3(3-0)

This course is designed to combine the study of theory and philosophy of individual, couples, family, and group counseling with techniques and practices in the field. This is an experiential course where the student is taught through practice and observation the dynamics of providing effective counseling services. Both classroom and laboratory experiences are offered in this course. A special emphasis will be placed on working with individuals, couples, groups, and families in the world of military service. Prerequisites: EDCG 5313 and EDCG 5307. Corequisite: EDCG 5307.

5311. Theories of Counseling. 3(3-0)

Study selected theories of counseling and their implications on selected personality and developmental theories. Various theorists have developed theories to explain and to account for human development and human behavior. All personality theories have counseling implications and this is an exploration of those counseling theories.

5313. Ethics. 3(3-0)

Introduction to, and an exploration of, professional ethics in the counseling profession. Learning to deal with the professional and ethical issues that most affect the practice of counseling and related professions. A number of points of view will be presented to stimulate discussion, exploration and reflection. Prerequisites: EDCG 5310 or 5316 or 5308; EDCG 5311 or 5314; EDCG 5335; EDCG 5348; and EDCG 5333.

5314. Theoretical Foundations of Marriage and Family Therapy. 3(3-0)

This course will introduce counseling theories and will specifically address systems theory and other theories for working with couples and families.

5316. Introduction to School Counseling. 3(3-0)

This course explores the evolution of the counseling profession with an emphasis on the historical development of school counseling. Professional identity, legal and ethical issues in schools, and collaboration with school, family, and community are discussed. Pre-service counselors will learn how to plan, implement, and evaluate a comprehensive, developmental guidance and counseling program designed to promote personal growth and development of all students.

5317. Counseling Techniques. 3(3-0)

This course is designed to combine the study of theory and philosophy of individual counseling with techniques and

practices in the field. This is a “hands on” course where the student is taught through practice and observation the dynamics of providing individual counseling services. Both classroom and laboratory experiences are offered in this course. Prerequisites: EDCG 5302; EDCG 5311; EDCG 5335; EDCG 5342; and EDCG 5313. Corequisite: EDCG 5313.

5318. Crisis Intervention. 3(3-0)

This 3-hour course is designed to assist counselors in addressing clients who present in crisis. Crises come in many forms and can vary in degree and significance depending on many factors. Content will include, but is not limited to: a thorough understanding of the various types of crises; settings in which counselors will experience clients in crisis; counselor responses such as vicarious trauma; research-based approaches to clients in crises; and the importance of support systems. Prerequisites: EDCG 5317.

5319. Systemic Interventions with Youth. 3(3-0)

This course will provide an overview of counseling interventions with children and adolescents in agency, school, and private practice. Group, individual, and systems techniques will be covered. Emphasis will be on understanding the interactions between the developmental needs of each of these age groups and counseling techniques and procedures used to deliver mental health services to each of these groups. Techniques for communicating effectively with families and working collaboratively with other professionals and with community members to promote positive change in youth will be included. Approaches for working with children impacted by military service will be covered. Prerequisites: EDCG 5310 or EDCG 5316 or EDCG 5308; EDCG 5311 or EDCG 5314.

5323. Group Counseling Techniques. 3(3-0)

This course is an introductory course for learning effective strategies, skills and techniques to resolve conflict. It is a course that will be beneficial for human service professionals which includes counselors who work in a school or community setting and whose client population includes children, adolescents and family. The course will focus on the techniques and models for conflict resolution, mediation and creative problem-solving in various conflict areas, including the family, the school, and the workplace. Techniques for effective communication, brainstorming and cooperative group decision making will be explored. Communication across cultures and bias awareness issues will be explored within the content areas. Class format will include discussion groups, reading, writing, individual projects and experiential classroom activities. It is expected that students will engage in critical thinking and engage in class activities, complete the reading and writing assignments and integrate and implement their learning. Prerequisite: EDCG 5328.

5325. Assessment. 3(3-0)

This course will provide students with an orientation to measurement theory, statistics associated with measurement, and the practical application of formal and informal tests. Special emphasis will be devoted to interpretation and appropriate strategies to assess individuals, couples, marriages and families and assist in treatment planning. Assessments appropriate for use with individuals involved in world of military service will also be examined. Prerequisites: EDCG 5333 (formerly EDCG 5329).

5326. Special Problems in Guidance and Counseling. 3(3-0)

Course is a study of problems in designated areas approved by the university. May be repeated when the topic changes.

5327. Abnormal Human Behavior. 3(3-0)

This course is an in-depth look at the varieties of psychopathology, its etiology, classification and treatment. The course reviews the history and treatment of mental illness over the years with special attention to the various classification schemes and systems as they have evolved. The emphasis will be to give the student skills to recognize the nature of the abnormal behavior and to determine what services, if any, the counselor might be able to provide. Proper referral services, methods, and procedures will be explored. Students will explore the practical use of the Diagnostic Statistical Manual of Mental Disorders. Prerequisites: EDCG 5310 or EDCG 5316 or EDCG 5308; EDCG 5311 or EDCG 5314; EDCG 5335; EDCG 5348.

5328. Group Counseling Techniques. 3(3-0)

This course is designed to provide the student with an understanding of group dynamics, theories, and techniques.

Special emphasis on developmental stages of the group process, leadership roles, and various responsibilities associated with forming and conducting groups. Types of groups and common group settings will be examined. Prerequisite: EDCG 5317.

5331. Conflict Resolution. 3(3-0)

This course is an introductory course for learning effective strategies, skills and techniques to resolve conflict. It is a course that will be beneficial for human service professional which includes counselors who work in a school or community setting and whose client population includes children, adolescents and family. The course will focus on the techniques and models for conflict resolution, mediation and creative problem-solving in various conflict areas, including the family, the school, and the workplace. Techniques for effective communication, brainstorming and cooperative group decision making will be explored. Communicating across cultures and bias awareness issues will be explored within the content areas. Class format will include discussion groups, reading, writing, individual projects, and experiential classroom activities. It is expected that students will engage in critical thinking and engage in class activities, complete the reading and writing assignments and integrate and implement their learning. Prerequisite: EDCG 5328.

5332. Substance Abuse Counseling. 3(3-0)

This course is designed to provide a basic understanding of the nature of use, abuse and dependency/addiction related to alcohol and other legal and illegal substances. Furthermore, trainees will understand the dynamics of substance use in families, substance use in schools, substance use and mental illness, substance use among those in the world of military services, substance use and suicidality, among others. In addition, counselor trainees will understand how to interview and evaluate clients, as well as treatment modalities. Finally, the concepts of recover and relapse will be covered. Prerequisite: EDCG 5327.

5333. Research in Counseling. 3(3-0)

Course addresses basic concepts associated with research as well as historical development of research methodologies. Focus will on counseling related research. Emphasis will be on developing an understanding of various research designs and the exploration of threats to validity and reliability. Students will be expected to critically evaluate existing research and understand how research impacts counseling practices. A research project, produced as a major assignment in a 3-hour 5000 level research titled course, must be completed. This course is writing intensive and students are expected to generate new knowledge in an educational area of choice. American Psychological Association manual style writing will be emphasized.

5334. Theoretical Applications in Counseling. 3(3-0)

This course is designed to transition students to application of counseling theories and techniques. Students will practice applying counseling theories to mock cases and role plays. They will be able to identify and apply counseling strategies that are consistent with a variety of theoretical orientations. This is an advanced elective course. Prerequisite: EDCG 5328.

5335. Human Development Across the Lifespan. 3(3-0)

This course provides a comprehensive overview of cognitive, physical, and psychological developmental aspects across the lifespan. Various theories associated with the developmental process will be explored and discussed. Special emphasis will be devoted to linking theory with practice across multiple settings (school, agencies, home).

5340. Basic Theories and Techniques in Counseling and Marriage and Family Therapy. 3(3-0)

The purpose of this course is to provide students with their initial introduction into counseling and family therapy theories as well as counseling experiences under supervised conditions. It is also designed for the student to experience didactic and experiential training with the focus of the course on the development of basic counseling skills which include invitational skills, reflection skills, summarization skills, challenging skills, goal setting skills, assessment skills, application of a theoretical orientation and application of a therapeutic technique. The course will include interactive lecture, demonstration, discussion, participation in skills practice, student-to-student role playing, student video demonstration of skills, and individual supervision.

5341. Guidance: Advanced Topics. 3(3-0)

Major problems of educational and vocational guidance covering selection, orientation, personnel, training programs, placement and re-education. Prerequisite: 6 semester hours of advanced education. May be repeated when the topic changes.

5342. Counseling Diverse Populations and Military Culture. 3(3-0)

This course is designed to familiarize students with the cultural differences of special populations of people. Emphasis is placed on ethical use of appropriate counseling techniques for use with the major racial/ethnic groups and other special populations of people such as those within the world of military service, those who are physically or emotionally disabled of different ages, religions, genders or sexual orientations. Prerequisite: Must be enrolled in EDCG program.

5351. Field Practicum for School Counselors. 3(3-0)

Supervised experience in practical application and integration of principles and techniques of counseling in a selected educational setting. Students must demonstrate competence with elementary, middle school, and high school students. Students will gain experience in the provision of a comprehensive, developmental guidance and counseling program designed to promote the educational, personal, social, and career development of the learner. The course requires a minimum of 160 total hours and may be repeated once for credit. Prerequisite: EDCG 5317.

5352. Developmental Counseling Curriculum. 3(3-0)

Designed to give attention to the personal, social, career, and academic needs of child and adult clients, this course emphasizes the design of prevention and wellness activities. Students will create developmentally appropriate plans for psycho-educational groups, classroom guidance lessons, individualized student planning sessions, and community workshops to be used within school and agency settings. Prerequisites: EDCG 5328 and EDCG 5335.

5353. Career Counseling. 3(3-0)

Students will demonstrate an understanding of theories, models, principles, materials and practices of career development. This course will also emphasize unique career challenges persons in the world of military service may experience as a result of deployment, retirement, enlistment, or disability.

5354. Principles and Practices in Guidance and Counseling. 3(3-0)

Philosophical, sociological and psychological principles and concepts related to guidance and counseling and the helping professions.

5356. Field Practicum for Counselors. 3(3-0)

Course is supervised practice in the application of counseling strategies and techniques in environmental settings appropriate to the professional interests of the counselor trainee (clinical setting). Student will be expected to complete 150 hours of practicum experience. These hours are a combination of direct service/contact, supervision and administrative responsibilities. May be repeated subsequent semester to a total of 9 semester hours but cannot be substituted for another core course. Prerequisite: EDCG 5317.

5359. Advanced Practicum. 3(3-0)

This course is designed to provide an environment where students can develop and refine their counseling and psychotherapeutic skills and gain more in-depth experience with a broad range of client problems and treatment modalities. Theoretical conceptualizations of client concerns, treatment planning, self-exploration, and practical application of advanced skills and interventions will be emphasized. Prerequisite: Satisfactory completion of two practicum courses.

5385. Internship. 3(3-0)

Counseling Internship is designed to meet the CACREP accreditation standards and is a tutorial form of instruction. The program requires students to complete a clinically supervised internship of **200 clock hours**. Student should consider selecting internship sites that offer opportunities to engage in both individual counseling and group work. The internship provides an opportunity for the student to perform, under clinical supervision, a variety of professional counseling activities that a regularly employed staff member in the setting would be expected to perform.

EARLY CHILDHOOD (EDEC)

3303. Child and Adolescent Development as it Impacts Instruction 3(3-0)

The course includes physical, cognitive, language, social and emotional development of children from birth to adolescence. Students apply developmental knowledge in planning individually and culturally appropriate lessons and assessment. This course is taken prior to entering the Educator Preparation Program.

3328. Foundations of Early Childhood Development. 3(3-0)

Students will gain an understanding of the foundational theories and philosophies of early childhood.

3329. Developmentally Appropriate Curriculum for the Young Child. 3(3-0)

Students will understand the historical, philosophical, psychological, sociological theories behind developmentally appropriate early childhood curriculum. Students will comprehend specifics about licensing, certification and management of childcare facilities as well as in the classroom. Students will identify and understand laws, rights and appropriate curriculum for special needs students. Prerequisite: EDEC 3303.

3349. Academics, Creativity and Play. 3(3-0)

This course focuses on teaching methods for incorporating play, movement and the arts into academic instruction for the EC-6 student. Students apply the knowledge of developmental milestones to make age appropriate curricular decisions. Prerequisites: EDEC 3303.

4314. Cognitive Development. 3(3-0)

Students will gain an understanding of cognitive developmental milestones and theoretical philosophies that enhance the understanding of professionals in early childhood careers.

4315. Social and Emotional Development. 3(3-0)

Students will gain an understanding of social and emotional developmental milestones and theoretical philosophies that enhance the understanding of the social and emotional domains of young children.

4316. Assessment of Young Children. 3(3-0)

Students will gain an understanding of a variety of assessment procedures and methods for documenting the growth and development of young children in all domains.

4329. Language Development in Early Childhood. 3(3-0)

Acquisition and development of oral language, early literacy. Integrated approach to language skills for young children. Prerequisite: EDEC 3324.

4337. Physical Development in Early Childhood. 3(3-0)

Strategies and materials for enhancing the physical development of young children. Units of health, nutrition, safety and other related topics. Field experiences. Prerequisite: EDEC 3324.

4361. Curriculum and Materials for Early Childhood Education. 3(3-0)

Methods and materials for teaching young children. Scope and sequence of language, mathematics, social and natural sciences, fine arts, health and safety and physical education. Field experiences required. Prerequisites: EDEC 3328, EDEC 4317 or EDEC.

5305. Graduate Research Project. 3(3-0)

A graduate research project must be completed and submitted to the Graduate Office for a grade to be assigned, otherwise IP notations are recorded. This course is specifically designed for Plan II and Plan III students. Prerequisite: departmental approval.

5306. Thesis. 3(3-0)

This course is for Plan I students. The course requires 6 hours of grades, the first 3 hours consisting of completion of a thesis proposal and the last 3 hours consisting of completion of the thesis. Completion of the thesis proposal is a prerequisite for enrollment in the last 3 hours of thesis.

5310. Infants, Toddlers, Preschoolers, and Families: The First Four Years. 3(3-0)

This is about infants, toddlers, and preschoolers, and families during the first four years of life. The primary goal for the course is for students to develop knowledge of infant, toddler and preschool development across individual differences and contexts. Attending to the contributions of familial and cultural contexts, as well as, the child's contributions this course considers both theoretically prescribed developmental trajectories and the profound individual differences that each human being presents. Students are expected to reconceptualize traditional theories in light of the real issues faced by children and families across contexts.

5312. Understanding and Valuing Young Children and Families in a Diverse Society. 3(3-0)

An intensive study of the cognitive development and socialization of young children from diverse contexts with consideration of ethnicity, gender, and social economic background, and special needs and the manner in which these issues effect their development and learning. Culturally relevant ways of supporting the child and family within an ecological system is emphasized.

5314. Foundations of Educational Research: Early Childhood. 3(3-0)

Course addresses basic concepts associated with research as well as historical development of research methodologies. Students will be expected to critically evaluate existing research and understand how research impacts foundational and contemporary issues in early childhood education. This course is reading and writing intensive and students are expected to synthesize information in an educational area of choice related to early childhood education. American Psychological Association manual style will be emphasized.

5315. Advocacy. 3(3-0)

This course focuses on relevant problems and contemporary challenges facing early childhood professionals. Research and theories that encompass these challenges and effective advocacy strategies to support necessary change are examined. Research on or participation with an advocacy effort is required. Prerequisites: EDEC 5333 EDEC 5312, and EDEC 5314.

5317. Explorations: An Inquiry Approach to Teaching Social Studies. 3(3-0)

Content and methods for promotion development of knowledge, skills and attitudes in social studies for preschool children. Unit themes will be developed for integrating curriculum.

5318. Investigations: An Inquiry Approach to Teaching Science. 3(3-0)

Content and methods for promotion development of knowledge, skills and attitudes in science for preschool children. Unit themes will be developed for integrating curriculum.

5319. Constructing Developmentally Appropriate Experiences in Mathematics 3(3-0)

Development of logical thought and reasoning in young children. Developmentally appropriate activities and materials for promoting quantitative concepts.

5320. Supporting the Development of Literacy. 3(3-0)

Emergent literacy as simultaneous development of listening, speaking, reading and writing. Linking research findings to early childhood philosophy and integrated program implementation.

5330. Assessment Practices in Early Childhood. 3(3-0)

The history, philosophy, and practice of observing, recording and analyzing children's behavior using current methods based upon prevailing research in the field of developmentally appropriate assessment, including investigation of issues concerning diversity in assessment. The use of assessment to improve professional practice and early learning environments. The course will facilitate development of appropriate assessment records and mechanisms across early childhood settings. Prerequisite: EDEC 5310.

5333. Foundations of Early Childhood. 3(3-0)

Historical, philosophical, sociological and psychological bases for early childhood education. The implications of research and theory on development, developmentally appropriate practice and contemporary issues in early childhood.

5335. Integrated Curriculum in Early Childhood Education. 3(3-0)

An advanced course in curriculum design with an emphasis on integration of content areas for instruction. Math, science, language, arts and social studies scope and sequence will be presented. Adaptations for special populations will be included. Prerequisite: EDEC 5333.

5349. Play in the Early Years. 3(3-0)

This course will extend the students' understanding of play theory and include relevant research in order to advocate for the value of play in the early years. Prerequisites: EDEC 5333, EDEC 5314, and EDEC 5310.

5353. STEM in Early Childhood Classroom. 3(3-0)

Focuses on the content and methods for promoting the development of knowledge and skills in Science, Technology, Engineering and Mathematics (STEM) for young children B-Grade 3. Integrated approaches to curriculum development with an emphasis on inquiry and emergent investigations that foster curiosity, creativity, critical thinking, scientific methods. Standards for Science, Mathematics, and Technology as well as developmental appropriate methods of instruction and assessment with young children examined.

5355. Humanities in Early Childhood. 3(3-0)

Content and methods for promoting the development of knowledge and skills in the humanities are emphasized in this graduate level course. The course integrates approaches to teaching the "what and why" of humanities which encompasses social studies, language arts, and fine arts with a multicultural perspective. The course includes information on planning relevant units of study, lessons, and activities, developing effective instructional strategies, acquiring knowledge of humanities content and methods of assessing student learning.

5360. Incorporating Play in the Early Childhood Curriculum. 3(3-0)

A study of creative thought and behavior in young children. Methods and materials for teaching art, music and dramatics for young children. Theories of play and development.

5361. Special Problems in Early Childhood Education. 3(3-0)

The identification and research of specific problems as they relate to preschool programs. May be repeated once. Prerequisite: 12 hours of Early Childhood Education.

5367. Foundations of Early Childhood Curriculum. 3(3-0)

This introductory course focuses on a myriad of historical and philosophical foundations in Early Childhood education that continues to influence current research and practice. Attention is given to the basic components that are essential to the organization and effective implementation of developmentally appropriate curriculum and practice. Additionally, this course offers experience and training in the techniques of analysis of curriculum and environments that are integral to the accreditation process in EC programs. Details pertaining to research, writing, and analysis of curriculum and practice are included.

5370. Action Research in Early Childhood. 3(3-0)

This capstone course provides students the opportunity to identify and investigate school and community-based problems and apply inquiry, writing, and research skills to a relevant issue or concern in early childhood. Students develop and implement a relevant action research report that includes a problem statement, literature review, data collection, analysis, and summary/application. Research summaries will be shared in an appropriate public forum. The action research project will be the students Graduate Research Project. This project will also form the foundation of any student wishing to pursue a Master's Thesis. Prerequisites: EDEC 5314 and completion of at least 60% of all required core coursework.

EDUCATION (EDED)

0000. Education Test Prep for the BTLPT. 0(0-0)

This course will provide an analysis of the grammatical and orthographic components of the Spanish language needed to become effective dual language teachers. An analysis of the content, format and techniques to master the Bilingual Target Language Proficiency Test (BTLPT) will take place.

1301. Introduction to Teaching. 3(3-0)

This course is designed as an introduction to the American public education system, the Texas Essential Knowledge and Skills, and Texas teacher certification. Students will develop the skills necessary for writing lesson plans and meaningful student learning objectives based on relevant content and appropriate assessment.

3301. Instructional Design and Assessment 3(3-0)

Students will review the theories related to development, learning, and motivation. Students will also develop the skills necessary to design instruction appropriate for all students that reflects an understanding of relevant content and is based on continuous and appropriate assessment.

3303. Knowledge of Pedagogy and Assessment 3(3-0)

Students will develop knowledge of the implications of students' developmental characteristics for planning, implementing, and assessing appropriate instruction. An emphasis will be placed upon the characteristics and instructional needs of students with varied backgrounds, skill, interests, and learning styles.

3308. Methods in Educational Media and Technology. 3(3-0)

Emphasizes techniques to enhance learning, use of media and technology, learning styles of different students and ways to use media and technology to accommodate different learning styles.

3340. Health and Physical Education for Early Childhood and Elementary Teachers. 3(3-0)

Students will develop knowledge of the concepts, principles, skills, and practices of health and physical education to plan and implement effective and engaging health and physical education activities for young children.

3348. Classroom Management: Early Childhood and Elementary Teachers. 3(3-0)

This course introduces various managerial strategies, offers teachers candidates ideas for effective classroom management, and develops an understanding of the value of collaborating within the school community. This course covers basic skills and knowledge for creating a learning environment that encourages positive social interaction and effective communication among members of the learning community at the middle & secondary levels.

3349. Social Studies Methods: Early Childhood and Elementary. 3(3-0)

This course provides teacher candidates with a method of teaching and assessing social studies in the early childhood through elementary grade levels; including methods and of selecting organizing social studies programs, the sequence of the content of the social studies curriculum, adapting and enriching social studies programs to meet the needs of all students, and creating assessments aligned with the social studies curriculum.

3357. English Language Arts Methods: Middle School and Secondary. 3(3-0)

This course focuses on the six components of language arts: listening, talking, reading, writing, viewing and visual representation. Strategies for teaching reading in the content area, specifically for the middle and secondary levels, with emphasis on the skills necessary for helping students increase their reading vocabulary and reading comprehension are discussed. Additionally, the implementation of writing and the application of advanced writing in the content areas will be utilized.

3358. Classroom Management – Middle and Secondary Level Teachers. 3(3-0)

This course addresses two distinct areas of classroom management. The first area is directed at the capacity building of each student in the critical assertiveness traits that are needed by all classroom teachers. The second area addresses the various technical areas of managing the classroom. Much of the training is directed in a format of identifying and addressing the clinical needs and responses to these two management areas. Students who complete this course will have the necessary competencies and skills to manage their behaviors and the behaviors of students. By the end of the course, students will know how to establish and maintain an academic climate in a classroom so that quality student performance can be attained.

3359. Social Studies Methods: Middle Secondary & Levels. 3(3-0)

This course provides teacher candidates with a method of teaching and assessing social studies in the middle and secondary levels; including methods of selecting and organizing social studies programs, the sequence of the content of the social studies curriculum, adapting and enriching social studies programs to meet the needs of all students, and creating assessments aligned with the social studies curriculum.

3380. Diverse Populations. 3(3-0)

This course is designed as an enriched, integrated pre-service course with context experience that provides an overview of schooling and classrooms from the perspectives of language, gender, socioeconomic status, ethnic, and academic diversity and equity with an emphasis on learning.

4301. Teaching and Pedagogy for Early Childhood and Elementary Teachers. 3(3-0)

Students will develop the knowledge necessary to promote early childhood and elementary-level student learning by providing responsive instruction that makes use of effective communication techniques, instructional strategies that actively engage students in the learning process, and timely, high-quality feedback.

4309. Legal and Ethical Issues in Education 3(3-0)

This course will include an analysis of legal and ethical issues in education as well as application of the critical skills necessary for professional success of beginning teachers.

4311. Teaching and Pedagogy for Middle and Secondary Teachers 3(3-0)

Students will develop the knowledge necessary to promote middle school and secondary-level student learning by providing responsive instruction that makes use of effective communication techniques, instructional strategies that actively engage students in the learning process, and timely, high-quality feedback.

4346. Science Methods: Early Childhood and Elementary Levels. 3(3-0)

Emphasizing effective integrated science teaching focusing on inquiry and other constructivist approaches. Aligned to state curriculum (TEKS) and elementary comprehensive TExES competencies.

4347. Math Methods: Early Childhood Elementary Levels. 3(3-0)

This course provides teacher candidates with a method of teaching and assessing mathematics in the early childhood through elementary grade levels; including methods of selecting and organizing mathematics programs, the sequence of the content of the mathematics curriculum, adapting and enriching mathematics programs to meet the needs of all students, and creating assessments aligned with the mathematics curriculum.

4356. Science Methods: Middle School and Secondary Levels. 3(3-0)

Emphasizing effective integrated science teaching focusing on inquiry and other constructivist approaches. Aligned to state curriculum (TEKS) and elementary comprehensive TExES competencies. ~~Field experience required.~~

4357. Math Methods: Middle & Secondary Levels. 3(3-0)

This course provides teacher candidates with a method of teaching and assessing math in the middle and secondary levels; including methods of selecting and organizing math programs, the sequence of the content of the math curriculum, adapting and enriching math programs to meet the needs of all students, and creating assessments aligned with the math curriculum.

5304. Graduate Teacher Certification Internship. 3(3-0)

Designed for teachers seeking certification under the graduate teacher certification program. Provides extensive supervised experiences in a setting aligned with student's chosen program. Prerequisite: bachelor's degree from a regionally accredited institution, employment by a school district and criteria for admission to the alternative certification program. Course is repeated consecutively for two three-credit hour courses to meet state alternative certification requirements of six hours of internship. A fee of \$3,800 will be assessed (with payment options) as part of the internship year requirements.

5307. Novice Teacher Induction Seminar. 3(3-0)

Designed for novice teachers in high-need schools. Provides an opportunity to strengthen development in the three major areas research has identified as critical to teacher induction programs: coping with personal and professional issues; adjusting to the climate and culture of the school site and system; and developing effective instructional and classroom management skills. The course goals are to aid in the formation of participants' professional identity as teachers and life-long learners, and to provide them with personal and professional support to help cope with the realities of the first year in the classroom. This course will require 15 hours of field observation.

5310. Microcomputers in Education. 3(3-0)

Methods/strategies for utilizing microcomputers and related technology in public school settings; evaluation and review of software; fundamentals of computer-assisted and computer-managed instruction.

5329. Education Research. 3(3-0)

Course addresses basic concepts associated with research as well as historical development of research methodologies. Emphasis will be on research design and the exploration of threats to various types of validity and reliability. Students will be expected to critically evaluate existing research and understand how research impacts policies and procedures in education. Focus will be on research in applied educational settings. This course is writing intensive and students are expected to generate new knowledge in an educational area of choice. American Psychological Association manual style will be emphasized. This course meets the requirements for Plan II and Plan III graduation requirement of a research project produced as a major assignment in a 3 hour 5000 level, research-titled course.

5351. Science Methods for the Middle and Secondary Levels. 3(3-0)

This course provides teacher candidates with the knowledge and skills necessary to teach adolescents in the middle and secondary philosophies; school organization; middle level and secondary curriculum, instruction and assessment teaching skills; and middle level and secondary professional roles. Prerequisite: Admission to the teacher education program. This is a methods course.

5352. Math Methods for the Middle and Secondary Levels. 3(3-0)

This course provides teacher candidates with a method of teaching and assessing math in the middle and secondary levels; including methods of selecting and organizing math programs, the sequence of the content of the math curriculum, adapting and enriching math programs to meet the needs of all students, and creating assessments aligned with the math curriculum. This is a methods course.

5354. Social Studies Methods- Middle & Secondary Levels. 3(3-0)

This course provides teachers candidates with a method of teaching and assessing social studies in the middle and secondary levels; including methods of selecting and organizing social studies programs, the sequence of the content of the social studies curriculum, adapting and enriching social studies programs to meet the needs of all students, and creating adapting and enriching social studies programs to meet the needs of all students, and creating assessments aligned with the social studies curriculum. This is a methods course.

5355. English/Language Arts Methods – Middle and Secondary Levels. 3(3-0)

This course focuses on the six components of language arts: listening, talking, reading, writing, viewing and visual representation. Strategies for teaching reading in the content area, specifically for the middle and secondary levels, with emphasis on the skills necessary for helping students increase their reading vocabulary and reading comprehension are discussed. Additionally, the implementation of writing and the application of advanced writing in the content areas will be emphasized.

5361. Mathematics and Science Methods for Early Childhood and Elementary Levels. 3(3-0)

This course provides teacher candidates with a method of teaching and assessing mathematics and science in the early childhood levels; including methods of selecting and organizing the mathematics and science programs, the sequence of the content of the mathematics and science curriculum, adapting and enriching mathematics and science programs to meet the needs of all students, and creating assessments aligned with the mathematics and science curriculum. This is a methods course.

5362. English Language Arts and Social Studies Methods in Early Childhood and Elementary. 3(3-0)

This course provides teacher candidates with a method of teaching and assessing English language arts and social studies in the early childhood and elementary levels; including methods of selecting and organizing programs, the sequence of the content of the English language arts and social studies curriculum, adapting and enriching these programs to meet the needs of all students, and creating assessments aligned with the English language arts and social studies curriculum.

5363. Human Development & Learning Theories for Children. 3(3-0)

This course provides training for teachers and professionals educators to improve effectiveness through an organized

framework of scientific knowledge of human growth and development; emphasis on physical/affective processes affecting learning and current research trends for early childhood through elementary levels. Course may not be taken for EDCG 5335 Human Development Across the Lifespan or EDCG 5338 Advanced Child and Adolescent Growth and Development.

5364. Human Development & Learning Theories for Adolescents. 3(3-0)

This course provides training for teachers and professional educators to improve effectiveness through an organized framework of scientific knowledge of human growth and development; emphasis on physical/affective processes affecting learning and current research trends for middle and secondary level students (i.e., childhood through adolescence). Course may not be taken for EDCG 5335 Human Development Across the Lifespan or EDCG 5338 Advanced Child and Adolescent Growth and Development.

5366. Instructional Strategies & Classroom Management Elementary. 3(3-0)

This course focuses on a variety of advanced instructional models, methods and techniques appropriate for elementary levels. Inductive, Deductive, Social and Independent approaches to teaching will be demonstrated and discussed with a focus on appropriate methods for differentiating instructions. Along with instructional techniques, classroom assessment for instructions and diagnosis will be included. In addition, this course will focus on understanding the theoretical basis of classroom management and the practical application. These strategies cover a wide spectrum of issues concerning communication with families, motivation of students and culturally responsive techniques for managing diverse elementary classrooms. This course will require 15 hours of field observation.

5367. Instructional Strategies & Classroom Management Secondary. 3(3-0)

This course focuses on a variety of advanced instructional models, methods and techniques appropriate for middle and secondary levels. Inductive, Deductive, Social and Independent approaches to teaching will be demonstrated and discussed with a focus on appropriate methods for differentiating instruction. Along with instructional techniques, classroom assessment for instruction and diagnosis will be included. In addition, this course will focus on understanding theoretical basis of classroom management and the practical application. These strategies cover a wide spectrum of issues concerning communication with families, motivation of students and culturally responsive techniques for managing diverse elementary classrooms. This course will require 15 hours of field observation.

5368. Human Development and Learning Theories. 3(3-0)

This course provides training for teachers and professional educators to improve effectiveness through an organized framework of scientific knowledge of human growth and development; emphasis on physical/affective processes affecting learning and current research trend for PreK-12 settings. Course may not be taking for EDCG 5335 Human Development Across the Lifespan or EDCG 5338 Advanced Child and Adolescent Growth and Development.

5369. Instructional Strategies and Classroom Management. 3(3-0)

This course provides teacher candidates with the knowledge and skills necessary to implement research-based classroom instructional strategies.

5371. Dynamics of Teaching. 3(3-0)

Study of school problems in designated areas approved by the University. May be repeated for credit when topic changes.

EDUCATION FIELD RESIDENCY (EDFR)

Requirements for admission to the teacher education and student teaching program are set forth in the introduction to The College of Education and Human Development.

3110. Field Residency I. 1(1-0)

Requirement of one semester of field residency (consisting of 64 clock hours) while enrolled in departmentally approved field residency courses. This lab course is designed to equip pre-service teacher candidates with classroom observation experiences in the field. This lab is taken in conjunction with designated field residency courses in which students are provided specific assignments to complete during the classroom observation. The course must be successfully completed prior to teaching. Prerequisite: Admission to the Educator Preparation program

3120. Field Residency II. 1(1-0)

Requirement of one semester of field residency (consisting of 64 clock hours) while enrolled in departmentally approved field residency courses. This lab course is designed to equip pre-service teacher candidates with classroom observation experiences in the field. This lab is taken in conjunction with designated field residency courses in which students are provided specific assignments to complete during the classroom observation. The course must be successfully completed prior to teaching. Prerequisite: EDFR 3110 and Admission to the Educator Preparation program.

4613. Elementary School Student Teaching: Field Residency III. 3(3-0)

Students will demonstrate, in a laboratory setting, knowledge of and an ability to effectively apply those skills necessary for successful teaching in the elementary school. Student teaching is a full-time assignment (8 a.m. to 5 p.m.) for 16 weeks in an accredited elementary school. Student is to furnish transportation. Prerequisite: Admission to student teaching.

4623. Secondary School Student Teaching: Field Residency III. 3(3-0)

Students will demonstrate, in a laboratory setting, knowledge of and an ability to effectively apply those skills necessary for successful teaching in the elementary school. Student teaching is a full-time assignment (8 a.m. to 5 p.m.) for 16 weeks in an accredited secondary school. Student is to furnish transportation. Prerequisite: Admission to student teaching.

5610: Clinical Teaching. 6(6-0)

The Texas Education Agency has approved two options for satisfying the practicum requirement for students in alternative teacher certification programs at the graduate level. The clinical teaching model is a one-semester, unpaid practicum under the supervision of a university supervisor and a campus-based mentor teacher. The clinical teaching model is similar to the undergraduate student teaching practicum. A fee of \$500 will be assessed (with two payment option) as part of the clinical teacher semester requirement.

HEALTH (EDHL)**1322. Nutrition. 3(3-0)**

Course addresses principals and concepts associated with nutrition science. Emphasis will be placed on developing an understanding of nutrition factors and prevention of chronic illness. Students will be expected to journal and assess their personal dietary behaviors and develop a plan to improve or maintain their eating patterns.

3331. Consumer Health. 3(3-0)

An informed health consumer is one who purchases health products and services that are useful and beneficial. This consumer is also aware of consumer protection, product safety and services available if dissatisfied with a product or service.

3333. Growth, Development, and Sexuality. 3(3-0)

Human sexuality content for different developmental stages. Designed for individuals who plan to present human sexuality content to various age groups.

3335. Drug Education. 3(3-0)

Study of prescription and non-prescription drugs, their action in the body, their benefits and abuse potentials.

3381. Community Health. 3(3-0)

Acquaints the student with all aspects of community and public health. Designed to prepare students for planning, implementation and evaluation of health education/health promotion programs in community, health care and worksite settings. Prerequisites: EDHL 1254, EDHL 1304, EDHL 2325.

3383. Women's Health. 3(3-0)

Medical, historical, legal, environmental, sociological and psychological issues that affect women's health, both past and present. Prerequisite: EDHL 1254.

4342. Program Planning for Health Promotion. 3(3-0)

Explore the demographics of the San Antonio area, identify a disease that is prevalent to a local population, assess the resources available, develop a health promotion program and implement the program at a local facility.

Prerequisite: EDHL 3381, STAT 1342.

4344. Health and Aging. 3(3-0)

This course will explore in-depth information regarding the health issues of aging individuals including: physical health, psychological health, legal and ethical issues of health and Medicare/Medicaid. Prerequisite: EDHL 1254.

5311. Scientific Foundations of Health Education. 3(3-0)

To identify, relate, apply and evaluate scientific materials relevant to scientific foundations of Health Education.

5321. Critical Analysis of Current Issues in Health Education. 3(3-0)

Contemporary issues and modern-day problems are identified and thoroughly analyzed through extensive reading and discussion.

5322. Seminar in Selected Topics. 3(3-0)

Contemporary issues are identified and analyzed through intensive investigation. Examples of topics include human sexuality, drug education, family abuse and AIDS. May be repeated for credit as topics change.

KINESIOLOGY (EDKN)

1101. Jogging. 1(1-0)

Instruction and participation in distance walking and jogging.

1102. Weight Training. 1(1-0)

Development of muscular strength and endurance through the use of free weights and weight machines. Principles of strength training, safety guidelines, and various training techniques are presented.

1103. Cardio Dance. 1(1-0)

Instruction and participation in various aerobic exercises to music.

1119. Beginning Rhythmic Activities. 1(1-0)

The development of skills and techniques appropriate for all ages (K-adult) in rhythmic and physical fitness activities suitable for inclusion in an educational setting.

1301. Foundations of Kinesiology. 3(3-0)

Philosophical, historical, sociological, psychological, mechanical, and physiological principles of kinesiology. Includes careers in kinesiology.

1304. Personal/Community Health. 3(3-0)

Principles and concepts associated with current trends related to personal and community health issues. Focus will be on preventative health and wellness. Emphasis will be placed on developing an understanding of maintaining a healthy lifestyle to prevent chronic illness.

1305. Coaching. 3(3-0)

Principles of coaching, behavior, teaching, physical training, and management.

1306. First Aid. 3(3-0)

Current standards and practice for emergency care, recognizing and avoiding hazards within the environment, and application of first aid and treatment of common exercise-related injuries in sport and exercise environments.

1308. Intramurals and Officiating. 3(3-0)

Designing, organizing, and promoting intramural programs. Emphasis on officiating techniques and procedures in various activities.

1338. Fitness and Wellness. 3(3-0)

Knowledge, understanding and values of health related fitness and wellness and its influence on the quality of life.

2147. Skill Analysis of Individual/Dual Sports. 1(1-0)

Participation and introduction to teaching in a variety of individual/dual sports, recreational, and physical fitness activities.

2148. Skill Analysis of Team Sports. 1(1-0)

Participation and introduction to teaching in a variety of team sports.

3315. Functional Anatomy. 3(3-0)

This is a basic course in human anatomy. An in-depth study of the structure involved in human movement will be studied as well as the basic functions of these structures. Prerequisite: BIOL 1306.

3316. Medical Terminology. 3(3-0)

This course is designed to develop skills necessary to read and comprehend original research, medical reports, and health/fitness evaluations with regards to prefixes, suffixes and root words of medical terms.

3332. Program Development/Management in Fitness Industries. 3(3-0)

Organizational development and management in corporate, commercial and institutional fitness industries. Prerequisites: EDKN 1300 and EDKN 1301.

3350. Kinesiology and Sport in Society. 3(3-0)

Impact of kinesiology and sport on society and its institutions. Individual characteristics, motivation, psychological interventions and social processes that influence exercise and human performance behaviors. Prerequisite: EDKN 1301.

3426. Basic Physiology of Exercise. 4(4-0)

Physiology as applied to exercise and human performance. How the systems of the body respond to both acute and chronic exercise training. Includes required laboratory experiences. Prerequisites: EDKN 3315 and EDHL 1322.

3445. Measurement and Evaluation in Kinesiology. 4(4-0)

Use and function of the various tests in kinesiology, together with the purpose, scope and techniques of test construction will be analyzed. Sufficient statistical techniques necessary for adequate manipulation and interpretation will be reviewed. Includes required laboratory experiences. Prerequisite: EDKN 1301.

4310. Teaching Elementary Physical Education. 3(3-0)

Developmental movement experiences for children; sport and health-related physical fitness activities, dance, lead-up games, gymnastics, game analysis and evaluative criteria for movement skills. Prerequisite: EDKN 1301.

4311. Teaching Secondary Physical Education. 3(3-0)

Theory and application of group management skills that are appropriate for physical activities. Effects of litigation, facilities, design, program, equipment, class scheduling and lesson planning on group management. Prerequisite: EDKN 1301.

4320. Motor Development/Motor Learning. 3(3-0)

Physical factors that influence growth, maturation and aging; process underlying perceptual-motor performance and the interpretation and applications of motor research to human movement.

4324. Exercise in Chronic Disease and Disabilities. 3(3-0)

Special exercise testing and exercise program design/implementation considerations for individuals with commonly seen chronic diseases and disabilities. Basic pathophysiology. Prerequisites: EDKN 3326 and senior standing.

4325. Biomechanics. 3(3-0)

The study of the human body in its performance of movement and interrelationships of biomechanics, musculoskeletal anatomy and neuromuscular physiology. Prerequisite: EDKN 3315.

4328. Internship. 3(3-0)

The student and the university supervisors will develop a contractual agreement which provides for a minimum of 120 clock hours of specific learning experiences on or off campus. Prerequisite: EDKN 4401.

4334. Research Project in Exercise Science. 3(3-0)

An independent review of literature and a laboratory or field problem yielding a formal report on the research. Prerequisite: EDKN 3445.

4342. Motor Skills for Special Populations. 3(3-0)

Practical considerations for conducting kinesiology programs for individuals of all ages with disabilities. Legal entitlements, integrating persons with disabilities, conducting individualized instruction, physical fitness programs and use of motor skills for transitional living. A minimum of 20 hours of field experiences required. Prerequisite: EDKN 3320.

4401. Exercise Testing and Prescription. 4(4-0)

Design and implementation of exercise programs for healthy and special populations based upon appropriate screening and evaluation procedures. Includes required laboratory experiences. Prerequisite: EDKN 3426.

4417. Advanced Physiology of Exercise. 4(4-0)

This course investigates the role of various physical environments, activity extremes, and disease status on the human response to physical activity. Additional emphasis is placed on the nutrient demands and role of supplements in human performance. Includes required laboratory experiences. Prerequisite: EDKN 3426.

5301. Sports Coaching and Officiating. 3(3-0)

Coaching and coaching strategies, officiating and conducting of sports and athletic programs. Prerequisites: coaching and officiating experience or 4 semester hours of undergraduate coaching and officiating techniques; program majors must have 12 advanced hours in the field.

5303. Teaching College Physical Education. 3(3-0)

The basic instructional and co-curricular program of physical education for colleges and universities.

5305. Graduate Research Project. 3(3-0)

A graduate research project must be completed and submitted to the Graduate Office for a grade to be assigned, otherwise IP notations are recorded. This course is specifically designed for Plan II and Plan III students. Prerequisite: Departmental approval.

5306. Thesis. 3(3-0)

This course is for Plan I students. The course requires 6 hours of grades, the first 3 hours consisting of completion of a thesis proposal and the last 3 hours consisting of completion of the thesis. Prerequisite: Departmental approval and completion of the thesis proposal is a prerequisite for enrollment in the last 3 hours of thesis

5308. Administration of Athletics. 3(3-0)

The problems, basic procedures and current practices involved in the administration of interscholastic, intercollegiate and professional athletics.

5309. Organization and Administration of Kinesiology Programs. 3(3-0)

Principles, practices and applied procedures in the organization, administration and supervision of school physical education programs.

5312. Physiology of Exercise. 3(3-0)

Investigates the effects of physical exercise on the function of the human body and physiological responses to exercise that are dependent on its intensity, duration and frequency and the physiological status of the individual and environmental circumstances.

5315. Current Issues and Trends in Kinesiology Programs. 3(3-0)

Examines contemporary problems in kinesiology. Prerequisite: program majors must have 12 advanced hours in the field.

5316. History and Philosophy of Sport and Human Performance. 3(3-0)

Examines the historical and philosophical perspectives of kinesiology. Prerequisite: program majors must have 12 advanced hours of kinesiology.

5317. Research in Kinesiology. 3(3-0)

Introduction to research in kinesiology. Prerequisite: program majors must have 12 advanced hours of kinesiology or EDKN 5338. EDKN 5338 may be co-requisite.

5333. Seminar in Selected Topics. 3(3-0)

Special problems in kinesiology, recreation or athletics are identified and researched. May be repeated for credit as topics change. Prerequisite: program majors must have 12 advanced hours in the field. Contact Program Coordinator for specific topics offered.

5338. Statistical Analysis of Research Data. 3(3-0)

The statistical analysis and interpretation of research data in health, kinesiology and recreation. Concentration is on the concepts underlying the various statistical tests.

READING (EDRG)

3315. Early Literacy Instruction. 3(3-0)

This course is designed to teach pre-service teachers the components of early literacy instruction and the science of teaching reading. Using evidence-based reading research, the course focuses on teaching emergent literacy skills, such as oral language development, print awareness, phonological and phonemic awareness, while addressing decoding, encoding, and word analysis skills. This course emphasizes how to plan effective instruction for early literacy learners. This course may require 10 hours of experiential learning.

3389. Teaching Reading in the Intermediate Grades and Middle School. 3(3-0)

This course focuses on the science of teaching reading through a detailed analysis in advanced phonics, fluency, vocabulary, and comprehension specifically for students in the intermediate and middle school grades. Literacy theories and strategies for each will be presented. In addition, this course will also offer information on new literacies and speaking and listening skills utilized in grades 4-8. This course may require 10 hours of experiential learning.

4325. Disciplinary and Content Area Literacy. 3(3-0)

This course is designed to teach pre-service teachers that literacy permeates in all disciplinary and content areas. The focus of the course will be on teaching the science of reading through the structures, strategies, and approaches to teaching literacy in various disciplines, while developing the knowledge, skills, and attitudes to meet the literacy needs of students. This course may require 10 hours of experiential learning.

4331. Reading Assessment and Intervention. 3(3-0)

This capstone course focuses on multiple literacy assessments and their use in the classroom setting. Principles of assessment are discussed with a special focus concerning the use of assessment to guide instruction. Also included is differentiated instruction for special populations, language development and reading disabilities. Prerequisite: EDRG 3314 or EDRG 3389.

5305. Graduate Research Project. 3(3-0)

A graduate research project must be completed and submitted to the Graduate Office for a grade to be assigned. Otherwise IP notations are recorded. This course is specifically designed for Plan II and Plan III students. Prerequisites: EDED 5329 and departmental approval.

5306. Thesis. 3(3-0)

This course is for thesis students. The course requires 6 hours of grades, the first 3 hours consisting of completion

of a thesis proposal and the last 3 hours consisting of completion of the thesis. Completion of the thesis proposal is a prerequisite for enrollment in the last 3 hours of thesis.

5310. Early Literacy Learning and Instruction. 3(3-0)

Early Literacy Learning and Instruction is designed to address the literacy needs of young children from birth to early elementary. This course examines various emergent literacy skills needed for children to learn to read and the pedagogies that explicate such learning. This course allows graduate students to teach children to read and/or work with struggling readers who are missing the foundational early literacy skills.

5315. Children's and Young Adult Literature. 3(3-0)

Content, readability, evaluation, and use of children's books and young adult literature in the classroom are emphasized in this course. Special attention is given to integration, inclusion, and authentic uses for meeting the diverse needs of the student population through the use of text.

5320. Improving Reading in Secondary Schools. 3(3-0)

Unique aspects of secondary reading and the particular needs of adolescent readers are examined and appropriate strategies for meeting those needs investigated. Special attention is given to using adolescent literature and other media to engage, promote critical thinking in ways necessary for secondary students.

5325. Teaching the Language Arts and Reading. 3(3-0)

The application of methods and materials to develop the essential elements of language arts is discussed. This includes listening, speaking, reading, writing, viewing, and visually representing in the classroom and the interrelated nature of these components. Attention is paid to the developmental process of writing from both an elementary and secondary perspective. Attention is paid to the developmental process of reading from both an elementary and secondary perspective. Special attention is spent on the recursive nature of reading and writing.

5329. Foundations of Educational Research: Literacy. 3(3-0)

Course addresses basic concepts associated with research as well as historical development of research methodologies. Students will be expected to critically evaluate existing research and understand how research impacts foundational and contemporary issues in literacy education. This course is reading and writing intensive and students are expected to synthesize information in an educational area of choice related to literacy education. American Psychological Association manual style will be emphasized.

5335. Models and Theories in Literacy and Learning. 3(3-0)

Models and Theories in Literacy Learning addresses the varied theories, theorist, and models in literacy education. It focuses on how those theories set the stage for learning and instruction. Historical, Sociological, Theoretical and current research pertaining to reading and its instruction will be discussed in the context of both curriculum and instruction and learning.

5340. Adult Literacy. 3(3-0)

Adult Literacy addresses the varied literacy needs of adult learners. The course emphasizes reading, writing, listening, and speaking skills needed in formal settings and in social environmental context particular for adults. This course is for graduate students who wish to assess, tutor, and teach adult learners to read and/or improve various literacy skills in adults.

5345. Community and Family Literacies. 3(3-0)

Community and Family Literacies focuses on the development of literacy strategies and practices to improve the literacy needs of the adult learner within the community and/or family. Particular attention will be placed on learning about both the need and availability of community services/resources throughout the lifespan and in particular for literacy learning. The course will emphasize developing a partnership between schools, families, and community based, non-profit organizations and local, state, and national agencies.

5350. Dyslexia and Reading Differences. 3(3-0)

This course emphasizes the literacy demands of struggling readers. Attention will be given to the symptoms, remediation, and intervention within a paradigm of Dyslexia and related disabilities and differences. These diagnoses include: hyperlexia, dysgraphia, and attention deficit disorder. Appropriate instructional practices such as multi-sensory teaching strategies will be explored and specific best practices within reading intervention promoted.

5355. Literacy Assessment and Intervention. 3(3-0)

Includes methods of assessment, both formal and informal, with attention given to using data to drive instruction, differentiated reading instruction and grouping practices. Students will become familiar with different methods of reading assessment, including formal and informal assessments. Intervention techniques appropriate for overcoming and working within reading difficulties will be explained. Prerequisite: EDRG 5310 and EDRG 5320.

5360. School Wide Literacy Leadership. 3(3-0)

School Wide Literacy Leadership will explore the role of the reading specialist and master reading teacher as a leader in the school and community. This course allows students to examine opportunities to support and guide literacy programs in schools, families, and communities by evaluating a school wide literacy program to promote school change. This course will also take student's through the process of supporting educators' growth in pedagogy through a professional development model of instructional coaching to cultivate classroom change. This course requires a 30 hour clinical practicum in reading. Prerequisites: EDRG 5310, EDRG 5320, and EDRG 5355. **In addition, 2 years teaching experience and a valid teaching certificate is REQUIRED.**

5365. Action Research in Literacy. 3(3-0)

This course provides the necessary skills and processes to conduct a literacy action research study. Graduate students will be expected to complete the Institutional Review Board (IRB) process. After completion of the IRB process, this course requires graduate students to collect data, analyze data, report findings, and take informed action. The action research study will serve as students' Graduate Research Project. This study will also lay the foundation for students wishing to pursue a Master's Thesis. Prerequisites: EDRG 5310, EDRG 5320, EDRG 5325, EDRG 5329, EDRG 5335, and EDRG 5355.

5367. Seminar in Special Problems in Reading. 3(3-0)

This seminar investigates current issues and trends in reading, language arts, and education. This course may be repeated when course topic change. Prerequisite: 9 hours of graduate reading courses.

5377. Clinical Practicum in Reading. 3(3-0)

Experience in developing competency in diagnosis and remediation of reading deficiencies in clinical setting. Prerequisites: EDRG 5314 and EDRG 5372.

5380. Internship in Literacy Leadership. 3(3-0)

This course provides experience in literacy leadership. Graduate students are expected to partner with a campus or district reading specialist and assist in assessing and providing support to PK-12 students. In addition, graduate students are expected to provide instructional support and professional development to teacher. The graduate student will be required to complete a minimum of 130 hours combined in pre-K, elementary, middle, and high school settings, as reading specialist certification encompasses PK-12. Prerequisite: EDRG 5310, EDRG 5320, EDRG 5325, EDRG 5329, EDRG 5335, EDRG 5355, and EDRG 5360. **In addition, 2 years of teaching experience and a valid teaching certificate is REQUIRED.**

5390. Literacy Study Abroad. 3(3-0)

This course provides a short-term study abroad experience in a host country/state or regional area. This course will provide students with an in-depth knowledge of the language arts: reading, writing, listening, speaking, viewing, and visually representing in another language, culture, and/or country. Pre-travel background reading and discussion of target country/region; travel orientation and approval of project; host country observation of education facilities and personnel; discussions with host country educational leaders, professors and government officials; post travel reports.

SPECIAL EDUCATION (EDSE)

3345. Survey of Exceptional Individuals. 3(3-0)

A survey of special education with attention devoted to mildly to moderately handicapped individuals in the socio-cultural context: family, community, educational and vocational. This is the first course in the special education sequence.

3346. Development of Exceptional Individuals. 3(3-0)

Emphasis is upon the growth and development of exceptional individuals within low incidence populations, including comparisons of developmental milestones and the study of causes of behavior and recurring patterns of behavior.-Prerequisite: EDSE 3345.

3347. Behavior Management for Exceptional Individuals. 3(3-0)

Approaches to individual and group behavior change and behavior management with exceptional individuals. Includes the observation of exceptional individuals in varying settings.

3348. Educational Procedures for Exceptional Students. 3(3-0)

Instructional models and strategies applicable to the educational needs of exceptional individuals within high incidence populations. This is the last course in the special education sequence. Prerequisite: EDSE 3345.

4340. Collaboration and Transition Services in Inclusive Settings. 3(3-0)

Consultation skills for effective collaboration with families and among professionals toward the goal of inclusion of students with exceptionalities in least restrictive environments. Prerequisite: EDSE 3345.

4346. Assessment of Exceptional Individuals. 3(3-0)

Formal and informal assessment procedures applicable to identification of and instructional planning for exceptional individuals. The theory and content of instruments used to identify, analyze and evaluate the strengths and learning needs of exceptional individuals are emphasized. Prerequisite: EDSE 3345.

4347. Federal and State Regulations Concerning Exceptional Individuals. 3(3-0)

Principles and procedures designed to comply with the various rules and regulations concerning exceptional individuals. Prerequisite: EDSE 3345.

5301. Research in Special Education. 3(3-0)

Presents the principles and methodology of conducting research in special education; reviews and evaluates pertinent research studies and recent trends in the field; facilitates the preparation for a proposal for a research project.

5305. Graduate Research Project. 3(3-0)

A graduate research project must be completed and submitted to the Graduate Office for a grade to be assigned, otherwise IP notations are recorded. This course is specifically designed for Plan II and Plan III students. Prerequisite: departmental approval.

5306. Thesis. 3(3-0)

This course is for Plan I students. The course requires 6 hours of grades, the first 3 hours consisting of completion of a thesis proposal and the last 3 hours consisting of completion of the thesis. Completion of the thesis proposal is a prerequisite for enrollment in the last 3 hours of thesis.

5308. Research Seminar: Gifted Education. 3(3-0)

Includes a review and critique of the research literature exploring the controversies and trends surrounding the education of gifted learners.

5309. Special Problems: Advanced Behavioral Interventions. 3(3-0)

Study of designated areas in special education as approved by the University. May be repeated for credit when topics change. Prerequisite: EDSE 5360.

5321. Accommodating Diverse Populations in the Classroom. 3(3-0)

Introduction to the characteristics and education of exceptional learners. Emphasizes classroom practices and psychological, sociological and medical aspects of disabilities. Inclusionary practices in various educational contexts are investigated. This course will require 15 hours of field observation.

5324. Designing Instructional and Behavioral Programs for Special Populations. 3(3-0)

Major program designs, curricular goals, content and instructional strategies effective for students within high incidence populations with learning and behavioral disabilities including response to intervention and positive behavioral supports across content areas. Prerequisite: EDSE 5321.

5325. Development and Disability. 3(3-0)

Emphasizes human growth and development from prenatal through early adulthood considering cognitive, physical, social-emotional and medical considerations for individuals with mild to multiple and severe disabilities within low incidence populations. Prerequisite: EDSE 5321.

5326. Behavioral Aspects of Classroom Organization and Management. 3(3-0)

Development of a broadened perspective on socioemotional disorders. Educational translation and synthesis of psychoeducational theoretical approaches and classroom application into the most viable alternatives to meet the educational needs of special populations. A minimum of 15 hours of field experience is required. Prerequisite: EDSE 5360.

5327. Special Populations: Legislation, Litigation and Advocacy. 3(3-0)

State and federal legislation and litigation ensuring the rights of special populations for full participation in American society. Effective lifespan advocacy with and for individuals from special populations and their families. Prerequisite: EDSE 5360.

5328. Advanced Practicum in Special Education. 3(3-0)

Individualized field experiences providing opportunity for observation, research and intervention with persons who are handicapped. Experiences in direct and indirect service in professional settings. Prerequisite: EDSE 5360.

5332. The Bilingual Child in Special Education. 3(3-0)

An overview of special education issues relevant to handicapped, limited English proficient children. Prerequisite: EDSE 5360.

5335. Curriculum Adaptations for Exceptional Bilingual Students. 3(3-0)

Curriculum needs and program planning for culturally and linguistically different exceptional students. Prerequisite: EDSE 5360.

5337. Methods, Materials and Curriculum for Teaching Gifted Students. 3(3-0)

Explores the identification of gifted students, the scope and sequence of programs, curriculum models and instructional strategies.

5350. The Education of Gifted Learners. 3(3-0)

Provides the foundation for studies in the education of students who are gifted and talented, including the nature and needs of the students and the theories, models and applications underlying educational programming.

5355. Assessment and Educational Procedures for Low Incident Populations. 3(3-0)

Presents a variety of assessment techniques and tools designed specifically for individuals teaching or assessing students with severe disabilities. A minimum of 15 hours of field experience is required. Prerequisites: EDSE 5360, EDSE 5361.

5374. Educational and Psychological Measurement and Evaluation. 3(3-0)

Diagnostic and instructional assessment of individuals with handicaps for collaborative education decision-making. Selection and administration of measures for comprehensive evaluation of individuals within their environments. A minimum of 15 hours of field experience is required. Prerequisite: EDSE 5360.

5375. Special Education Assessment Practicum. 3(3-0)

Focuses on opportunities for gaining extensive field experience in the administration of standardized individual psychological and educational batteries to children and youth, ages 3-21. Prerequisites: EDSE 5360, EDSE 5361.

5377. Identification and Services for Young Children with Special Needs. 3(3-0)

Process of identifying young children, ages birth to six, who have disabilities. Assessment strategies and techniques will be emphasized. Fifteen hours of field work are included. Prerequisites: EDSE 5360, EDSE 5361.

ENGLISH (ENGL)

1301. Composition 1. 3(3-0)

Introduces students to college-level reading and writing through the development of reading habits and composing practices that will enable students to respond critically and communicate persuasively to a variety of audiences.

1302. Composition 2. 3(3-0)

This course builds on the reading and writing skills developed in ENGL 1301 and invites students to enter into academic discourse through research wherein they will be asked to synthesize and respond to a variety of perspectives on a topic of their choosing. Students will also read and compose a variety of texts oral, written, and visual. Prerequisite: ENGL 1301.

2300. Writing for the Social Sciences. 3(3-0)

Intended for those majoring in the social sciences, this course exposes students to the analysis and practice of various research methods and forms of writing in the social sciences, including qualitative/ethnographic, quantitative, interpretive, and theoretical. Prerequisite: ENGL 1302.

2311. Technical Writing. 3(3-0)

Intensive study and practice of technical and professional genres such as proposals, reports, instructions, policies and procedures, e-mail messages, letters, and descriptions of products and services. Students will also practice individual and collaborative processes involved in the creation of ethical and efficient documents. Prerequisite: ENGL 1301

2321. Themes and Genres in British Literature. 3(3-0)

Compares a variety of texts from the British Isles, its former colonies, and Commonwealth nations, and considers the ways that literature has shaped and reflected images of British cultural identity. Prerequisite: ENGL 1302.

2326. Literature of the Americas. 3(3-0)

Considers the ways in which literature has shaped, reflected, and challenged perceptions of American cultural identity through the study of a variety of texts, both literary and historical. Prerequisite: ENGL 1302.

2331. Introduction to World Literature. 3(3-0)

Considers texts from diverse genres, periods, and cultural traditions with special attention to critical thinking and writing within a framework of cultural diversity. Readings will include historical accounts, letters, essays, poetry, drama, memoirs, speeches, scientific writing, religious tracts, political treaties, philosophy, novels, oral traditions, and popular and folk literatures. This course meets the standards for the Language, Philosophy and Culture foundational component area under the core curriculum. Prerequisite: ENGL 1302.

2344. Introduction to Fiction. 3(3-0)

Introduces students to the creative art of fiction. Areas of emphasis may include American, British, Continental and/or Non-Western fiction, as well as specific historical periods. Can include prose narratives, short stories, novellas, and novels, as well as the social function of fiction more generally. Prerequisite: ENGL 1302.

2345. Introduction to Drama. 3(3-0)

Selected topics in American, British, or Continental and/or Non-Western drama. Emphasis may be on historical development, certain periods or some other approach to the study of drama. This course meets the standards for the Creative Arts foundational component area under the core curriculum. Prerequisite: ENGL 1302.

2346. Introduction to Poetry. 3(3-0)

Introduces students to the appreciation and analysis of poetry. Includes instruction in scansion and metrics, and the relationship between form and content. Prerequisite: ENGL 1302.

2355. Children's Literature. 3(3-0)

A survey of children's literature. The course includes various authors and illustrators in such genres as the oral tradition, fantasy, realistic and historical fiction, poetry, and the picture book. This course meets the standards for the component area option under the core curriculum. Prerequisite: ENGL 1302.

2370. Introduction to English Studies. 3(3-0)

This course will introduce students to major literary genres, methods of literary and/or rhetorical analysis, and writing conventions in English Studies. Prerequisite: ENGL 1302.

2388. Introduction to Visual Studies. 3(3-0)

Introduction to the interdisciplinary field of visual studies, both theoretical and practical. Includes the study of film, television, advertising, photography, and/or graphic novels. This course meets the standards for the Creative Arts foundational component area under the core curriculum. Prerequisite: ENGL 1302.

3300. Special Topics in Writing. 3(3-0)

Practice and refinement of the writing process with emphasis on audience, purpose and form; paying attention to rhetorical invention, arrangement and style appropriate to the particular topic. May be repeated when a different topic is scheduled. Prerequisite: ENGL 1302.

3301. Advanced Technical Writing. 3(3-0)

This course engages students in a comprehensive, project-based study of advanced technical writing. Students will increase their knowledge of document design, usability, and publication as they create appropriate and effective technical documents for a variety of workplace settings. Prerequisite: ENGL 1302.

3320. Writing for the Humanities. 3(3-0)

Introduces students to the types of writing they will be asked to do as humanities majors, including short response essays, review essays, analytical essays, argumentative essays, and research reports. Prerequisite: ENGL 1302

3322. Medieval Literature. 3(3-0)

Major works of literature from Old and Middle English, including Chaucer, medieval plays, and examples of other early literary traditions. Prerequisites: ENGL 2370 **and** 2321, or 2326, 2331, 2344, 2345, or 2346.

3325. Early Modern Literature. 3(3-0)

Selected readings in poetry, prose and non-Shakespearean drama of the 16th and 17th centuries. Prerequisites: ENGL 2370 **and** 2321, or 2326, 2331, 2344, 2345, or 2346.

3327. Restoration and 18th Century Literature. 3(3-0)

The period from 1660 to 1800 with representative works of the major writers in verse, prose and drama. Prerequisites: ENGL 2370 **and** 2321, or 2326, 2331, 2344, 2345, or 2346.

3331. The Major Plays of Shakespeare. 3(3-0)

A close analysis of representative comedies and histories and the major tragedies. Prerequisites: ENGL 2370 **and** 2321, or 2326, 2331, 2344, 2345, or 2346.

3342. Romantic Literature. 3(3-0)

Canonical and noncanonical writers associated with the Romantic period. Cultural background and representative works, including poetry and nonfiction prose. Prerequisites: ENGL 2370 **and** 2321, or 2326, 2331, 2344, 2345, or 2346.

3344. Victorian Literature. 3(3-0)

Canonical and noncanonical writers of the Victorian period. Cultural background and representative works, including poetry and nonfiction prose. Prerequisites: ENGL 2370 **and** 2321, or 2326, 2331, 2344, 2345, or 2346.

3346. 20th and 21st Century British Literature. 3(3-0)

A study of British poetry, fiction, drama and non-fiction prose from the twentieth and twenty-first centuries. Prerequisites: ENGL 2370 **and** 2321, or 2326, 2331, 2344, 2345, or 2346.

3362. Early American Literature. 3(3-0)

Survey of early American literature and culture from the Colonial Period to the early nineteenth century. Includes poetry, fiction, drama and non-fiction prose. Prerequisites: ENGL 2370 **and** 2321, or 2326, 2331, 2344, 2345, or 2346.

3363. American Romanticism. 3(3-0)

Study of significant works of American literature from the early and mid-nineteenth century. Prerequisites: ENGL 2370 **and** 2321, or 2326, 2331, 2344, 2345, or 2346

3364. American Literature 1865 to Progressive Era. 3(3-0)

Canonical and noncanonical American writers from the Civil War through the Progressive Era. Explores cultural background and representative works, including poetry and nonfiction prose. Prerequisites: ENGL 2370 **and** 2321, or 2326, 2331, 2344, 2345, or 2346.

3366. 20th and 21st Century American Literature. 3(3-0)

A study of American poetry, fiction, drama and non-fiction prose from the twentieth and twenty-first centuries. Prerequisites: ENGL 2370 **and** 2321, or 2326, 2331, 2344, 2345, or 2346.

3376. Mythology. 3(3-0)

Greek and Roman mythology; epics of Western Europe, as background for the study of literature in the English language. Prerequisites: ENGL 2370 **and** 2321, or 2326, 2331, 2344, 2345, or 2346.

4310. Introduction to Linguistics. 3(3-0)

An introduction to the scientific study of language. Prerequisites: ENGL 3331.

4312. Advanced Composition. 3(3-0)

Study of advanced research methods, writing, rhetoric, and grammar. Prerequisites: ENGL 3331.

4315. Grammar and Style. 3(3-0)

Covers basic and advanced concepts of grammar, usage and punctuation, and techniques and practices for effective writing. Prerequisite: ENGL 3331.

4330. Topics in Creative Writing. 3(3-0)

Develops students' theoretical knowledge and practical experience in using the techniques of creative writing. Prerequisite: ENGL 3331.

4370. Special Topics in English. 3(3-0)

Selected topics in British or American literature and/or world literature and language. A topic for intensive investigation will be selected for each offering of the course. May be repeated once for credit. (Credit may not be obtained in both ENGL 4370, and, when topic is taught from a women's studies perspective, WGST 4370.) Prerequisite: ENGL 3331.

4372. Major Authors. 3(3-0)

Devoted to the study of one or two major authors, their canonical and non-canonical works, as well as related literary criticism. Prerequisite: ENGL 3331.

4375. Studies in Women's Literature. 3(3-0)

Study of women's literature based on a selected period, nationality, and/or issue. (Credit may not be obtained in both ENGL 4375 and WGST 4375.) Prerequisite: ENGL 3331.

4385. Studies in Cultural Literatures. 3(3-0)

Study of cultural literatures based on a selected period, nationality, and/or issue. Various genres, theoretical perspectives, and critical questions may be emphasized, along with comparisons among the literatures of various cultures. Prerequisite: ENGL 3331.

4386. African American Literature. 3(3-0)

The study of literary works in various forms and media written by African Americans. Can cover any historical period from Colonial America to the present. Prerequisite: ENGL 3331.

4388. Latina/o Literature. 3(3-0)

Survey of the chief Latina/o poets and prose writers. Prerequisite: ENGL 3331.

4392. Teaching English. 3(3-0)

Required course for ENGL with Teaching Certification students. The course focuses on teaching novels, short stories, poetry, drama, and film to students in grades 8-12. Students will create classroom activities and lesson plans, research and analyze pedagogy, and complete a teaching portfolio. Prerequisite: ENGL 3331.

4395. Advanced Visual Studies. 3(3-0)

Study of film, television, advertising, graphic novels, and/or photography as well as current theory. Includes extensive analysis of key aspects of contemporary culture that rely on visual images. Prerequisite: ENGL 3331.

4398. Senior Seminar. 3(3-0)

An intensive examination of a critical literary approach or a special topic in literary and cultural studies requiring the production of an extensive research-based project. Prerequisites: ENGL 4310, or 4312, or 4315 or 4330

5300. Introduction to Graduate Studies in English. 3(3-0)

Provides a foundation for the M.A. in English, serving as an introduction to methods of research in literature and to advanced-level scholarship in language and literature. Must be taken by all graduate English majors and supporting fields during the first year of enrollment in the program. Prerequisite: 12 semester hours of advanced English.

5301. Topics in Rhetoric and Composition. 3(3-0)

Study of a specific topic in the art of writing and/or in the teaching of that art. May be repeated when a different topic is scheduled. Prerequisite: 12 semester hours of advanced English.

5302. Theory and Practice of Teaching Writing. 3(3-0)

This course will help to prepare students to teach developmental, basic and freshman composition at the university level. Students will become familiar with the critical approaches and theoretical issues central to the teaching of writing, and will gain practical skills transferable to the classroom. Prerequisite: 12 semester hours of advanced English.

5305. Graduate Research Project. 3(3-0)

A faculty-led workshop course in which students produce a scholarly research project. A graduate research project must be completed and submitted to the Graduate Office for a grade to be assigned, otherwise IP notations are recorded. This course is specifically designed for Plan II and Plan II students. Prerequisite: Departmental approval.

5306. Thesis. 3(3-0)

This course is for Plan I students. The course requires 6 hours of grades, the first 3 hours consisting of completion of a thesis proposal and the last 3 hours consisting of completion of the thesis. Completion of the thesis proposal is a prerequisite for enrollment in the last 3 hours of thesis.

5310. Topics in Linguistics. 3(3-0)

Study of a specific topic in descriptive, contrastive, variational, or historical linguistics. May be repeated when a different topic is scheduled. Prerequisite: 12 semester hours of advanced English or equivalent.

5315. Literary and Critical History. 3(3-0)

Study of major literary movements and critical approaches to literature. Introduction to the discipline of literary criticism and its origins, the creation of canons, various critical methodologies, and techniques of bibliography and research, among other topics. Prerequisite: 12 semester hours of advanced English.

5320. Topics in British Literature. 3(3-0)

Study of an author, literary period or other specific topic in British literature. May be repeated when a different topic is scheduled. Prerequisite: 12 semester hours of advanced English.

5330. Gender Studies. 3(3-0)

Study of gender in literature and theory. Can be team-taught from an interdisciplinary perspective. Prerequisite: 12 semester hours of advanced English.

5340. Major Authors. 3(3-0)

Study of one or two major authors, their canonical and noncanonical works, as well as related literary criticism. Prerequisite: 12 semester hours of advanced English.

5350. Studies in Multi-Ethnic Literatures. 3(3-0)

Study of multicultural literature and theory. Can be team-taught from an interdisciplinary perspective. Prerequisite: 12 semester hours of advanced English.

5360. Topics in American Literature. 3(3-0)

Study of an author, literary period or other specific topic in American literature. May be repeated when a different topic is scheduled. Prerequisite: 12 semester hours of advanced English.

5370. Special Topics in Literature. 3(3-0)

Study of a specific topic in literature written in or translated into the English language. May be repeated when a different topic is scheduled. Prerequisite: 12 semester hours of advanced English.

5375. Cultural Studies. 3(3-0)

Survey of main issues, theories, and methods in cultural studies. Topics may include communications and mass culture; gender, race, and the social construction of identity; historiographic and ethnographic approaches to modern cultures and societies. Prerequisite: 12 semester hours of advanced English.

5380. Visual Studies. 3(3-0)

Study of film, television, advertising, graphic novels, and/or photography as well as current theory. Can be team-taught. Prerequisite: 12 semester hours of advanced English.

FINANCE (FINC)

3328. Internship in Finance. V:1-3

An off-campus learning experience allowing the acquisition and application of finance skills in an actual work setting. Prerequisite: admitted to the College of Business.

3333. Commercial Bank Management. 3(3-0)

Problems confronting commercial banks: development and application of credit standards, decisions on loan applications, liquidity management and profit sensitivity to varying interest rates. Prerequisite: ECON 3331.

3337. Business Finance. 3(3-0)

Determining and analyzing the forms of business enterprise. Analysis of the techniques, methods and procedures used in the acquisition and proper employment of funds in the business entity. Prerequisites: admitted to the College of Business and BUAD 3301.

3338. Financial Statement Analysis. 3(3-0)

Analysis and interpretation of financial statements for the guidance of management, stockholders and other stakeholders. Establishment of firms' business profiles; quality of earnings issues; and stock valuation. Prerequisite: admitted to the College of Business.

3345. Real Estate Finance. 3(3-0)

Real estate valuation and methods of financing real estate transactions, property management and taxation. Instruments and sources of real estate credit. Real estate appraisal theory and practice. Real estate investment trusts (REIT). Prerequisite: admitted to the College of Business.

3351. Insurance and Risk Management. 3(3-0)

Principles and practices of risk management and insurance. Property and casualty insurance, fire insurance, consequential loss, transportation insurance, automobile insurance, crime insurance and disaster insurance. Individual life insurance, annuities and health insurance products with emphasis on policy coverage. Prerequisite: admitted to the College of Business.

4331. Investments. 3(3-0)

Principles governing the proper investment of personal and institutional funds; the characteristics of a sound investment and the analysis of the different securities offered to investor. Prerequisites: FINC 3337.

4332. Portfolio Management. 3(3-0)

Analysis and evaluation of the decision-making process in investments. Asset valuation, portfolio and risk management and performance evaluation. Theoretical and analytical developments in security selection and portfolio management. Prerequisite: FINC 4331.

4336. Financial Management. 3(3-0)

Finance function and its integration into the administration of the firm. Selected case studies and problems illustrate techniques used in financial decision making and optimum capital utilization. Prerequisite: FINC 3337.

4341. Financial Markets and Institutions. 3(3-0)

Financial markets and institutions in the U.S. economy. Determinants of savings and investments, interest rates and flow of funds. Role of regulatory agencies governing financial markets and institutions. Money and capital market instruments and institutions. Prerequisite: ECON 3331.

4342. International Finance. 3(3-0)

Foreign exchange markets, balance of international payments, short-term borrowing and investment decisions. Changes in exchange rates: pricing, profitability and output decision, international aspects of capital decisions. Prerequisite: FINC 3337.

4360. Options and Futures. 3(3-0)

Structure of the options and futures markets and the trading system of derivatives. Options and futures pricing theory. Analysis of hedging strategies using options and futures. Role of options and futures trading strategies as part of portfolio management, performance evaluation and investment planning. Prerequisite: FINC 4331.

4362. Planning and Capital Budgeting. 3(3-0)

Corporate analysis of valuations and investments, capital budgeting and financing, credit and debt management, risk management and taxation. Short-term planning including cash and working capital management. Long-term planning including debt and equity management. Prerequisite: FINC 3337.

4364. Business Forecasting. 3(3-0)

Techniques for statistically sound business forecasting. Graphical analysis and concepts such as seasonality, trends and cycles. Advanced forecasting using ARMA modeling as well as regression. Prerequisite: BUAD 3355.

4393. Special Problems in Finance. 3(3-0)

Special studies in finance. May be repeated once for credit. Prerequisite: admitted to the College of Business.

5331. Managerial Finance. 3(3-0)

An advanced study of the theoretical framework of corporate financial management. Combines theory and case analysis to integrate principles with practice. Emphasis on the relevant theory and the application of theory to managerial problems. Applies concepts of corporate finance, accounting principles and quantitative analysis. Prerequisites: BUAD 5301 and BUAD 5302.

5336. Investment Analysis. 3(3-0)

A study of the financial markets, investment theory, security valuation, investment goals and portfolio selection. Professional investment management techniques are examined in the context of modern portfolio theory. A unified systems approach is adopted for investment selection and control. Prerequisite: FINC 5331.

5339. Special Problems in Finance. 3(3-0)

Special studies or internship in finance. May be repeated once for credit.

5341. Financial Markets & Institutions. 3(3-0)

Nature and role of financial markets and institutions in the U.S. economy. Determinants of savings, investments, interest rates, and flow of funds. Role of regulatory agencies and regulations governing financial markets and institutions. Studies of various money and capital market instruments and institutions. Prerequisite: FINC 5331.

5342. International Financial Management. 3(3-0)

Financial management of the multinational firms. The determinants of exchange rates and the management of exchange rate risk. The financial analysis and control of foreign investment decisions, management of working capital, participation in the international capital markets, financing of international trade, and management of corporate risk. Prerequisite: FINC 5331.

5362. Corporate Valuation & Strategy. 3(3-0)

Corporate financial analysis of valuations and investments, capital budgeting and financing, credit and debt management, risk assessment and management. The techniques and issues involved in strategic long-term investment decisions. Analysis of the concepts of the cost of capital and financial structure, dividend policy, forecasting, cash flow analysis, short-term and long-term financial planning. Prerequisite: FINC 5331.

FIRE AND EMERGENCY SERVICES ADMINISTRATION (FESA)**3330. Political and Legal Foundations for the Fire Services. 3(3-0)**

This course examines the legal aspects of the fire service and political and social impacts of legal issues. This course includes a review of the American legal system, Texas legal system, local government systems and in-depth coverage of legal and political issues involving employment and personnel matters, administrative and operational matters, planning and code enforcement, and legislative and political processes with regard to the fire service.

3332. Fire Prevention Organization and Management. 3(3-0)

This course examines the factors that shape fire risk and the tools for fire prevention, including risk reduction education, codes and standards, inspection and plans review, fire investigation, research, master planning, and various types or influence and strategies.

3334. Personnel Management for Fire and Emergency Services. 3(3-0)

An examination of the basic human resource management and development practices of the fire and emergency services professions. Topics include, but are not limited to the development of the merit system and civil service; public sector requirements of hiring, promotion, pay, and benefits; discipline and grievance handling; the development and impact of public-sector collective bargaining.

3336. Advanced Principles in Fire and Emergency Services Safety and Survival. 3(3-0)

This course will look at the basic principles and history related to the National Fire Fighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services. The course will also emphasize their importance of safety and survival at the supervisory and managerial levels.

3338. Community Risk Reduction. 3(3-0)

This course examines concepts of community sociology, the role of fire-related organizations within the community, and their impact on the local fire problem, including fire service relationships within the community and other agencies, developing a community inventory, shaping community policy, master planning, and shaping community perceptions about the local fire service.

3340. Disaster Planning and Control. 3(3-0)

This course examines concepts and principles Disaster Planning and Control of fires, and natural and man-made disasters, including National Incident Management System - Incident Command Systems (NIMS ICS), mutual aid and automatic response, training and preparedness, communications, civil disturbances, terrorist threats/incidents, hazardous materials planning, mass casualty incidents, earthquake preparedness, and disaster mitigation and recovery.

3342. Fire Officer III. 3(3-0)

This course will enable students to meet the knowledge and skill requirements of NFPA 1021, *Standard for Fire Service Officer Professional qualifications*, Chapter 6. The class is designed to focus on advanced management of fire service divisions/programs. The course will focus on several key areas the mid-level fire officers are required to manage and lead.. This course will require the students to complete skill requirements of a Fire Officer III as prescribed by Texas Commission on Fire Protection (TCFP).

3344. Fire Instructor III. 3(3-0)

This course will enable students to meet the requirements of NFPA 1041, *Standard for Fire Service Instructor Professional qualifications*. This course will expand the knowledge and ability of the student to develop comprehensive training curriculum and programs for use by single or multiple organizations; conduct organization needs analysis; and develop training goals and implementation strategies.

This course will require the students to complete skill requirements of a Fire Instructor III as prescribed by Texas Commission on Fire Protection (TCFP)

3346. Advanced Firefighting Strategies and Tactics. 3(3-0)

Emphasis on the use of incident management in large scale command problems and other specialized fire programs. Students will utilize the National Infrastructure Preparedness Plan (NIPP, 2013) to identify Critical Infrastructure and Key Resources (CIKR) needs and issues in relation to strategy and tactical requirements related to Homeland Security responses.

3348. Homeland Security and Homeland Defense. 3(3-0)

This class will examine the policy and practices related to Homeland Security and Homeland Defense. Students will utilize the National Infrastructure Preparedness Plan (NIPP, 2013), Homeland Security and Homeland Defense documents to understand the policy and practices since the creation of the Department of Homeland Security. Students identify Critical Infrastructure and Key Resources (CIKR) needs and issues in relation to requirements related to Homeland Security response.

3350. Introduction to Fundamentals of Homeland Security. 3(3-0)

This course is an introductory course that examines many facets of Homeland Security in the United States as it relates to emergency response. There will be a review of the historical and contemporary governmental theories and practices of Homeland Security and emergency services at both the public and private levels. An examination of Homeland Security as it relates to national, regional, state and local emergency responses will be provided. The course also details the administrative, legislative and operational elements of Homeland Security with an understanding and appreciation of Presidential declarations, Presidential directives, judicial rulings, Congressional initiatives and constitutional rights as it applies to providing emergency services to the citizens of the United States. Other topics to be presented as they relate to emergency responders may include the threat of terrorism, manmade and natural disasters, governmental policy, intelligence and investigative techniques that support this overall objective.

3352. Homeland Security and Emergency Management Practices. 3(3-0)

This course will examine the evolution of emergency management, homeland security and emergency response in the wake of the events of 9-11 and Hurricane Katrina. It will survey multiple disciplines involved in the disaster

processes and future directions in these fields. Students will also examine the success and failures of emergency management by examining such incidents as World Trade Center Attacks, Pentagon Attacks, Hurricane Katrina, Hurricane Ike, Los Angeles Riots and other emergency events that have shaped the relationship between the fire service and emergency management and the Federal Government..

4310. Fire and Emergency Services Administration. 3(3-0)

This course is designed to be a progressive primer for students who want more knowledge about fire and emergency services administration. The course examines the important skills and knowledge needed to manage/lead fire and emergency services department through the challenges and changes of the 21st century. Topics include Leadership skills, accountable budgeting, anticipation of challenges and the need for change, and using specific management tools for analyzing and solving problems. A central part of the course focuses on how the leadership of a fire and emergency services department develops internal and external cooperation to create a coordinated approach to achieving the department's mission.

4312. Applications of Fire Research. 3(3-0)

This course examines the basic principles of research and methodology for analyzing current fire-related research. The course also provides a framework for conducting and evaluating independent research in the following areas: fire dynamics, fire test standards and codes, fire safety, fire modeling, structural fire safety, life-safety, firefighter health and safety, automatic detection and suppression, transportation fire hazards, risk analysis and loss control, fire service applied research and new trends in fire-related research.

4314. Public Safety Leadership and Ethics. 3(3-0)

This course will introduce students to a variety of issues within the context of leadership. Through a variety of learning methodologies such as written case studies, video case analysis, and interactive learning processes, the student will not only study leadership and ethics. A focus of this course is to provide public safety members with a greater understanding and appreciation of the concerns and issues involving leadership and ethics,, which exist within the realm of public safety leadership. Further, it is the goal of this course for each student to exercise effective leadership in all aspects of life

4316. Developing Data-Based Outcomes for Fire and EMS. 3(3-0)

This course will provide information and tools that fire service personnel and other public service managers can use to develop and prepare their agency to evaluate performance activities. The course will introduce the student to the self-assessment and accreditation processes as developed by Center for Public Safety Excellence (CPSE) and their accreditation programs administered by the Commission on Fire Accreditation International (CFAI) and the Commission on Professional Credentialing (CPC). The course will introduce students to basic analysis techniques using Microsoft Excel. Students will learn how to evaluate fire service data, develop recommendations, and identify needs and trends.

4318. Terrorism and WMD. 3(3-0)

Examines the philosophies and tactics of terrorist groups, in relation to the use of weapons of mass destruction (WMD), and discusses emerging terrorism trends and WMD issues in context of the fire service. Also, covers the study of the methodology, incident response, and managing the consequences of events involving terrorist activities and WMD's.

4320. Public Budgeting and Financial Management for the Fire Services. 3(3-0)

Public budgeting is a complex and rapidly changing field. What public budgeting is depends on who asks the question and on prevailing collective views regarding the role and responsibility of government. Many questions and, thus, many answers are possible. But, who gets what and how governments generate the funds to finance public services are still the "big questions" of public budgeting. Students will be introduced to the principles and practices used by federal, state, and local governments to acquire and spend money within the context of American Democracy, capitalism, federalism, and economics.

4324. Fire Officer IV. 3(3-0)

This course will enable students to meet the knowledge and skill requirements of NFPA 1021, *Standard for Fire Service Officer Professional qualifications*, Chapter 7. The class is designed to focus on executive level chief officer management of fire service divisions/programs. The course will focus on several key administrative areas

that the executive level fire officers are required to lead and manage. This course will require the students to complete skill requirements of a Fire Officer IV as prescribed by Texas Commission on Fire Protection (TCFP).

4360. Homeland Security Law, Policy, and Practices for Emergency Responders. 3(3-0)

This course will provide an overview of the laws governing the respective powers and responsibilities of the different branches of government (executive, legislative, and judiciary) at the federal, state, and local level as they relate to emergency administration, preparedness and response on matters affecting homeland security. Homeland security is an American umbrella term for "the concerted national effort to ensure a homeland that is safe, secure, and resilient against terrorism and other hazards where American interests, aspirations, and ways of life can thrive to the national effort to prevent terrorist attacks within the United States, reduce the vulnerability of the U.S. to terrorism, and minimize the damage from attacks that do occur. With the creation of the Department of Homeland Security and the changes to emergency response policies and practices fire and emergency response personnel must have a sound understanding of the laws, policies and practices that govern the areas related to homeland security and emergency response.

4362. Introduction Critical Infrastructure and Key Resources. 3(3-0)

The course will provide an overview of the nation's strategies for critical infrastructure protection. The course will examine the definition of critical infrastructure as it exists today. Students will examine the seventeen areas of critical infrastructure. Students will also gain insight and understanding into the public and private partnership that is involved in protecting Critical Infrastructure and Key Resources (CIKR).

GEOGRAPHY (GEOG)

1302. Cultural Geography. 3(3-0)

A survey of the cultural diversity found on earth. Topics include population, language, religion, ethnicity, and popular culture, with a special focus on spatial attributes and expressions of culture.

1303. World Geography. 3(3-0)

Study of major world regions with an emphasis on prevailing conditions and developments, including emerging conditions and trends, and the awareness of diversity of ideas and practices found in those regions. Course content may include one or more regions.

3305. Environmental Geography. 3(3-0)

The nature, geographic distribution, use and misuse of global resources with emphasis on those of North America. Ecosystems, air, water, soil, mineral and energy resources will be considered. Prerequisites: 3 semester credit hours of Geography or a science course (see General Education Requirements *Natural sciences* component).

3331. United States and Canada. 3(3-0)

The regional aspects of landforms, climate, resources and peoples of United States and Canada. Prerequisite: 12 semester hours of social sciences.

GEOLOGY (GEOL)

1101. Earth Sciences Laboratory I. 1(0-1)

Laboratory course linked to GEOL 1301. Laboratory exercises reinforce concepts related to the formation of earth materials, processes of plate tectonics and of atmosphere. The course emphasizes scientific communication and collaboration as well as measurement methods, observation, and inference. Corequisite: GEOL 1301.

1102. Earth Sciences Laboratory II. 1(0-1)

Laboratory course linked to GEOL 1302. Laboratory exercises reinforce concepts in historical geology. The course emphasizes scientific communication and collaboration as well as measurement methods, observation, and inference. Corequisite: GEOL 1302.

1301. Earth Sciences I. 3(3-0)

This is an interdisciplinary earth science course, incorporating aspects of mathematics, chemistry, biology, and physics to study geological, oceanic, and atmospheric processes. The questions examined in this course are: How

did planet earth form and how does it work? What is it made up of, and how does change through time? Plate tectonics, earth materials, landforms, structures, climate, and the formation of natural resources will be studied. The process of scientific discovery will be introduced through local field trips, sample and data collection, and their interpretation. This course meets the standards for the Life and Physical Sciences category of courses under the core curriculum.

1302. Earth Sciences II. 3(3-0)

This is the second course in earth sciences, incorporating aspects of mathematics, chemistry, biology, and physics to study geological, oceanic, and atmospheric processes. It covers the surface features and processes of the planet, including the atmosphere and the hydrological cycle, as well as earth's interior. Topics of study include volcanoes, earthquakes, climate, and the hydrological cycle. The process of scientific discovery will be introduced through local field trips, sample and data collection, and their interpretation. This course meets the standards for the Life and Physical Sciences category of courses under the core curriculum.

GOVERNMENT (GOVT)

2304. Introduction to Political Science. 3(3-0)

Introductory survey of the discipline of political science focusing on the scope, and methods of the field, and the substantive topics in the discipline including the theoretical foundations of politics, political interaction, political institutions and how political systems function.

2305. Federal Government. 3(3-0)

Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.

2306. Texas Government. 3(3-0)

Origin and development of the Texas constitution, structure and powers of state and local government, federalism and inter-governmental relations, political participation, and election process, public policy, and the political culture of Texas.

HISTORY (HIST)

1301. U.S. History to 1865. 3(3-0)

Incorporating many perspectives, this course examines pre-Columbian societies, colonial America, the American Revolution, the early Republic, westward expansion, and the Civil War, among other topics.

1302. U.S History from 1865. 3(3-0)

Incorporating many perspectives, this course examines Reconstruction, the Gilded Age, and Progressive Era, World War I, the Great Depression, World War II, post-war America, and other topics.

2301. Texas History. 3(3-0)

Spanish background, Anglo-American settlement, the Revolution and Republic, statehood; economic, cultural and political development. Prerequisites: HIST 1301 and HIST 1302. Cannot receive credit for both HIST 2301 and SWBS 2301.

2321. World Civilizations I. 3(3-0)

Survey of the social, political, economic, cultural, religious, and intellectual history of the world from the emergence of human cultures through the 15th century. The course examines major cultural regions of the world in Africa, the Americas, Asia, Europe, and Oceania and their global interactions over time. Themes include the emergence of early societies, the rise of civilizations, the development of political and legal systems, religion and philosophy, economic systems and trans-regional networks of exchange. The course emphasizes the development, interaction and impact of global exchange.

2322. World Civilizations II. 3(3-0)

A survey of the social, political, economic, cultural, religious, and intellectual history of the world from the 15th

century to the present. The course examines major cultural regions of the world in Africa, the Americas, Asia, Europe, and Oceania and their global interactions over time. Themes include maritime exploration and transoceanic empires, nation/state formation and industrialization, imperialism, global conflicts, and resolutions, and global economic integration. The course emphasizes the development, interaction and impact of global exchange.

4301. Methods of Historical Research. 3(3-0)

Procedures and methods of historical research. Introduction to types of historical data, the analysis of sources, the use of computer techniques in historical research and the methods of historical writing. Prerequisite: Instructor permission required.

4312. Europe in the Middle Ages. 3(3-0)

Political, economic and cultural developments in Europe from the fall of the Roman Empire to the Renaissance. Prerequisites: HIST 2321 or HIST 2322

4315. Early Modern Europe to 1815. 3(3-0)

Political, economic, and cultural developments in Europe including the Renaissance, Reformation, and Enlightenment periods. Prerequisites: HIST 2321 or HIST 2322

4316. Europe, 1815-1914. 3(3-0)

Political, social and economic developments in Europe from the Congress of Vienna to the outbreak of World War I with emphasis on the rise of liberalism, nationalism and imperialism. Prerequisites: HIST 2321 or HIST 2322

4318. Europe Since 1914. 3(3-0)

Political, social and economic developments in Europe from World War I to the present. Prerequisites: HIST 2321 or HIST 2322

4319. The Holocaust. 3(3.0)

Origins, history, and course of the National Socialist effort to annihilate the Jews of Europe. Prerequisites: HIST 1301 and HIST 1302

4330. Colonial America to 1763. 3(3-0)

English colonization, Anglo-Indian relations, the emergence of slavery, Puritanism, ending with the French & Indian War. Prerequisites: HIST 1301 and HIST 1302

4331. American Revolution and Early Republic, 1763-1850. 3(3-0)

American rebellion, the Revolution, the Confederation period, the Constitution, the Federalist, Jeffersonian, and Jacksonian eras, ending with the Mexican American War and the Compromise of 1850. Prerequisites: HIST 1301 and HIST 1302

4334. The Civil War and Reconstruction. 3(3-0)

Secession, formation of the Confederacy, military campaigns and Reconstruction. Prerequisites: HIST 1301 and HIST 1302

4335. Gilded Age and the Progressive Era, 1877-1920. 3(3-0)

Industrial revolution, labor-business struggles, rise of Jim Crow, urbanization, immigration, Populism, Progressivism, World War One. Prerequisites: HIST 1301 and HIST 1302

4336. America's Rise to World Power, 1920-1945. 3(3-0)

The 1920s, the Great Depression, and World War II. Prerequisites: HIST 1301 and HIST 1302

4338. The United States Since 1945. 3(3-0)

Post-war abundance, the Cold War, social and cultural changes, the Vietnam era and the post-Nixon years. Prerequisites: HIST 1301 and HIST 1302

4340. United States Social and Cultural History. 3(3-0)

The development of American society and culture with emphasis on religious trends, ethnic groups and the family. Prerequisites: HIST 1301 and HIST 1302

4342. United States Foreign Policy. 3(3-0)

American foreign relations from the Revolution to the present with emphasis on the 20th century. Prerequisites: HIST 1301 and HIST 1302

4347. American Frontier. 3(3-0)

The influence of successive frontiers upon American political, economic and social development from the earliest settlements to 1890. Prerequisites: HIST 1301 and HIST 1302. Cannot receive credit for both HIST 4347 and SWBS 4347.

4348. Mexican-American History in the Southwest. 3(3-0)

A survey from the first Spanish settlers to the present. Prerequisite: 12 semester hours of History and/or Political Science. Prerequisites: HIST 1301 and HIST 1302. Cannot receive credit for both HIST 4348 and SWBS 4348.

4351. Latin America I: Colonial Era. 3(3-0)

Historical background of early Latin America from pre-Columbian times to the 19th century. Prerequisites: HIST 2321 or HIST 2322

4352. Latin America II: Modern Era. 3(3-0)

Historical background of contemporary Latin America. Prerequisites: HIST 2321 or HIST 2322

4356. Mexico. 3(3-0)

Political, economic and social history of Mexico from pre-Columbian times to the present. Emphasis on the last century. Prerequisites: HIST 1301 and HIST 1302. Cannot receive credit for both HIST 4356 and SWBS 4356.

4358. Asian History. 3(3-0)

An introduction to political, social, cultural and economic Asian history from antiquity to the present. Emphasis on the study not only of important Asian leaders, cultures and societies, but also of the various religions and philosophies which originated in Asia. Prerequisites: HIST 2321 or HIST 2322.

4360. Women in History. 3(3-0)

Investigation of the social, economic and political position of women from the Renaissance to contemporary America and a comparison of the ideal expounded by different historical epochs with woman's actual role in each society. (Credit may not be obtained in both HIST 4360 or WGST 4360.) Prerequisites: HIST 1301 and HIST 1302.

4361. African American History. 3(3-0)

A survey of the African American experience from the colonial period to the post-civil rights era. Prerequisites: HIST 1301 and HIST 1302.

4363. War and Society. 3(3-0)

The social, economic, political, and technological impact of warfare in world history. Prerequisite: HIST 2321 or HIST 2322.

4366. Childhood in America. 3(3-0)

A survey of the history of children, childhood, and youth in the US and global context. Examines the historical experiences of children and youth, as well as changing ideas about childhood and adolescence, across historical periods. Credit may not be obtained in both HIST 4366 and WGST 4366. Prerequisites: HIST 1301 and 1302.

4370. Crucial Topics in European History. 3(3-0)

Intensive seminar on a specialized topic in European history, culminating in the production of a significant research paper. May be repeated for credit as the topic changes. Prerequisites: HIST 2321 and HIST 2322

4380. Crucial Topics in United States History. 3(3-0)

Intensive seminar on a specialized topic in United States history, culminating in the production of a significant research paper. May be repeated for credit as topic changes. Prerequisites: HIST 1301 and HIST 1302. Cannot receive credit for both HIST 4380 and SWBS 4380.

4392. Crucial Topics in Latin American History. 3(3-0)

Intensive seminar on a specialized topic in Latin American history, culminating in the production of a significant research paper. May be repeated for credit as the topic changes. Prerequisites: HIST 2321 and HIST 2322. Cannot receive credit for both HIST 4392 and SWBS 4392.

4396. Crucial Topics in Non-Western History. 3(3-0)

Intensive seminar on specialized topics in Non-Western history, culminating in the production of a significant research paper. May be repeated for credit as the topic changes. Prerequisite: HIST 2321 and HIST 2322

4398. History Internship. 3(3-0)

Supervised professional experience in a museum, archive, public history site, or other community setting. Student may repeat this class for a maximum of 6 semester credit hours. Prerequisite: Approval of History faculty.

MATHEMATICS (MATH)**1314. College Algebra. 3(3-0)**

In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. This course meets the standards for the Mathematics category of courses under the core curriculum. Prerequisite: Evidence of math equivalent to High School Algebra II ("C" or higher) or placement.

1316. Trigonometry. 3(3-0)

This course is a study of trigonometric functions, their properties, and applications of trigonometric functions of angles, degree and radian measure, circular functions, graphs, identities, inverse trigonometric functions, polar coordinates, solution of general triangles, and complex numbers. Pre-requisites: Math 1314 with a minimum grade of "C" or equivalent as approved by department.

1324. Mathematics for Business and Social Sciences. 3(3-0)

Students will study topics from college algebra (linear equations, quadratic equations, functions and graphs, inequalities), mathematics of finance (simple and compound interest, annuities), linear programming, matrices, systems of linear equations, and applications to management, business and social sciences. This course meets the standards for the Mathematics category of courses under the core curriculum. Prerequisite: Evidence of math equivalent to High School Algebra II ("C" or higher) or placement.

1325. Mathematics for Business and Social Sciences II. 3(3-0)

This course is the basic study of limits and continuity, differentiation, optimization and graphing, and integration of elementary functions with emphasis on applications in business, economics, and social sciences. This course is not a substitute for MATH 2413, Calculus I. This course meets the standards for the Mathematics category of courses under the core curriculum. Prerequisite: MATH 1314 College Algebra or MATH 1324 Mathematics for Business and Social Sciences (with a grade of "C" or higher) or equivalent or department approval.

1332. Contemporary Mathematics. 3(3-0)

This course is a study of an introduction to treatments of sets, logic, number systems, number theory, relations, functions, probability, and statistics. Appropriate applications are included. This course meets the standards for the Mathematics category of courses under the core curriculum. Prerequisite: Evidence of math equivalent to High School Algebra II or placement.

1342. Introductory Statistics. 3(3-0)

Students will study the collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Appropriate technology used. This course meets the standards for the Mathematics category of courses under the core curriculum. Prerequisite: Evidence of math equivalent to High School Algebra II ("C" or higher) or placement.

1350. Fundamentals of Mathematics I. 3(3-0)

Study of the concepts of sets, functions, numeration systems, number theory, and properties of the natural numbers, integers, rational, and real number systems with an emphasis on problem solving and critical thinking. This course meets the standards for the Mathematics category of courses under the core curriculum. Prerequisite: MATH 1314 College Algebra or the equivalent.

1351. Fundamentals of Mathematics II. 3(3-0)

Study of the concepts of geometry, probability, and statistics, as well as applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. This course is designed specifically for students who seek middle grade (4 through 8) teacher certification. This course meets the standards for the Mathematics category of courses under the core curriculum. Prerequisite: MATH 1350 with a grade of "C" or higher, or equivalent.

2113. Calculus I Lab. 1(1-0)

This course provides a lab framework for exploring and reinforcing calculus concepts studied in Math 2313 and must be taken concurrently with Math 2313. Prerequisite: MATH 2312 Pre-Calculus with a grade of "C" or higher. Co-requisite: Math 2313.

2114. Calculus II Lab. 1(1-0)

This course provides a lab framework for exploring and reinforcing calculus concepts studied in Math 2314 and must be taken concurrently with Math 2314. Prerequisite: MATH 2313 and MATH 2113 both with a grade of "C" or higher, or equivalent or permission of department. Co-requisite: Math 2314.

2312. Pre-calculus. 3(3-0)

In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. This course meets the standards for the Mathematics category of courses under the core curriculum and addresses the following required objectives: Critical Thinking, Communication, and Empirical Quantitative Skills. Prerequisite: MATH 1314 College Algebra with a grade of "C" or higher.

2313. Calculus I. 3(3-0)

The course encompasses the study of limits, continuity, and derivatives of algebraic, trigonometric and transcendental functions and related applications to include maximizing or minimizing a function and rate of change problems. The course also introduces the definite integral, the Fundamental Theorem of Calculus and application to calculation of areas. Curve sketching and graphing tools will be utilized in exploring these concepts. Prerequisite: MATH 2312 Pre-Calculus with a grade of "C" or higher, or equivalent or permission of department.

2314. Calculus II. 3(3-0)

Calculus II, a continuation of Calculus I, encompasses the study of integration of transcendental functions, techniques of integration, polar coordinates, improper integrals, sequences, and series. Prerequisite: MATH 2313 Calculus I with a grade of "C" or higher, or equivalent or permission of department.

3301. Biostatistics. 3(3-0)

This course is for students in biology, health sciences, human sciences and wildlife science. Content includes descriptive and inferential statistics, basic probability concepts, probability distributions, statistical significance and hypothesis testing, correlation, simple linear regression, introduction to ANOVA, and interpreting statistical software output. May not be taken for credit as a math elective for students who major or minor in math. Prerequisite: MATH 1314.

3320. Differential Equations. 3(3-0)

The ordinary differential equations of physics, chemistry and engineering; methods for their solution and the properties of their solution. Introduction to partial differential equations. Prerequisite: MATH 2314 and MATH 2114 (or MATH 2414) with a grade of “C” or higher.

3325. An Introduction to Mathematical Proofs. 3(3-0)

This course is a study of the principles and techniques of interpreting, discovering and writing correct mathematical proofs. Students learn to independently prove theorems from various areas in mathematics, which may include topics from logic, the structure of the real number system, number theory, geometry and algebra. Prerequisite: MATH 2313 and MATH 2113 (or MATH 2413) with a grade of “C” or higher.

3340. Linear Algebra with Applications. 3(3-0)

Systems of linear equations, matrices, determinants, vector spaces, eigenvectors, eigenvalues, orthogonality, linear transformations and their representations by matrices, and applications. Prerequisite: MATH 2313 and MATH 2113 (or equivalent) with a grade of “C” or higher.

3350. Probability and Statistics for Teachers. 3(3-0)

Principles and practices of probability and statistics designed for education students seeking a Generalist (4-8) with Math concentration degree. The course explores statistical applications, applying descriptive statistics, interval estimates, hypothesis tests, linear regression with an emphasis on data description and interpretation. Prerequisite: Math 1314. May not be taken for credit as a math elective for students who major or minor in math.

3360. Modern Geometry. 3(3-0)

An axiomatic approach to geometry to include contrasting traditional and modern approaches to geometry, an introduction to non-Euclidean geometry with historical perspectives, and applications. May not be taken for credit as a math elective for students who minor in math. Prerequisite: MATH 3325 with a grade of “C” or higher.

3370. Discrete Mathematics. 3(3-0)

This course covers many topics in mathematics which are important in computer science. Some of these topics are sets, relations, functions, algorithms, graphs, monoids, lattices, Boolean algebras and graphs. Prerequisite: MATH 3320, MATH 3325, MATH 3340 OR MATH 3415 with a grade of “C” or higher.

3371. Problem Solving with Computers. 3(3-0)

Brief historical overview of computing and computers; strategies for solving problems by computers; and programming in a higher level language. Not applicable for credit in the physical sciences. Prerequisite: MATH 2313 and MATH 2113 (or MATH 2413) with a grade of “C” or higher.

3390. Selected Topics in Mathematics. 3(3-0)

Different topics will be covered at varying times. May be repeated for credit with consent of the instructor. Prerequisite: 3 semester hours of advanced mathematics.

3415. Calculus III. 4(3-0-2)

This course covers sequences and series, functions of several variables, three dimensional geometry, partial derivatives, multiple integrals, line and surface integrals, Green's Theorem, Stroke's Theorem, and applications. Prerequisite: MATH 2314 and MATH 2114 (or MATH 2414) with a grade of “C” or higher.

4303. Statistical Methods. 3(3-0)

Calculus-based probability, discrete and continuous random variables, joint distributions, sampling distributions, the central limit theorem, descriptive statistics, interval estimates, hypothesis tests, ANOVA, correlation and simple regression. Prerequisite: MATH 2314 and MATH 2114 (or MATH 2414) with a grade of “C” or higher.

4321. Real Variables. 3(3-0)

A study of the real number system, its structure and properties to include an introduction to the theory of sets, properties of real-valued functions and sequences, limits, continuity, differentiation, and uniform convergence. Prerequisite: MATH 3325 and one of MATH 3415, MATH 3370, MATH 3340 OR MATH 4340 with a grade of “C” or higher.

4330. Number Theory. (3-0)

The course explores fundamental concepts in elementary number theory to include divisibility, congruence relations, rational integers, Diophantine equations, quadratic reciprocity, integral domains, and related topics. Prerequisites: MATH 3325 and MATH 3370.

4340. Modern Algebra. 3(3-0)

A study of basic algebraic structures with applications from algebraic or analytic number theory. Topics include: properties of the Integers, prime factorization, congruences, finite groups, subgroups, cosets, homomorphisms, integral domains and rings. Prerequisite: MATH 3325 and one of MATH 3415, MATH 3370, MATH 3340 OR MATH 4341 with a grade of "C" or higher.

4341. Linear Algebra and Matrix Theory. 3(3-0)

A study of linear algebraic structures to include vector spaces, subspaces, bases, dimension and normed spaces. Related topics include: vector geometry, orthogonality, normal forms, eigenvalues, linear and special transformations. Prerequisite: Any two of MATH 3415, MATH 3325, MATH 3340, MATH 3370, MATH 4321 or MATH 4330 with grades of "C" or higher.

4345. Communicating Mathematics in the Workplace. 3 (3-0)

This course is designed to connect the application of mathematical concepts from various core courses to communicate mathematical results effectively within a work environment. Topics include different roles a mathematician may take within an organization with emphasis on communicating and presenting results when applying various levels of modeling, analysis, and mathematical concepts. Prerequisite: MATH 3320 and MATH 3370.

4350. Probability. 3(3-0)

Sample spaces, combinatorics, independence, conditional probability and Bayes' rule. Discrete and continuous probability distributions, Chebyshev's inequality and limit theorems. Prerequisite: MATH 3415 or consent of instructor.

4360. Introduction to Graph Theory. 3(3-0)

This course covers the fundamental concepts of graph theory including basic properties, simple graphs, digraphs, Eulerian and Hamiltonian graphs, trees, matchings, networks, paths and cycles, graph colorings, and planar graphs. Related applications and famous problems in graph theory will also be explored. Prerequisite: Math 3340 with a grade of "C" or higher. Math 3370 recommended.

4370. Vector Analysis. 3(3-0)

The study of vector algebra and geometry, vector functions, and vector fields with applications to line and surface integrals. Topics include vector operations, vector fields, motion in polar coordinates, and perspectives of generalized differential operators. Prerequisites: MATH 3415 (or equivalent) with a grade of "C" or higher and MATH 3320 or equivalent.

4371. The Laplace Transformation and its Applications. 3(3-0)

An introduction to the theory of the Laplace Transformation. Applications to the solution of ordinary and partial differential equations, integral equations, difference equations and integro-differential equations. An introduction to other types of integral transformations. Prerequisites: MATH 3415 and MATH 3320.

4374. Numerical Analysis. 3(3-0)

The mathematical formation of the concepts in numerical analysis. These concepts include the theory of errors, roots of equations, interpolation, linear systems of equations, numerical differentiation, and integration and solutions of ordinary differential equations. Prerequisites: MATH 3415 and MATH 3320 or consent of instructor.

4380. Special Topics in Mathematics. V:1-3

May be individualized instruction, independent study and/or research at an advanced level in a specialized content area under the direction of a faculty member. May be repeated when the topic varies. Prerequisites: nine semester hours of advanced math beyond MATH 3325 or consent of department head.

MANAGEMENT (MGMT)

3160. Teamwork. 1(1-0)

This course develops practical interpersonal skills for implementing effective strategies for group situations in the workplace. It involves experiential learning to promote active discovery of team building principles.

3311. Principles of Management. 3(3-0)

Introduction to the management of business organizations. The functions of management and role of the manager. Managerial decision-making, communication, social responsibility and business ethics. How organizational power and politics affect the manager. Prerequisites: ENGL 1301 and ENGL 1302.

3320. Supply Chain & Operations Management. 3(3-0)

A survey of lean, quality, supply chain, and other operations management guiding concepts and quantitative tools utilized to plan, design, control physical resources/business information to produce/provide goods /services from raw material supplier to end customer. Prerequisite: admitted in to the College of Business.

3323. Employment Law. 3(3-0)

This course examines the set of legal requirements that govern the US workplace. Students will study the substance of employment and labor law and its implications for human resource practice as applied in the employment life cycle. Areas of student include, but are not limited to, legal issues affecting the employment process, employee development, compensation and benefits, performance management, and occupational health and safety. The course will also examine the legal framework that governs the relationship with unions and management/labor engagement in collective bargaining. Prerequisite: MGMT 3325.

3325. Human Resources Management and Procedures. 3(3-0)

Human resources planning, employment, appraisal, training and pecuniary compensation; applicable federal and state legislation. Prerequisite: admitted in to the College of Business.

3328. Internship in Management. V:1-3

An off-campus learning experience allowing the acquisition and application of management skills in an actual work setting. Prerequisites: admitted in to the College of Business, MGMT 3325, and instructor approval.

4311. Project Management. 3(3-0)

This course examines the concepts, principles, and applications of project management in the business environment, including the study of project management procedures, project management tools, organizational structure, management of project team members, and the planning, organizing, and control activities necessary for good project. There will be an emphasis of information technology (IT) in the course lectures; however, projects do not have to include an IT component. Cross-listed with CISA 4311. Prerequisite: Successful completion of the business prerequisites.

4312. Risk Management. 3(3-0)

This course is an overview of the basic components of risk as they pertain to technical projects. Topics include risk identification, risk impact analysis, risk response planning, mitigating risk, and risk management techniques. Cross-listed with CISA 4312. Prerequisite: CISA/MGMT 4311. Successful completion of the business prerequisites.

4314. Global Logistics Management. 3(3-0)

A total systems approach to managing the logistical activities of the firm in a globalized environment. Analysis of total cost balanced against customer service. Warehousing, transportation, inventory control, packaging, handling and order processing activities are surveyed. Cross-listed with MKTG 4314. Prerequisite: MKTG 3311 and admitted in to the College of Business. Successful completion of the business prerequisites.

4323. Total Quality & Lean Management. 3(3-0)

The design, evaluation, employment, and integration of total quality and lean management principles and practices within a supply chain environment. Includes customer focus, statistical process control, design for quality, waste reduction, continuous improvement, standardized work, workplace organization, set-up time reduction, lot size

reduction, preventive maintenance, management and workforce practices, and pull production systems are emphasized. Prerequisite: MGMT 3311.

4326. Labor Relations & Collective Bargaining. 3(3-0)

This course offers students a survey of the historical, legal and social framework for and the process of negotiating a labor contract and handling typical grievance issues. Students will examine key elements to the organizing process, contract negotiations, and contract administration. Cognitive elements emphasized include knowledge, comprehension, application, and analysis. Students will have the opportunity to develop skills important to the performance of managing labor relations activities. Prerequisites: admitted to the College of Business and MGMT 3311.

4327. Organization Theory and Human Behavior. 3(3-0)

Various organizational structure models and supporting theory, organizations as complex systems, organizational behavior, individual and group dynamics in the business environment, organization development and change. Prerequisites: admitted to the College of Business and MGMT 3311.

4330. Global Purchasing & Supply Management. 3(3-0)

Study of the procurement of goods and services resulting from internal needs assessment, and the application of principles of negotiation, purchasing processes, vendor relationship concepts, contract management, receiving, inventory and materials management, and production control, in a supply chain environment with domestic and global suppliers. Sustainability and globalization topics are integrated. Prerequisites: admitted to the College of Business and MGMT 3320.

4331. Global Management. 3(3-0)

Management of the globally competitive firm; topics considered include leadership, organizational structure, cultural differences and similarities and competitive analysis. Prerequisites: admitted to the College of Business and MGMT 3311.

4333. Supply Chain Integration. 3(3-0)

Supply chain management is the successful cross-functional integration of key business processes from the original suppliers of products, services, and information through the firm to its customers and stakeholders with an emphasis on value-added benefits. Content areas included management of demand determination and purchasing, resources and materials, quality, lean, logistics and distribution, and systems integration processes. This course incorporates information technology exercises to integrate supply chain management processes. Cross-listed with CISA 4333. Prerequisites: admitted to the College of Business and MGMT 3325.

4341. Compensation & Benefits. 3(3-0)

This course identifies the key elements for developing a firm's strategic compensation program necessary to attract and retain a valued workforce. Students will study the bases for pay and benefit plans, and the design of compensation systems and benefit programs key to serving the internal workforce and compete in the external marketplace. Prerequisites: admitted to the College of Business and MGMT 3325.

4342. Training & Development. 3(3-0)

This course integrates training theory and application for the high performing organization. Students examine training systems, strategies and practices critical in driving high performing organizations. The training process is mapped and discussed within the overarching framework of designing and planning training activities to meet organizational needs that are both strategic and tactical. Prerequisites: admitted to the College of Business and MGMT 3325.

4343. Performance Management. 3(3-0)

This course emphasizes measuring and managing performance for the high performing enterprise. The key competitive advantage in today's globalized world lies, not in technology and products, but in its people and their collective performance. Students will learn the process for operational excellence by examining the design and implementation of a results-driven work structure. The course discusses the importance of efficient workflow, control of operational standards, alignment with key performance metrics, rewarding results, and engaging workforce behavior to achieve high-performance. Prerequisites: admitted to the College of Business and MGMT 3325.

4344. Organizational Leadership. 3(3-0)

This foundational course will help students develop an understanding of leadership theory while acquiring the necessary skills and insights to become effective leaders. The course blends theory and application, and integrates contemporary ideas and practices with established scholarly research. Students will examine the roles of self-leadership, and the binding relationships between leader and followers. The course considers how power, courage, vision, and morality influence leadership. Prerequisites: admitted to the College of Business and MGMT 3325.

4345. International Human Resources Management. (3(3-0))

This course captures the compelling realities facing HRM professionals practicing in multinational enterprises today. Students will learn the international business context in which IHRM operates by investigating topic areas as new strategic forms as they impact HRM capabilities and processes, effectiveness in repatriation, transpatriation practices and strategic uses of global careers, ROI of expatriate assignments, the complexities of standardizing and customizing HRM practices and activities across local environments. Prerequisites: admitted to the College of Business and MGMT 3325.

4346. Seminar in Human Resources. 3(3-0)

Advanced course permitting students to engage in independent reading and research on contemporary issues in Human Resources. Course offers students an opportunity to research recent developments to examine underlying forces contributing to the current dialogue, legislative debate, and legal precedence in developing policy affecting the workplace. Prerequisites: admitted to the College of Business and MGMT 3325.

4355. Channel Marketing. 3(3-0)

This course deals with the design and management of marketing channels. A marketing channel is viewed as an interorganizational flow system designed to deliver products and services from manufacturers to end consumers as well as reverse flows. This course specifically covers channel design, supply chain management and strategy including alliances and other collaborative relationships in a global environment. Special focus will be placed on trust between firms and its role in establishing a competitive advantage. Cross-listed with MKTG 4355. Prerequisites: admitted to the College of Business and MKTG 3311.

4370. Decision-Making and Business Policy. 3(3-0)

To provide a capstone course for the graduating senior majoring in business that will allow him or her to practically apply the concepts and theories learned in the undergraduate program. The student will do this through integrating those principles with the ones that serve as the theoretical framework for the field of strategic management. The end result of this process will be a student who is able to analyze complex business problems and to effectively make decisions that affect the entire organization. Prerequisite: Completed in the final semester of the BBA program.

4392. Special Problems in Management. 3(3-0)

Special studies in management. May be repeated once for credit. Prerequisite: admitted to the College of Business.

5311. Project Management. 3(3-0)

This course examines the concepts, principles, and applications of project management in the business environment, including the study of project management procedures, project management tools, organizational structure, management of project team members, and the planning, organizing, and control activities necessary for good project. Cross-listed with CISA 5311. Prerequisites: BUAD 5301 and BUAD 5302.

5312. Risk Management. 3(3-0)

This course is an overview of the basic components of risk as they pertain to technical projects. Topics include risk

identification, risk impact analysis, risk response planning, mitigating risk, and risk management techniques. Cross-listed with CISA 5312. Prerequisite: CISA 5311 or MGMT 5311.

5322. Seminar in Management. 3(3-0)

Philosophy and concepts underlying modern management.

5324. Total Quality & Lean Management. 3(3-0)

The design, evaluation, employment, and integration of total quality and lean management principles and practices within a supply chain environment. Includes customer focus, statistical process control, design for quality, waste reduction, continuous improvement, standardized work, workplace organization, set-up time reduction, lot size reduction, preventive maintenance, management and workforce practices, and pull production systems are emphasized. Prerequisites: BUAD 5301 and BUAD 5302.

5325. Management Science. 3(3-0)

Analysis of management science approach to business decisions. Emphasis on problem formulation, solution generation and sensitivity analysis of solution. Various specific tools and techniques will be covered each semester. Prerequisites: BUAD 5301 and BUAD 5302.

5329. Special Problems in Management. 3(3-0)

Special studies or internship in management. May be repeated once for credit. Prerequisites: BUAD 5301 and BUAD 5302.

5330. Purchasing & Supply Management. 3(3-0)

Study of the procurement of goods and services resulting from internal needs assessment, and the application of principles of negotiation, purchasing processes, vendor relationship concepts, contract management, receiving, inventory and materials management, and production control, in a supply chain environment with domestic and international suppliers. Prerequisites: BUAD 5301 and BUAD 5302.

5333. Supply Chain Integration. 3(3-0)

Supply chain management is the successful cross-functional integration of key business processes from the original suppliers of products, services, and information through the firm to its customers and stakeholders with an emphasis on value-added benefits. Content areas included management of demand determination and purchasing, resources and materials, quality, lean, logistics and distribution, and systems integration processes. This course incorporates information technology exercises to integrate supply chain management processes. Cross-listed with CISA 5333. Prerequisites: BUAD 5301 and BUAD 5302.

5335. Advanced Business Policy. 3(3-0)

Domestic and international strategic planning using case studies and simulation. Prerequisite: 24 hours of graduate business courses or final semester of graduate study.

5337. Managerial Business Statistics. 3(3-0)

Selected statistical methods involving quality control, forecasting, sampling and other business applications using SAS software. Prerequisite: BUAD 5301 and BUAD 5302

5340. Organizational Development. 3(3-0)

This course focuses on planning for organizational change with emphasis on workforce engagement. Students are introduced to contemporary thinking in organization development and change theory, concepts and applications. Students will learn the process of planning for change through optimizing an organization's architecture. The course emphasizes a process for organization query through collecting and analyzing data, diagnosing workflows, and changing work group behavior. Students will learn to design and implement work group interventions for leading and managing change. Prerequisites: BUAD 5301 and BUAD 5302.

5343. Performance Management. 3(3-0)

This course emphasizes measuring and managing performance for the high performing enterprise. The key competitive advantage in today's globalized world lies, not in technology and products, but in its people and their collective performance. Students will learn the process for operational excellence by examining the design and

implementation of a results-driven work structure. The course discusses the importance of efficient workflow, control of operational standards, alignment with key performance metrics, rewarding results, and engaging workforce behavior to achieve high-performance. Prerequisites: BUAD 5301 and BUAD 5302.

5344. Organizational Leadership. 3(3-0)

This foundational course will help students develop an understanding of leadership theory while acquiring the necessary skills and insights to become effective leaders. The course blends theory and application, and integrates contemporary ideas and practices with established scholarly research. Students will examine the roles of self-leadership, and the binding relationships between leader and followers. The course considers how power, courage, vision, and morality influence leadership. Prerequisites: BUAD 5301 and BUAD 5302.

5346. Seminar in Human Resources. 3(3-0)

Advanced course permitting students to engage in independent reading and research on contemporary issues in Human Resources. Course offers students an opportunity to research recent developments to examine underlying forces contributing to the current dialogue, legislative debate, and legal precedence in developing policy affecting the workplace. Prerequisites: BUAD 5301 and BUAD 5302.

5351. International Business Management. 3(3-0)

Strategic and management issues that arise in international management including culture, corporate strategy and structure, cross-cultural communication, behavioral, negotiation, ethical, corporate social responsibility, risk, government relations, and other management issues. Prerequisites: BUAD 5301 and BUAD 5302.

5353. Business Study Abroad. 3(3-0)

Study abroad experience in a host country/world region. Activities consist of pre-travel background studies, such as reading and discussion of host country/region; pre-travel orientation and approval of research project; host country observation of business firms; discussions with host country business executives, professors and government officials; and concludes with post-travel reports (e.g., project and/or journal of experiences). Prerequisites: BUAD 5301 and BUAD 5302.

5355. Channel Distribution. 3(3-0)

This course deals with the design and management of marketing channels. A marketing channel is viewed as an inter-organizational flow system designed to deliver products and services from manufacturers to end consumers as well as reverse flows. This course specifically covers channel design, supply chain management and strategy including alliances and other collaborative relationships in a global environment. Special focus will be placed on trust between firms and its role in establishing a competitive advantage. Prerequisites: BUAD 5301 and BUAD 5302.

5357. Global Logistics Management. 3(3-0)

Studies logistics management strategy, planning and operations from a domestic and global approach. Topics include global logistics and supply chain strategies, grid design, facility location, transportation and distribution, import-export operations, risk management, customer service, reverse logistics with reference to cultural and current management applications. Prerequisites: BUAD 5301 and BUAD 5302.

5361. Healthcare Management & Marketing. 3(3-0)

Introduction to the principles of management in the healthcare environment. Role of a manager in a healthcare organization and the various skills and knowledge required of a healthcare manager and how it differs from other managers. Management principles to perform three roles of hospital manager, physician practice manager and manager of a health insurance company. Difference between for-profit systems and non-profit systems and differences in management styles as a result of varying missions. Prerequisites: BUAD 5301 and BUAD 5302.

5362. Health Policy Analysis. 3(3-0)

Introduction to the core elements of health policy analysis: problem definition; background; political, economic, and social landscape; development of policy options; and recommendations. In-depth historical background related to the health policy issues. Policy analysis in the context of topical issues in federal health policy with a focus on the federal policy-making process and key issues in health policy. Prerequisites: BUAD 5301 and BUAD 5302.

5363. Health Insurance System. 3(3-0)

Principles of health insurance systems in the United States and comparison of the US systems to other countries. History of health insurance and the difference between a variety of systems such as HMOs, PPOs, Self-funded programs, Medicare, Medicaid, Medicare Advantage, VA, and other systems. Determination of insurance company premiums. Difference between for-profit systems and non-profit systems. P Prerequisites: BUAD 5301 and BUAD 5302.

5364. Public Health & Epidemiology. 3(3-0)

Introduction to the principles of epidemiology as a diagnostic discipline of population health. Emphasis on understanding epidemiological information, the concept of risk, and the tools used to evaluate health problems and policies at a population level. Prerequisites: BUAD 5301 and BUAD 5302.

MARKETING (MKTG)

3311. Principles of Marketing. 3(3-0)

Examination of marketing goods and services by organizations and individuals in a free-enterprise economy. Topics covered include product, channels, price, promotion, consumer behavior, the legal and other uncontrollable environments and research, international marketing, strategy and control. Prerequisites: ENGL 1301 and ENGL 1302.

3328. Internship in Marketing. 3(3-0)

An off-campus learning experience allowing the acquisition and application of marketing skills in an actual work setting. Prerequisite: admitted to the College of Business.

3340. Consumer Behavior. 3(3-0)

Analysis and evaluation of the consumer's position in the marketing structure including patterns of consumer behavior and the psychological, social and cultural forces that underlie such patterns. Prerequisites: MKTG 3311.

3341. Marketing Research. 3(3-0)

Marketing research methods as applied to management problems involving marketing strategy and policy formulation, and economic-industry-firm-sales forecasts. Prerequisites: MKTG 3311, BUAD 3355 and successful completion of the business prerequisites.

3342. Integrated Marketing Communication. 3(3-0)

Demand-stimulation processes of all elements of the promotional mix at all levels of the channel of distribution. Analysis of theoretical models and pragmatic applications of promotion in an organization. Prerequisites: MKTG 3311 and successful completion of the business prerequisites.

3343: Digital Marketing. 3(3-0)

This class will give students the theoretical understanding of the dynamic internet marketplace necessary to adapt to its many changes, while also equipping them with the skills they'll need to perform vital daily marketing functions. By the end of the course, students will be able to walk into any company with an online presence and improve their use of the internet. Prerequisites: MKTG 3311 and successful completion of the business prerequisites.

3360: Personal Selling. 3(3-0)

The personal selling process and the use of a professional, customer-oriented, problem-solving approach in selling situations. The sales job, selection of salespeople, sales training programs, and coordination/control of the sales function. Development of fundamentals of professional selling skills. Prerequisites: admitted to the College of Business and MKTG 3311.

3362. Retail Marketing Management. 3(3-0)

Analysis and conceptualization of the relationship among channels of distribution members emphasizing the merchandising function of retail store management. Introduce applications of electronic commerce to retailing practice. Prerequisites: admitted into the College of Business and MKTG 3311.

3366. Services Marketing. 3(3-0)

The primary objective of this course is to prepare students to successfully apply marketing skills in today's increasingly service-oriented economy. The course is designed to help students understand the unique characteristics of services, the marketing challenges created by these characteristics, and effective ways to address these challenges. Prerequisite: MKTG 3311.

3367. Sport Marketing. 3(3-0)

Sport Marketing presents an overview of the various techniques and strategies used in meeting the wants and needs of consumers in the sport industry as well as understanding how sport can be used to assist in the marketing of other companies and products. Prerequisite: MKTG 3311.

4314. Global Logistics Management. 3(3-0)

A total systems approach to managing the logistical activities of the firm in a globalized environment. Analysis of total cost balanced against customer service. Customs warehousing, transportation, inventory control, packaging, handling and order processing activities are surveyed. Sustainability and globalization are integrated. Cross-listed with MGMT 4314. Prerequisites: admitted to the College of Business and MKTG 3311.

4315. Sales Management. 3(3-0)

The strategic role of the sales function and sales organization; developing and directing a sales force; and evaluating sales force performance. Role playing to help students experience realistic management scenarios. Prerequisites: admitted to the College of Business and MKTG 3311.

4355. Channel Marketing. 3(3-0)

This course deals with the design and management of marketing channels. A marketing channel is viewed as an inter-organizational flow system designed to deliver products and services from manufacturers to end consumers as well as reverse flows. This course specifically covers channel design, supply chain management and strategy including alliances and other collaborative relationships in a global environment. Special focus will be placed on trust between firms and its role in establishing a competitive advantage. Cross-listed with MGMT 4355. Prerequisites: admitted to the College of Business and MKTG 3311.

4361. Marketing Management. 3(3-0)

Capstone Marketing course for majors. Marketing functions in the firm and marketplace from the viewpoint of the marketing manager. Concepts and analytical tools used by marketing managers. Prerequisites: admitted to the College of Business, senior standing and MKTG 3311.

4363. International Marketing. 3(3-0)

Examines marketing in other countries, the marketing implications of cultural and environmental differences, international marketing research and adaptation of product, price, promotion and distribution decisions to international environments. Topics include international trade theory and the multinational firm. Prerequisites: admitted to the College of Business and MKTG 3311.

4396. Special Problems in Marketing. 3(3-0)

Special studies in marketing. May be repeated once for credit. Prerequisite: admitted to the College of Business.

5314. Strategic Logistics Management. 3(3-0)

Integration of transportation, inventory, facility location, informational flow, materials handling and protective packaging activities into a system for managing physical flow of inbound and outbound products and materials.

5355. Brand Management. 3(3-0)

This course examines the importance of developing, supporting, and positioning a brand in an effort to develop a sustainable competitive advantage. Students will learn how brand elements (e.g. slogans, jingles, and logos) can be used to reinforce a brand's image. Prerequisites: BUAD 5301 and BUAD 5302.

5356. Integrated Marketing Communications. 3(3-0)

To familiarize students with the various methods of marketing communication in an effort to develop a comprehensive, relevant brand image. Prerequisites: BUAD 5301 and BUAD 5302.

5357. Marketing Strategy. 3(3-0)

Examines the role of the strategic marketing process in developing sound marketing strategy. Covers the development of solid marketing plans reflective of the various marketing environments. Considers marketing both as a department and as an organizational philosophy. Prerequisites: BUAD 5301 and BUAD 5302.

5361. Seminar in Marketing. 3(3-0)

Marketing theory and strategy emphasizing the utilization of marketing concepts in the organization.

5363. International Marketing Management. 3(3-0)

Study of the competitive need to globalize marketing efforts by coordinating domestic and foreign marketing programs. Covers topics from strategic formulation through implementation of marketing programs. Prerequisites: BUAD 5301 and BUAD 5302.

5369. Special Problems in Marketing. 3(3-0)

Special studies or internship in marketing. May be repeated once for credit. Prerequisites: BUAD 5301 and BUAD 5302.

MILITARY SCIENCE (MSCI)

1001. Introduction to the Army and Critical Thinking Lab. 0(0-0)

This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. Corequisite: MSCI 1301.

1002. Adaptive Leadership and Professional Competence Lab. 0(0-0)

This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. Corequisite: MSCI 1302.

1301. Introduction to the Army and Critical Thinking. 3(3-0)

This course introduces Students to the personal challenges and competencies that are critical for effective leadership. Students learn how the personal development of life skills such as critical thinking, time management, goal setting, stress management, and comprehensive fitness relate to leadership, and the Army profession. Corequisite: MSCI 1001.

1302. Adaptive Leadership and Professional Competence. 3(3-0)

This course introduces Students to the professional challenges and competencies that are needed for effective execution of the profession of arms and Army communication. Through this course, Students will learn how Army ethics and values shape the army and the specific ways that these ethics are inculcated into Army culture. Prerequisites: MSCI 1301 or completion of any approved military basic training verified by either a DD214 or certification of completion of Basic Training from any military branch, or completion of 4 years of JROTC verified by students' high school transcripts. Corequisite: MSCI 1002.

2001. Leadership and Decision Making Lab. 0(0-0)

This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. Corequisite: MSCI 2301.

2002. Army Doctrine and Team Development Lab. 0(0-0)

This two hour mandatory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. Corequisite: MSCI 2302.

2301. Leadership and Decision Making. 3(3-0)

This is an academically challenging course where Students will study, practice, and apply the fundamentals of Army

Leadership, Officership, Army Values, and Ethics, and Personal Development, and small unit tactics at the squad level. Students are required to demonstrate writing skills and present information briefing in preparation for becoming a successful future U.S. Army officer. Prerequisites: MSCI 1301 and MSCI 1302 or completion of any approved military basic training verified by either a DD214 or certification of completion of Basic Training from any military branch, or completion of 4 years of JROTC verified by students' high school transcripts. Corequisite: MSCI 2001.

2302. Army Doctrine and Team Development. 3(3-0)

This course examines the challenges of leading teams in the complex operational environment. This course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. Students develop greater self-awareness as they assess their own leadership styles and practice communication and team building skills. Prerequisites: MSCI 1301, MSCI 1302, and MSCI 2301 or completion of any approved military basic training verified by either a DD214 or certification of completion of Basic Training from any military branch, or completion of 4 years of JROTC verified by students' high school transcripts. Corequisite: MSCI 2002.

3001. Training Management and Warfighting Functions Lab. 0(0-0)

This two hour mandatory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. Corequisite: MSCI 3301.

3002. Applied Leadership in Small Unit Operations Lab. 0(0-0)

This two hour mandatory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. Corequisite: MSCI 3302.

3301. Training Management and Warfighting Functions. 3(3-0)

This course introduces students to Military Mission Planning, the Army Operations Order Process, Military Land Navigation, the Tenants of Mission Command and the tactical skills and knowledge needed to lead at the squad and platoon level. At the conclusion of this course, students will be capable of planning, coordinating, navigating, motivating, and leading a squad and platoon in the execution of a mission during a classroom PE, a Leadership Lab, or during a Leader Training Exercise (LTX). Students will receive feedback on their abilities as a leader and how to improve those leader skills that they can be further developed into a successful U.S. Army officer. Prerequisite: Completion of contracting with the UTSA Army ROTC program. Corequisite: MSCI 3001.

3302. Applied Leadership in Small Unit Operations. 3(3-0)

This course continues to build on the skills and fundamentals taught and discussed during MSC 3001. Students will continue to build on the skills and fundamentals of Army Leadership, Officership, Army Values and Ethics, Personal Development, and small unit tactics at the platoon level. At the conclusion of this course, students will be capable of planning, coordinating, navigating, motivating, and leading a platoon in the execution of a mission during classroom PE, Leadership Lab, or during a Leader Training Exercise (LTX). Successful completion of this course prepares students for the ROTC Cadet Leader Course (CLC), which they will attend in the summer at Fort Knox, KY. Prerequisite: MSCI 3301, and completion of contracting with the UTSA Army ROTC program. Corequisite: MSCI 3002.

3330. American Military History. 3(3-0)

The purpose of this course is to survey and analyze the American military experience from its colonial origins to today's "war on terrorism." As a class, students will reach this goal primarily by means of reading, writing, simulating, and analyzing, and discussing American Military History and by visiting museums and preserved battlefields.

4001. The Army Officer Lab. 0(0-0)

This two hour mandatory applies and reinforces classroom instruction with outdoor, hands-on training on campus. Under the supervision of the Professor of Military Science, Senior Cadets are trained to forecast plan resource and execute training events and venues for the entire ROTC Battalion. In addition, it provides an opportunity to

experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. Corequisite: MSCI 4301.

4002. Company Grade Leadership Lab. 0(0-0)

This two hour mandatory applies and reinforces classroom instruction with outdoor, hands-on training on campus. Under the supervision of the Professor of Military Science, Senior Cadets are trained to forecast plan resource and execute training events and venues for the entire ROTC Battalion. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. Corequisite: MSCI 4302.

4301. The Army Officer. 3(3-0)

This is an advanced course that places primary emphasis on Officership with our Senior Students. The overall objective of this course is to focus on the leadership development, critical thinking and final preparation for commissioning as U.S. Army 2nd Lieutenant. Prerequisite: MSCI 3301, MSCI 3302, and completion of contracting with the UTSA Army ROTC program. Corequisite: MSCI 4001.

4302. Company Grade Leadership. 3(3-0)

This course places significant emphasis on preparing Cadets for their Officer Basic Course, and their first unit of assignment. Cadets explore military professional ethics and ethical decision making process and how it applies to a complex operational environment. Cadets gain practical experience in cadet battalion leadership roles, demonstrate personnel skills in operations and communications develop and evaluate junior students and gain an understanding of the contemporary military operating environment. Prerequisite: MSCI 3301, MSCI 3302, MSCI 4301, and completion of contracting with the UTSA Army ROTC program. Corequisite: MSCI 4002.

4303. Practical Leadership. 3(3-0)

This course consists of performance-oriented instruction and preparation for commissioning. Under the guidance of the PMS this course allows for additional development of students' ability to plan, coordinate, and direct the efforts of Army small unit organizations in the execution of tactical missions; planning and execution of leadership laboratories. Prerequisite: MSCI 4302, and consent of PMS. Corequisite: MSCI 1001.

MILITARY SCIENCE PHYSICAL FITNESS (MSPF)

3131. Military Physical Fitness. 1(1-0)

This course is designed to provide ROTC students with an introduction to physical fitness training in preparation for military career, improve quality of life, as well as developing one's physical and mental health.

MUSIC (MUSI)

1306. Music Appreciation. 3(3-0)

A general survey of music literature designed for the non-music major. Representative composers and their works are studied through recordings, lectures, reports, and live performances. The course focuses on the appreciation and analysis of musical compositions and performances, synthesis and interpretation of artistic expression and critical, creative and innovative communication about works of art. This course meets the standards for the Creative Arts category of courses under the core curriculum.

PHILOSOPHY (PHIL)

1301. Introduction to Philosophy. 3(3-0)

This course provides an introduction to the examination of major philosophical issues such as the existence of God, freedom and determinism, the relation between the mind and the body, moral rights and obligations, and the nature and limits of human knowledge. The focus will be these important issues and what classical and contemporary philosophers have said about them. This course meets the standards for the Language, Philosophy and Culture category of courses under the core curriculum.

PHYSICS (PHYS)

1101. General Physics Laboratory I. 1(0-1)

Laboratory course linked to PHYS 1301. Laboratory experimentation reinforces concepts in mechanics. The course emphasizes scientific communication and collaboration as well as measurement methods, uncertainty in measurement, and basic error analysis. Corequisite: PHYS 1301.

1102. General Physics Laboratory II. 1(0-1)

Laboratory course linked to PHYS 1302, Laboratory experimentation reinforces concepts in oscillation and waves, electricity and magnetism. The course emphasizes scientific communication and collaboration as well as measurement methods, uncertainty in measurement, and basic error analysis. Corequisite: PHYS 1302.

1301. General Physics I. 3(3-0)

This course provides an introduction to Newtonian physics. Topics include Aristotelian physics and its overthrow, Newton's laws of motion and gravitation, and the motion of particles, rigid bodies and fluids. The idea of the universe as a law-governed system will be developed. Trigonometry required for the course will be developed prior to its physics applications. Algebra and trigonometry based physics problem solving will be required. Home based experiments using commonly available items will be assigned. This course meets the standards for the 'Life and Physical Sciences' category of courses under the core curriculum. Prerequisites: MATH 1314 or MATH 1324 or MATH 2312 or MATH 2313.

1302. General Physics H. 3(3-0)

Introduction to thermal physics, wave motion, electricity, and magnetism. The classical theory of fields will be used to study electric and magnetic phenomena, including light. This is the culmination of classical physics which underlies much of technology. Algebra and trigonometry based physics problem solving will be required. Home based experiments using commonly available items will be assigned. This course meets the standards for the 'Life and Physical Sciences' category of courses under the core curriculum. Prerequisites: PHYS 1301 and MATH H314 or MATH 1324 or MATH 2312 or MATH 2313.

2125. University Physics Laboratory I. 1(0-1)

Laboratory course linked to PHYS 2325. Laboratory experimentation reinforces concepts in mechanics. The course emphasizes scientific communication and collaboration as well as measurement methods, uncertainty in measurement, and error analysis using calculus. Corequisite: PHYS 2325.

2126. University Physics Laboratory II. 1(0-1)

Laboratory course linked to PHYS 2326. Laboratory experimentation reinforces concepts in oscillation and waves, electricity and magnetism. The course emphasizes scientific communication and collaboration as well as measurement methods, uncertainty in measurement, and error analysis using calculus. Corequisite: PHYS 2326.

2325. University Physics I. 3(3-0)

A calculus based introduction to Newtonian physics, Topics include Aristotelian physics and its overthrow, Newton's laws of motion and gravitation, and the motion of particles, rigid bodies, and fluids. Fluency in algebra and trigonometry is expected and differential and integral calculus will be used as necessary. Home based experiments using commonly available items will be assigned. This course meets the standards for the 'Life and Physical Sciences' category of courses under the core curriculum. Prerequisite: MATH 2313. Corequisite: MATH 2314.

2326. University Physics II. 3(3-0)

Calculus based introduction to thermal physics, oscillatory and wave phenomena, electricity and magnetism. The classical theory of fields will be used to study electric and magnetic phenomena, including light. This is the culmination of classical physics which underlies much of technology. Fluency in algebra and trigonometry is expected and differential and integral calculus will be used as necessary. Home based experiments using

POLITICAL SCIENCE (POLS)

3302. Research and Analysis in Political Science. 3(3-0)

The practice of political science. The construction of research designs; major research tools; methods of political analysis; political science writing. Prerequisites: GOVT 2305 and GOVT 2306.

3310. American Political Institutions. 3(3-0)

Explores the structure and major issues and controversies in the study of American political institutions; topics include executive, legislative, and judicial branches of government. Prerequisites: GOVT 2305 and GOVT 2306.

3321. Political Theory: Ancient and Medieval. 3(3-0)

The theories of the major thinkers of the periods and of their development. Prerequisites: GOVT 2305 and GOVT 2306.

3322. Political Theory: Early Modern and Modern. 3(3-0)

Theories of the major thinkers and the related intellectual and political movements. Prerequisites: GOVT 2305 and GOVT 2306.

3341. International Relations. 3(3-0)

The underlying principles governing political relations among sovereign states and the application of these principles to contemporary international problems. Prerequisites: GOVT 2305 and GOVT 2306.

3351. Comparative Politics. 3(3-0)

The structures, functions and processes of selected political systems. May be repeated once for credit. Prerequisites: GOVT 2305 and GOVT 2306.

4302. Advanced Research Methods: Regression and Analysis. 3(3-0)

In this course students will learn model building, ordinary least squares (OLS) regression, and prediction analysis using a statistical analysis program. Course is suitable for those interested in performing advanced data analysis. Prerequisites: SOCI 3381 and POLS 3302.

4311. Voting Behavior and Public Opinion. 3(3-0)

The relation of public opinion and voting behavior to democratic government; techniques employed in analyzing political attitudes and voting behavior. Prerequisites: GOVT 2305 and GOVT 2306.

4312. Interest Groups and Political Parties. 3(3-0)

Formation, structure and functions of interest groups and political parties within the political system. Prerequisites: GOVT 2305 and GOVT 2306.

4314. State and Local Government and Administration. 3(3-0)

Structure and functions of governmental institutions; administrative practices of state and local governments. Prerequisites: GOVT 2305 and GOVT 2306.

4315. Urban Politics. 3(3-0)

A study of urban political processes and major public problems confronting urban areas. Prerequisites: GOVT 2305 and GOVT 2306.

4316. American Political Behavior. 3(3-0)

An introduction to core theories and controversies about American mass political behavior; topics include electoral and non-electoral political participation, political socialization, and party identification. Prerequisites: GOVT 2305 and GOVT 2306.

4317. Nuclear Proliferation and U.S. Non-Proliferation Policies. 3(3-0)

Causes of and U.S. responses to, nuclear proliferation in Third World regions, focusing on "problem countries." Topics include the non-proliferation regime, the "nuclear repentants," nuclear arms control and the threat of nuclear terrorism. Prerequisites: GOVT 2305 and GOVT 2306.

4325. Technology and Politics. 3(3-0)

A study of technology and society from the perspective of social values, ethics, sociology, social environment, politics and economics. Prerequisites: GOVT 2305 and GOVT 2306.

4331. Constitutional Law. 3(3-0)

This course focuses on institutional power and constraints. A survey of American constitutional law, using leading cases, both historic and contemporary, of the Supreme Court of the United States. Establishment of the federal political system for which the Constitution provided and the judicial allocations of political and economic power within that system. Prerequisites: GOVT 2305 and GOVT 2306.

4332. Constitutional Law. 3(3-0)

This course focuses on civil rights and civil liberties. A survey of American constitutional law using leading cases, both historic and contemporary, of the Supreme Court of the United States. Matters of rights and liberties, their recognition and definition, policies of rights developed by the Supreme Court of the United States. Prerequisites: GOVT 2305 and GOVT 2306.

4333. The American Judicial Process. 3(3-0)

The federal judicial system in terms of structure, function and process with stress on court interaction at both intracourt and intersystem levels. Prerequisites: GOVT 2305 and GOVT 2306.

4342. International Organization. 3(3-0)

Basic features, functions and problems of international organizations through the League of Nations, the United Nations and its specialized agencies and other important regional organizations in the context of the world situation. Prerequisites: GOVT 2305 and GOVT 2306.

4343. International Law. 3(3-0)

An introduction to the study of international law. This course examines the definition, object and sources of international law as well as its relationship to domestic law and to the study of international relations. Prerequisites: GOVT 2305 and GOVT 2306.

4354. The Government and Politics of Latin America. 3(3-0)

The structures, functions and processes of the political systems of the nations of Central America, the Caribbean and South America. Prerequisites: GOVT 2305 and GOVT 2306.

4355. The Government and Politics of Mexico. 3(3-0)

The structures, functions and processes of the political system of Mexico. Prerequisites: GOVT 2305 and GOVT 2306. Cannot receive credit for both POLS 4355 and SWBS 4355.

4361. Public Administration. 3(3-0)

The place of public administration in government; the relations of the bureaucracy to other government institutions and the public. Prerequisites: GOVT 2305 and GOVT 2306.

4363. Policy and Policy-Making in the United States. 3(3-0)

Public policy and its formation through the interaction of political groups and governmental institutions in selected areas of public policy; relevant comparisons to other national systems. Prerequisites: GOVT 2305 and GOVT 2306.

4364. Women and Politics. 3(3-0)

Description, analysis and assessment of women's place in a democracy through a focus on women's capacity to relate to and use political power. (Credit may not be obtained in both POLS 4364 and WGST 4364). Prerequisites: GOVT 2305 and GOVT 2306.

4370. Special Studies in Political Science. 3(3-0)

An intensive examination of special topics of study in political science. Course may be repeated for credit when the topic of study changes. Prerequisites: GOVT 2305 and GOVT 2306. Cannot receive credit for both POLS 4370 and SWBS 4370.

4371. Political Science Internship. 3(3-0)

This course provides students the opportunity to integrate traditional learning exercises with practical experience in one of the following areas: a political campaign, an elected official's office, a state or city bureaucracy/agency, or a professional environment. Prerequisites: 6 semester hours of advanced POLS courses, minimum 3.0 gpa, and instructor approval.

PSYCHOLOGY (PSYC)

2202. Introduction to the Psychology Major. 2(2-0)

Students will be introduced to the broad field of psychology. Subfields will be explored. Students will explore job opportunities and opportunities for advanced degree. Topics may also include scientific method, research, reading scientific articles, ethics, critical thinking, the A&M-SA degree plan, and goal setting. Prerequisite: PSYC 2301.

2301. General Psychology. 3(3-0)

A survey of general psychology: theories, methods, and basic principles and how these apply to human behavior. Topics include research, the brain, social psychology, learning, memory, and psychological disorders. The course emphasizes the understanding that psychological concepts are derived from the scientific method.

2315. Psychology of Adjustment. 3(3-0)

Adjustment problems of normal people. Principles of health psychological functioning in relation to family, peers, career, community, and culture. Prerequisite: PSYC 2301.

2350. Health Psychology. 3(3-0)

Examines and defines the nature of illness and healing through the integration of biophysiological, psychoneuroimmunological, psychological and environmental factors. Examines stress and stress management techniques. Prerequisite: PSYC 2301.

2388. Psychological Research and Statistics I. 3(3-0)

An introduction to the methods and analysis of data from psychological studies. Fundamental concepts and techniques of both descriptive and inferential statistics and their application to psychological research. Prerequisites: PSYC 2301 and MATH 1314.

3088. Psychological Research and Statistics II Lab. 0(0-0)

Lab focusing on scientific literacy and practice with data analysis using statistical software, and research design. Corequisite: PSYC 3488.

3304. Introduction to Learning Psychology. 3(3-0)

General principles of learning and memory and an introduction to learning theory. Emphasis on motivation, conditioning and problem-solving. Prerequisite: PSYC 2301.

3305. Social Psychology. 3(3-0)

Theory and phenomena of social psychology. Includes the nature of social variables and the methods used to study them, and covers topics such as the self, conformity, persuasion, prejudice, relationships, altruism, attitudes, attribution, conflict, and peacemaking. Credit may not be obtained in both PSYC 3305 and SOCI 3301 or SOCI 3311. Prerequisite: PSYC 2301.

3312. Motivation and Emotion. 3(3-0)

Topics include examination of biological, physiological, learning, psychodynamic, cognitive, and purposive factors in the motivation of human behavior. Includes examination of nature and the roles of emotion in explaining motivational processes. Prerequisites: PSYC 2301 and PSYC 2388.

3321. Intimate Relationships. 3(3-0)

This course covers issues involved in both intimate and platonic close relationships, with an emphasis on intimate relationships, and includes attraction, love, communication, sexuality, power, and dissolution. Current and classic research associated with all aspects of relations will be considered. Credit may not be obtained in both PSYC 3321 and WGST 3321. Prerequisites: PSYC 2301.

3322. Gender Issues. 3(3-0)

Consideration of physiological and social-learning origins of sex differences and psychological theories of sex-stereotyped and sexual behavior. Topics may include androgyny versus sex-typed behavior, gender dysfunction, origins of sex stereotypes, sexual preferences, and sex differences in reasoning styles, aggression, sexual behavior, personality, and psychopathology. (Credit may not be obtained in both PSYC 3322 and WGST 3322.) Prerequisite: PSYC 2301.

3324. Cross-Cultural Psychology. 3(3-0)

An examination of the role of culture in the development and validation of psychological theories. Critical discussion of the application of Western theories to other cultural groups, including ethnic minority subgroups. Topics may include identity formation, cognitive and personality development, social and organizational behavior, intergroup relations, psychological assessment, and mental health. Prerequisite: PSYC 2301.

3327. Lifespan Development. 3(3-0)

A survey of development from birth through childhood, adolescence, adulthood, old age, and death. Physical, cognitive, socioemotional, and social issues over the lifespan will be examined. Prerequisites: PSYC 2301 and PSYC 2388.

3360. Psychology and Work. 3(3-0)

Application of psychological principles to the world of work and to organizations. Topics include selection of employees, evaluation of job performance, job satisfaction, motivation, training, leadership, organizational structure, culture, and work teams. Prerequisite: PSYC 2301.

3365. Psychology of Personality. 3(3-0)

An examination of major personality theories and the implications for personality development and change. Topics may also include research, results, and problems specific to personality. Prerequisites: PSYC 2301 and PSYC 2388.

3369. Human Sexuality. 3(3-0)

An introduction to human sexuality with emphasis on the reproductive systems, gender/sexual identity, behavior and influences of legal, social, and technological development. Prerequisites: PSYC 2301 and PSYC 2388. (Credit may not be obtained in both PSYC 3369 and SOCI 3369.)

3488. Psychological Research and Statistics II. 4(3-1)

Introduction to basic research methodology (i.e., designing and evaluating behavioral research) and ethical issues in research. Statistical methods will be discussed as they pertain to research design and interpretation. Prerequisites: PSYC 2301, PSYC 2388, and ENGL 2300. Corequisite: PSYC 3088.

4309. Psychological Assessment. 3(3-0)

Introduces students to psychological assessment. Topics include measures of personality, intelligence, psychological disorders, and neuropsychological functioning and their use in medical, educational, therapeutic, workplace and historical contexts. Prerequisites: PSYC 2301 and PSYC 3488.

4310. Cognitive Psychology. 3(3-0)

Examination of current information-processing models of human cognition. Visual & auditory information processing, memory processes, information processing, language, thinking, and problem solving. Prerequisite: 6 hours of psychology. Prerequisites: PSYC 2301 and PSYC 3488.

4312. Physiological Psychology. 3(3-0)

Introduction to the physiological substrata of behavior; including basic neuroanatomy, research techniques, basic physiology, sensory processes and central nervous system functions. Prerequisites: PSYC 2301 and PSYC 3488.

4314. Psychology of Adolescence. 3(3-0)

An advanced course that treats the definition of adolescence, research and theory concerning the biological, moral, sex-role, personality and emotional development. Prerequisites: PSYC 2301, PSYC 3488 and PSYC 3327.

4315. Selected Topics in Psychology. 3(3-0)

Literature and research in areas of psychology not otherwise treated in depth in available courses. May be repeated once as topics change. Prerequisite: 12 semester hours of Psychology.

4325. Abnormal Psychology. 3(3-0)

This course will explore the dynamics of psychological health and maladjustment with a focus on the science underlying major mental disorders, known causes or etiologies of those disorders, and current treatment modalities or evidence-based practices (EBPs) in the context of the newly released DSM-5. Prerequisites: PSYC 2301 and PSYC 3488.

4328. Psychology of Perception.3(3-0)

Analysis of basic perceptual phenomena and theories of perception. Emphasis on sensation, attention, meaning and structural concepts. Prerequisites: PSYC 2301 and PSYC 3488.

4333. History and Systems of Psychology. 3(3-0)

Important historical antecedents and contemporary psychological systems. An exit course that integrates diverse material encountered in the discipline. Prerequisites: PSYC 2301 and PSYC 3488.

4335. Introduction to Clinical Psychology. 3(3-0)

This course surveys the field of clinical psychology which is the branch of psychology concerned with the assessment and treatment of mental illness and disorders. Topics include historical figures and theory; ethical, legal and cultural issues; diagnostics and assessment as well as empirically validated treatment and prevention strategies. Prerequisites: PSYC 2301 and PSYC 3488.

4344. Military Psychology. 3(3-0)

This course covers the history and culture of military psychology, special programs such as neuropsychology, comprehensive soldier fitness, and clinical health psychology, ethical issues such as relationships, burnout, and suicide, and clinical theory involving military families, combat stress, and postdeployment adjustment. Prerequisite: PSYC 2301.

4345. Substance Abuse. 3(3-0)

A general survey of current research on psychological, social, legal and situational factors involved in substance usage and its effect on human behavior and criminal activity. Includes a treatment of therapeutic procedures and facilities. Prerequisites: PSYC 2301 and PSYC 3488.

4351. Directed Research in Psychology. V:1-3

Individual instruction course for advanced and qualified undergraduates to obtain supervised research experience in psychology. Student will assist with a research project by working under the individual guidance of a psychology faculty member. Requirements may entail library research, data collection, data entry, statistical analysis and or assistance in planning and conducting parts of a research project. A paper on the research experience is required. Consent of instructor required. May be repeated for a maximum of 3 semester credit hours. Prerequisites: PSYC 2301 and PSYC 3488.

4352. Forensic Psychology. 3(3-0)

This course examines the dynamics of human behavior within forensic contexts, including an analysis of the psychology of criminal behavior, as well as current research in the areas of police and investigative psychology (e.g., eyewitness identification, false confessions), psychology in the courts, mental illness in the justice system, and correctional psychology. Prerequisites: PSYC 2301 and PSYC 3488 or CRIM 3380.

4355. Internship in Psychology. 3(3-0)

Applied experience at an off-campus site where psychological principles are applied. Jointly supervised by on-

campus faculty and off-campus representatives at the internship site. Students must have departmental approval before registering. Prerequisites: PSYC 2301 and PSYC 3488 and consent of instructor.

4360. Seminar in Advanced Psychology. 3(3-0)

This advanced seminar course is offered for upper division students and will integrate theory, research and practice in the field of psychology broadly. Subject matter will be determined by faculty interests. Prerequisites: Psychology major/Senior standing, AND consent of instructor.

4370. Psychology and Law. 3(3-0)

Psychology and law became a specialized field of study in the 1960s as part of an effort to enhance legal process and justice outcomes. In recent years, concerns about wrongful convictions, false confessions, and use of “junk science” in the courtroom has fueled an interest in psychological and legal aspects of high stakes rulings. Major landmark cases and the social science research which shaped US history in this area will be discussed and debated in this course. Prerequisites: PSYC 2301 and PSYC 3488.

4388. Psychological Research and Statistics III. 3(3-0)

Advanced instruction in designing, conducting, and analyzing data and research in psychology. Prerequisites: PSYC 2301 and PSYC 3488/3088.

RADIO, TELEVISION AND FILM (RTVF)

RTVF 2320. Audience Research and Rating Analysis. 3(3-0)

Media professionals rely heavily on research to make well-informed decisions. Students learn how audience research studies are designed, conducted, analyzed, and utilized within the media industries. Students also develop an understanding and an appreciation of the business and economic aspects of the media industries, therefore this course is suitable for students of all RTD specializations. Prerequisites: SPCH 1315, COMM 1335, and COMM 2300.

RTVF 2321. Survey of Television and Integrated Media Technologies. 3(3-0)

This is a survey course focusing on historical, technical, and governmental aspects of the broadcast industry and integrated media. Topics such as programming, sales, ratings, and public broadcasting will be introduced. Students will develop critical awareness of the roles played by stakeholders, such as the public, the industry, and the government regulators in an environment of fast-paced social and technological change. Prerequisites: SPCH 1315, COMM 1335, and COMM 2300.

RTVF 2322. Television Aesthetics and Criticism. 3(3-0)

This course is designed as an introduction to the analysis of television story-telling modes and strategies. Students will be taught the tools and concepts needed to disassemble television narratives as seen in the classical television series, sitcom, drama and contemporary reality television. Emphasis will be placed on developing a taxonomy of television programs through critical aesthetic theory, genre analysis, auteur studies and production studies. Prerequisites: SPCH 1315, COMM 1335, and COMM 2300.

RTVF 2324. Introduction to Digital Media. 3(3-0)

An introduction to digital editing and digital media theory, creation, and management. Studies include fundamental non-linear editing techniques, repurposing and manipulating aural and visual materials, digital compression and practical online distribution. Prerequisites: SPCH 1315 and COMM 1335.

RTVF 3303. Multi-Camera Television Production. 3(2-3)

The objective of this class is to provide an overview of studio based television techniques, along with some live remote techniques. Students will learn the basic principals of multiple production and technical positions that are used for a program produced for live & live-to-tape multi-camera production. Prerequisites: SPCH 1315, COMM 1335, COMM 2300, and COMM 2309.

RTVF 3307. Single Camera Television Production 3(2-3)

Television news is a dynamic medium and working in a TV newsroom on daily news is a vital skill to learn if you are a journalist. This class will provide a true “hands on” experience, which will go above the traditional lab

experience. The class will be a combination of lectures and critiques; and a weekly reporting shift in our student newsroom. Prerequisites: SPCH 1315, COMM 1335, COMM 2300, and COMM 2309.

RTVF 3309. Acting for the Camera. 3(3-0)

This course focuses on the processes and techniques used in preparing and acting for the camera. Individual and group scene study and single- and multi-cameraproduction techniques are combined with critical text analyses for the student interested in developing a comfort and familiarity with acting for film, television, and the web. For students planning to work as actors, this course provides insights into working with directors and within a “camera” environment. For students planning to work behind the camera, this course provides useful insights for working with actors. Substantive written critical evaluations are required. Prerequisites: SPCH 1315 and COMM 1335.

RTVF 3313. Principles of Digital Editing. 3(3-0)

A post-production course introducing television and film students to the theories and concepts of digital nonlinear editing using Avid and/or other digital editing systems. Through screenings, lectures, discussions and demonstrations, students learn basic editing concepts, styles, and methods of accomplishing various editing tasks. Prerequisites: SPCH 1315, COMM 1335, COMM 2300, and COMM 2309.

RTVF 3315. Television Writing. 3(3-0)

This course is designed for students who are beginning their study of a wide range of media forms and have an interest in understanding the art and craft of writing for television. Prerequisites: SPCH 1315, COMM 1335, COMM 2300, and COMM 2309.

RTVF 3317. Television Sports Reporting and Producing. 3(3-0)

This course explores the foundations of electronic sports reporting, including legal and ethical considerations. Emphasis on responsible reporting practices while on deadline and enterprisereporting. Prerequisites: SPCH 1315, COMM 1335, COMM 2300, and COMM 2309.

RTVF 4301. Advanced Television and Integrated Media Technologies. 3(3-0)

Training and practice with advanced television and integrated media equipment consistent with current industry standards. Students will study basic engineering theory and investigate and practice core technical areas. This course provides technical preparation for intermediate and advanced television and online production work. Students are required to be available for production work beyond scheduled class time. Prerequisites: SPCH 1315, COMM 1335, COMM 2300, and COMM 2309.

RTVF 4303. Television Production Nonfiction I. 3(2-3)

This class will provide an introduction to producing documentaries and a brief history of documentaries. The course will also teach students how to analyze the different styles of documentaries. Students will be required to develop a Documentary Proposal. Prerequisites: SPCH 1315, COMM 1335, COMM 2300, and COMM 2309.

RTVF 4304. Television Production Nonfiction II. 3(2-3)

Studies include script-to-screen production techniques in studio and location environments. Students write and produce original content within a wide range of television genres. The course combines professional production practices along with a digital post-production curriculum. Students are required to be available for production work beyond scheduled class time. Prerequisites: SPCH 1315, COMM 1335, COMM 2300, COMM 2309, and RTVF 4303.

RTVF 4305. Television Directing. 3(2-3)

This course is an advanced practicum dealing with creative production in aesthetic and technical phases. As the Director you will be expected to foster creativity and participation among your crew. Good leadership is the key to this position. Students are required to be available beyond scheduled class time. Prerequisite: SPCH 1315, COMM 1335, COMM 2300, COMM 2309, and RTVF 3303.

RTVF 4309. Minorities in the Media. 3(3-0)

This course uses documentaries and films, readings and discussions, research assignments, and group projects to increase understanding of racial and ethnic minorities and media in U.S society. Specifically, this course

will increase understanding of the historical context of racial and ethnic minorities in the U.S.; increase knowledge about media and journalism in society; improve skills for evaluating media representation and coverage of racial and ethnic minorities; develop knowledge about journalism and communication theories and their application to racial and ethnic minorities and the media; improve research proficiency. Prerequisites: SPCH 1315 and COMM 1335.

SPEECH COMMUNICATIONS (SPCH)

1315. Fundamentals of Public Speaking. 3(3-0)

Introduction to public speaking details the history, theory and practice of public speaking with an emphasis placed upon the organization and delivery of informative and persuasive speeches. Further emphasis is given to the reduction of anxieties associated with public speaking. This course meets the standards for the Component Area Option category of courses under the core curriculum.

1318. Interpersonal Communication. 3(3-0)

Interpersonal communication enables students to analyze and practice communication in one-on-one relationships. Students will learn and evaluate basic interpersonal communication theories as well as learn about their personal communication strengths and weaknesses and be given opportunities to improve their communication skills in both individual and group contexts. This course meets the standards for the Component Area Option category of courses under the core curriculum.

SOCIOLOGY (SOCI)

1301. Principles of Sociology. 3(3-0)

Introductory exploration of the scientific study of human society, including ways in which groups, social institutions and individuals affect each other. Required for all sociology majors and for BAAS degree students with a sociology concentration.

1306. Social Problems. 3(3-0)

Application of sociological principles and theoretical perspectives to major social problems in contemporary society such as inequality, crime and violence, substance abuse, environmental issues, deviance, globalization, or family problems. Required for all sociology majors and for BAAS degree students with a sociology concentration.

2301. Social Constructions and the Craft of Sociology. 3(3-0)

This course will help students develop a sociological imagination by investigating common social constructions while introducing them to research tools; effective study, presentation and writing skills; and a review of sociological history and key paradigms. Required for all sociology majors and for BAAS degree students with a sociology concentration. Prerequisites: ENGL 1301, SOCI 1301, and SOCI 1306. Credit may not be obtained in both SOCI 3303 and SOCI 2301.

2356. Gender in Society. 3(3-0)

This course offers an investigation of the effects of social structure and institutions on gender role formation and maintenance, how gender roles have changed and the effects of those changes, and the continuing power of gender roles. Prerequisites: SOCI 1301 or ENGL 1302.

3302. Social Deviance. 3(3-0)

Survey of the sociological and psychological aspects of deviant behavior. Nature of deviance, types of deviant behavior, causal theories and social policy implications. Credit may not be obtained in both SOCI 3302 and CRIM 3302. Prerequisites: SOCI 1301 or ENGL 1302.

3310. Sociological Theory. 3(3-0)

In this course students will be introduced to the uses and components of sociological theory, key sociological concepts and paradigms, and seminal classical and contemporary sociological writings and theories. Required for all sociology majors and for BAAS degree students with a sociology concentration. Credit may not be obtained in both SOCI 3310 and SOCI 4383. Prerequisite: SOCI 2301.

3311. Social Psychology. 3(3-0)

Students will use a sociological lens to explore the relationship between society and the individual; the effect of other people on individual behavior; and the theories and seminal research of social psychology. Credit may not be obtained in both SOCI 3311 and SOCI 3301 or PSYC 3305. Prerequisites: SOCI 1301 or ENGL 1302.

3320. Research Methods in Sociology. 3(3-0)

The foundational concepts, assumptions, and approaches in qualitative and quantitative research; the scientific method; and research ethics. Students will apply knowledge gained in this class through application to a hands-on semester-long research project. Required for all sociology majors and for BAAS degree students with a sociology concentration. Credit may not be obtained in both SOCI 3320 and SOCI 4382. Prerequisite: SOCI 3310.

3322. Juvenile Delinquency. 3(3-0)

Incidence, types, causation, patterns, processes, treatment agencies and research as related to juvenile delinquency. Selected practical experiences such as trips to juvenile institutions. Credit may not be obtained in both SOCI 3322 and CRIM 3322. Prerequisites: SOCI 1301 or ENGL 1302.

3330. Statistics for Sociology. 3(3-0)

This course introduces students to descriptive and basic inferential techniques and tests using major analysis software. Students will apply knowledge gained in this class through application to a hands-on, semester long research project. Required for all sociology majors and for BAAS degree students with a sociology concentration. Credit may not be obtained in both SOCI 3330 and SOCI 3381. Prerequisite: SOCI 3310 and any one of the following: MATH 1314, MATH 1324, MATH 1332, or MATH 1342.

3340. Environmental Sociology. 3(3-0)

This class explores the social dimensions of environmental problems including competing perspectives on them and analyses of their causes and impacts. Prerequisites: SOCI 1301 or ENGL 1302.

3350. Marriage and Family. 3(3-0)

In this course students will explore the location and role of family in social structure, the functions of marriage and family, and the ways in which this critical social institution has adapted to and reflects larger social changes. Cannot receive credit for both SOCI 3350 and SOCI 4370. Cannot receive credit for both SOCI 3350 and WGST 3350. Prerequisite: SOCI 1301 or ENGL 1302.

3360. Inequality and Social Stratification. 3(3-0)

In this course students will explore the causes of, explanations for and consequences of inequality; how inequality is perpetuated or modified; class consciousness; and major axes of stratification. Cannot receive credit for both SOCI 3360 and SOCI 4312. Cannot receive credit for both SOCI 3360 and WGST 3360. Prerequisite: SOCI 1301 or both ENGL 1301 and ENGL 1302.

3364. Sociology of Religion. 3(3-0)

This course focuses on the social institution of religion, the dissemination of religion, the relationship between religion and economics, inequality, and social change. Prerequisites: SOCI 1301 or ENGL 1302.

3365. Social Movements. 3(3-0)

A study of concepts and processes associated with the birth, membership, organization, maintenance, and effects of social movements by examining past and ongoing social movements, key social movement theories, and the effects of social forces such as globalization and technology on social movements. Prerequisites: SOCI 1301 or ENGL 1302.

3370. Introduction to Human Services. 3(3-0)

In this class students will receive an overview of the application of sociology to hands-on work addressing social problems including the demands, values, and core competencies in human services such as social work. Prerequisites: SOCI 1301 or ENGL 1302.

4320. Law and Society. 3(3-0)

An in-depth examination of law and society through the philosophy and evolution of legal systems and legal

institutions. The major functions of law as agents of social control, dispute resolution and societal engineering are addressed. Credit may not be obtained in both SOCI 4320 and CRIM 4320. Prerequisites: SOCI 1301 or ENGL 1302.

4331. Demography and Population Problems. 3(3-0)

Basic demographic concepts and formulae, historic and contemporary population trends, and effect of demographic changes on social norms, culture, and structure are covered in this course. Credit may not be obtained in both SOCI 4331 and SOCI 4310. Prerequisite: SOCI 2301.

4340. Selected Topics in Environmental Sociology. 3(3-0)

Literature and research in areas of Environmental Sociology not otherwise treated in depth in available courses. May be repeated once for credit when topics differ. Prerequisites: SOCI 1301 or ENGL 1302.

4342. Technology and Society. 3(3-0)

A study of technology and society from the perspective of social values, ethics, sociology, social environment, politics and economics. Credit may not be obtained in both SOCI 4342 and SOCI 4324. Prerequisites: SOCI 1301 or ENGL 1302.

4343. Social and Natural Systems of the US-Mexico Border. 3(3-0)

This course investigates the interaction of human society and the natural environment along the US-Mexico border. Issues such as population growth, resource use, economic development, and environmental degradation will be covered in the context of the border region. Cannot receive credit for both SOCI 4343 and SWBS 4342. Prerequisite: SOCI 1301.

4344. Urban Sociology. 3(3-0)

This class covers the culture, history and growth patterns of cities; demographic and ecological patterns and trends; problems of housing, mobility, education, and community organization; enclaves aversive racism, and spatial aspects of inequality. Cannot receive credit for both SOCI 4344 and SOCI 3351. Prerequisite: SOCI 1301 or ENGL 1302.

4350. Selected Topics in Family. 3(3-0)

Literature and research in areas of Family and Marriage not otherwise treated in depth in available courses. May be repeated once for credit when topics differ. Prerequisite: SOCI 1301 or ENGL 1302.

4351. Family as an Economic Unit. 3(3-0)

This course focuses on the effect of economic systems and inequality on families; how families perpetuate economic systems and social inequalities; how workforce changes and economic cycles affect families; and facts and myths of individual and family economic choices. Cannot receive credit for both SOCI 4351 and WGST 4351. Prerequisite: SOCI 1301 or ENGL 1302.

4354. Sex, Sexuality, and Society. 3(3-0)

This course explores sexual behaviors, variations, and development; contested and changing understandings of sexuality and sexualities; and associated social and cultural phenomenon. Cannot receive credit for both SOCI 4354 and SOCI 3369 or PSYC 3369. Prerequisite: SOCI 1301 or ENGL 1302.

4362. Race and Ethnicity. 3(3-0)

This class focuses on a critical analysis of the concept of race and ethnicity; the formation of racial and ethnic identities; the imposition of identities on groups and individuals; and the dynamic nature of racial and ethnic labels. Prerequisite: SOCI 1301 or ENGL 1302.

4364. Minority Women in U.S. Society. 3(3-0)

In this class students will explore the complex patterns of identity based on gender, race, and citizenship and the intersection of these and other aspects of status and identity. Cannot receive credit for both SOCI 4354 and SOCI 4364. Cannot receive credit for both SOCI 4363 and WGST 4300. Prerequisite: SOCI 1301 or ENGL 1302.

4365. Introduction to Southwest Borderlands Studies. 3(3-0)

A survey of the multidimensional and interdependent nature of the United States-Mexico regional interaction and development. A focus on southwest borderlands dynamics which impact upon culture, social institutions, ecological and demographic characteristics. Cannot receive credit for both SOCI 4365 and SWBS 4365. Prerequisite: SOCI 1301.

4371. Aging in America. 3(3-0)

This course provides an introduction to aging viewed through a sociological lens, including individual and societal implications, historical and cross-cultural comparisons, racial/ethnic and gender-based differences in the meaning and consequences of aging, and contemporary population and policy issues associated with aging. Cannot receive credit for both SOCI 4371 and SOCI 4341. Prerequisite: SOCI 1301 or ENGL 1302.

4372. Death and Dying. 3(3-0)

This course explores the processes, meanings, norms, policies, and institutions that create and maintain our understandings and rituals surrounding the processes of death, dying, and bereavement. Cannot receive credit for both SOCI 4372 and SOCI 4342. Prerequisite: SOCI 1301 or ENGL 1302.

4380. Selected Topics in Sociology. 3(3-0)

Literature and research in areas of sociology not otherwise treated in depth in available courses. May be repeated once for credit when topics differ. More than six hours of credit may not be obtained from both SOCI 4308 and SOCI 4380. Prerequisite: SOCI 1301 or ENGL 1302.

4391. Internship. 3(3-0)

This is an internship program designed to provide outstanding sociology students with an opportunity to acquire hands-on experience related to their career goals in for-profit business, nonprofit organizations or government agencies. Students will be prepared for today's and tomorrow's workplace by enhancing academic skills, communication skills, interpersonal/diversity skills and job acquisition skills. Prerequisites: SOCI 3320 and SOCI 3330, cumulative gpa of 3.0 or higher and instructor's approval. Three hours of SOCI 4391 may be used in place of SOCI 4392 with instructor approval.

4392. Sociology Capstone. 3(3-0)

In this capstone option, students will review and complete their student portfolio by preparing a culminating paper. Required for all sociology majors and for BAAS degree students with a sociology concentration. Credit may not be obtained in both SOCI 4392 and SOCI 4303. May be replaced with SOCI 4391 or SOCI 4393. Prerequisites: SOCI 3320 and SOCI 3330.

4393. Directed Research in Sociology. 3(3-0)

This is an opportunity for outstanding sociology students who will be able to acquire hands-on research experience by conducting research under the direction of a faculty member. Prerequisites: SOCI 3320 and SOCI 3330, cumulative gpa of 3.0 or higher and instructor's approval. Three hours of SOCI 4391 may be used in place of SOCI 4392 with instructor approval.

SPANISH (SPAN)**1311. Elementary Spanish I. 3(3-0)**

An introductory course teaching the fundamentals of Spanish in order to develop listening, speaking, reading and writing abilities. Prerequisite: None.

1312. Elementary Spanish II. 3(3-0)

Continuation of SPAN 1311. Prerequisite: SPAN 1311 or departmental approval.

2311. Intermediate Spanish I. 3(3-0)

A review of Spanish grammar and expansion of basic language skills. Selected readings by Hispanic writers. Conducted in Spanish. Prerequisite: SPAN 1312 or two or more years of high school Spanish with departmental approval.

2312. Intermediate Spanish II. 3(3-0)

Continuation of SPAN 2311. Conducted in Spanish. Prerequisite: SPAN 2311.

2320. Introduction to Spanish-Language Literature. 3(3-0)

This course introduces students to the literature of Spanish-speaking cultures, from the Spanish Peninsula and the Americas. Prerequisite: ENGL 1301.

3301. Advanced Spanish Grammar (3-0)

A review of the basic principles of Spanish grammar to be followed by a detailed study of the finer points of grammar and syntax. Prerequisite: SPAN 2312.

3302. Spanish Composition (3-0)

Literary and technical writing and composition; instruction and practice in basic writing; analysis of different literary prose pieces as models for writing. Conducted in Spanish. Prerequisite: SPAN 2312.

3311. Professional Spanish (3-0)

Enables students to interact and work effectively with the international and domestic Spanish-speaking medical, legal, and business worlds. Emphasizes interaction between both English-speaking and Spanish-speaking professional communities and within the Spanish-speaking professional community. Prerequisite: SPAN 2312.

3321. Survey of Spanish Peninsular Literature (3-0)

The history of Spanish literature from its beginning to the present. Conducted in Spanish. Prerequisite: SPAN 2312.

3361. Survey of Spanish-American Literature (3-0)

The history of Spanish-American literature from its beginning to the present. Conducted in Spanish. Prerequisite: SPAN 2312.

4319. Hispanic Culture (3-0)

Survey of Hispanic culture. Main aspects of culture as found in Spain, Spanish America and the Hispanic communities in the U.S.A. Conducted in Spanish. Prerequisite: SPAN 2312.

4320. Topics in Spanish Literature (3-0)

Topics in Spanish-American and Spanish Peninsular literature. Conducted in Spanish. May be repeated as topics change. Prerequisite: SPAN 2312.

SOUTHWEST BORDERLANDS STUDIES (SWBS)

2301. Texas History. 3(3-0)

Spanish background, Anglo-American settlement, the Revolution and Republic, statehood; economic, cultural and political development. Prerequisites: HIST 1301 and HIST 1302. Cannot receive credit for both HIST 2301 and SWBS 2301.

3357. Borderlands Security Issues. 3(3-0)

Examines cultural, historical, biographical, political, economic, crime and violence related border security and protection issues that influence criminal justice organizations, the criminal justice system, and national security. Cannot receive credit for both CRIM 3357 and SWBS 3357.

4342. Social and Natural Systems of the US-Mexico Border. 3(3-0)

This course investigates the interaction of human society and the natural environment along the US-Mexico border. Issues such as population growth, resource use, economic development, and environmental degradation will be covered in the context of the border region. Prerequisite: SOCI 1301. Cannot receive credit for both SOCI 4343 and SWBS 4342.

4347. American Frontier. 3(3-0)

The influence of successive frontiers upon American political, economic and social development from the earliest settlements to 1890. Prerequisites: HIST 1301 and HIST 1302. Cannot receive credit for both HIST 4347 and SWBS 4347.

4348. History of the Mexican-American in the Southwest. 3(3-0)

A survey from the first Spanish settlers to the present. Prerequisite: 12 semester hours of History and/or Political Science. Prerequisites: HIST 1301 and HIST 1302. Cannot receive credit for both HIST 4348 and SWBS 4348.

4355. The Government and Politics of Mexico. 3(3-0)

The structures, functions and processes of the political system of Mexico. Prerequisites: POLS 2305 and POLS 2306. Cannot receive credit for both POLS 4355 and SWBS 4355.

4356. Mexico. 3(3-0)

Political, economic and social history of Mexico from pre-Columbian times to the present. Emphasis on the last century. Prerequisites: HIST 1301 and HIST 1302. Cannot receive credit for both HIST 4356 and SWBS 4356.

4365. Introduction to Southwest Borderlands Studies. 3(3-0)

A survey of the multidimensional and interdependent nature of the United States-Mexico regional interaction and development. A focus on southwest borderlands dynamics which impact upon culture, social institutions, ecological and demographic characteristics. Prerequisite: SOCI 1301. Cannot receive credit for both SOCI 4365 and SWBS 4365.

4370. Special Studies in Political Science. 3(3-0)

An intensive examination of special topics of study in political science. Course may be repeated for credit when the topic of study changes. Prerequisites: POLS 2305 and POLS 2306. Cannot receive credit for both POLS 4370 and SWBS 4370.

4380. Crucial Topics in United States History. 3(3-0)

Intensive seminar on a specialized topic in United States history, culminating in the production of a significant research paper. May be repeated for credit as topic changes. Prerequisites: HIST 1301 and HIST 1302. Cannot receive credit for both HIST 4380 and SWBS 4380.

4385. Latina/o Literature. 3(3-0)

Study of multicultural literatures based on a selected period, nationality, and/or issue. Can be team-taught from an interdisciplinary perspective. Prerequisites: ENGL 1301 and ENGL 1302. Cannot receive credit for both ENGL 4385 and SWBS 4385.

4392. Crucial Topics in Latin American History. 3(3-0)

Intensive seminar on a specialized topic in Latin American history, culminating in the production of a significant research paper. May be repeated for credit as the topic changes. Prerequisites: HIST 1301 and HIST 1302. Cannot receive credit for both HIST 4392 and SWBS 4392.

SPEECH (SPCH)

1315. Fundamentals of Public Speaking. 3(3-0)

An introductory course to develop the student's skills, knowledge, and understanding of the public speaking process. Topics include the principles of reasoning, audience analysis, collection of materials, outlining, and delivery. Emphasis is on the oral presentation of well-prepared speeches, using computer technology when appropriate.

1318. Interpersonal Communication. 3(3-0)

This course focuses on the theories and exercises in verbal and nonverbal communication with focus on interpersonal relationships. Students improve their interpersonal skills by examining issues involving: language, nonverbal communication, culture, listening, conflict resolution, and self-concept.

WOMEN'S AND GENDER STUDIES (WGST)

2356. Gender in Society. 3(3-0)

This course offers an investigation of the effects of social structure and institutions on gender role formation and maintenance, how gender roles have changed and the effects of those changes, and the continuing power of gender roles. Credit may not be obtained in SOCI 2356 and WGST 2356.

3321. Intimate Relationships. 3(3-0)

This course covers issues involved in both intimate and platonic close relationships, with an emphasis on intimate relationships, and includes attraction, love, communication, sexuality, power, and dissolution. Current and classic research associated with all aspects of relations will be considered. Credit may not be obtained in both PSYC 3321 and WGST 3321. Prerequisite: PSYC 2301.

3322. Gender Issues. 3(3-0)

Consideration of physiological and social-learning origins of sex differences and psychological theories of sex-stereotyped and sexual behavior. Topics may include androgyny versus sex-typed behavior, gender dysfunction, origins of sex stereotypes, sexual preferences, and sex differences in reasoning styles, aggression, sexual behavior, personality, and psychopathology. Credit may not be obtained in both PSYC 3322 and WGST 3322. Prerequisite: PSYC 2301.

3350. Marriage and Family. 3(3-0)

In this course students will explore the location and role of family in social structure, the functions of marriage and family, and the ways in which this critical social institution has adapted and reflects larger social changes. Credit may not be obtained in both SOCI 3350 and WGST 3350. Prerequisites: SOCI 1301 or both ENGL 1301 and ENGL 1302.

3360. Inequality and Social Stratification. 3(3-0)

In this course students will explore the causes of, explanations for and consequences of inequality; how inequality is perpetuated or modified; class consciousness; and major axes of stratification. Credit may not be obtained in both SOCI 3360 and WGST 3360. Prerequisites: SOCI 1301 or both ENGL 1301 and ENGL 1302.

4300. Minority Women in US Society. 3(3-0)

In this class students will explore the complex patterns of identity based on gender, race, and citizenship and the intersection of these and other aspects of status and identity. Credit may not be obtained in both SOCI 4363 and SOCI 4364. Credit may not be obtained in both SOCI 4363 and WGST 4300. Prerequisites: SOCI 1301 or both ENGL 1301 and ENGL 1302.

4351. Family as an Economic Unit. 3(3-0)

This course focuses on the effect of economic systems and inequality on families; how families perpetuate economic systems and social inequalities; how workforce changes and economic cycles affect families; and facts and myths of individual and family economic choices. Credit may not be obtained in both SOCI 4351 and WGST 4351. Prerequisites: SOCI 1301 or both ENGL 1301 and ENGL 1302.

4360. Women in History. 3(3-0)

Investigation of the social, economic and political position of women from the Renaissance to contemporary America and a comparison of the ideal expounded by different historical epochs with woman's actual role in each society. (Credit may not be obtained in both HIST 4360 or WGST 4360.) Prerequisites: HIST 1301 and HIST 1302.

4364. Women and Politics. 3(3-0)

Description, analysis and assessment of women's place in a democracy through a focus on women's capacity to relate to and use political power. Credit may not be obtained in both POLS 4364 and WGST 4364. Prerequisites: POLS 1301, ENGL 1301 and ENGL 1302.

4366. Childhood in America. 3(3-0)

A survey of the history of children, childhood, and youth in the US and global context. Examines the historical

experiences of children and youth, as well as changing ideas about childhood and adolescence, across historical periods. Credit may not be obtained in both HIST 4366 and WGST 4366. Prerequisites: HIST 1301 and HIST 1302.

4370. Special Topics in Literature or Language. 3(3-0)

Selected topics in British or American literature and/or world literature and language. A topic for intensive investigation will be selected for each offering of the course. May be repeated once for credit. Credit may not be obtained in both ENGL 4370, and, when topic is taught from a women's studies perspective, WGST 4370. Prerequisites: ENGL 2320, ENGL 4312 or ENGL 4315.

4375. Studies in Women's Literature. 3(3-0)

Study of women's literature based on a selected period, nationality, and/or issue. Can be team-taught from an interdisciplinary perspective. Credit may not be obtained in both ENGL 4375 and WGST 4375. Prerequisites: ENGL 2320, ENGL 4312 or ENGL 4315.

4399. Selected Topics in Women's Studies. 3(3-0)

These courses offer limited sections in areas not covered in depth in other available courses. May be repeated for a total of nine semester hours. May require instructor approval.

UNIVERSITY REQUIREMENTS (UNIV)

1101. Jaguar Tracks I. 1(1-0)

The focus of this course is discovering students' place on campus where students will demonstrate knowledge of university services and resources, develop self-awareness and personal responsibility, and become active members of the campus community.

2101. Jaguar Tracks II. 1(1-0)

The focus of this course is discovering globalization and diversity through the lens of theme-based curriculum where students will demonstrate knowledge of diverse points of view, develop global perspective, and become active members of the broader community. Prerequisite: 30 or more earned academic semester credit hours.

3101. Jaguar Tracks III. 1(1-0)

The focus of this course is discovering students' place in a disciplinary discussion where students will demonstrate knowledge of discipline-specific resources, develop major issues within the discipline, and become active members of the community within the discipline. Prerequisite: 60 or more earned academic semester credit hours.

4101. Jaguar Tracks IV. 1(1-0)

The focus of this course is discovering students' place in a professional field where students will demonstrate knowledge of professional expectations and resources, demonstrate growth over their university experience, and become active members in their profession. Prerequisite: 90 or more earned academic semester credit hours.