

2018-2019 University Catalog



TEXAS A&M UNIVERSITY-SAN ANTONIO



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www.tamusa.edu

Texas A&M University-San Antonio University Catalog 2018-2019

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 2018-2019

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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 2018-2019 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 2018-August 2019. 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/emergencynotifications/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.

Main Campus Location

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. Texas A&M University-San Antonio is located on approximately 700 acres southeast of the intersection of Loop 410 and S. Zarzamora. The address is: One University Way, San Antonio, TX 78224

Mission of the University

A&M-San Antonio is reflective of the diverse and heritage rich community it serves. University and community partnerships provide a strong foundation for student and academic success and support interdisciplinary teaching and experiential learning. Faculty and staff collaborate to create comprehensive, industry-responsive academic and co-curricular programs that provide a transformative experience for all students. The University's inclusive environment inspires learning and fosters social development using relevant scholarship, research and public service. A&M-San Antonio graduates leave well-equipped with knowledge and marketable skills that prepare them for rewarding careers, responsible global citizenship and lifelong learning.

TEXAS A&M UNIVERSITY-SAN ANTONIO

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A Member of The Texas A&M University System

John Sharp, *Chancellor*

University Administration

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Extension 1600; Central Academic Building, Suite 410

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Texas A&M University-San Antonio Academic Calendar: 2018-2019

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

Fall 2018: Regular 16-week Fall Session		
August 6	Monday	Tuition & fee payment deadline for students registered prior to August 2.
August 8	Wednesday	Drop for non-payment for students registered prior to August 2. Students dropped on this date will be subject to a 24-hour registration hold.
August 16	Thursday	Tuition & fee payment deadline for students registered August 3 rd and later. A \$35 fee will be assessed for paying after this date.
August 20	Monday	CONVOCATION
August 21	Tuesday	Drop for non-payment for students registered August 3 rd and later. Students dropped on this date will be subject to a 24-hour registration hold.
August 22	Wednesday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
August 23	Thursday	CLASSES BEGIN
August 25	Saturday	Weekend classes begin
August 31	Friday	Last day to register for Fall 16-Week Session
September 3	Monday	Labor Day Holiday – A&M-SA Closed Weekend classes will meet
September 10	Monday	Census Date
September 10	Monday	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 10	Monday	Last day for students to apply for Fall 2018 graduation
September 11	Tuesday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
September 13	Thursday	Application for Spring 2019 graduation can be submitted
September 27	Thursday	Fall 2018 Graduation Application Fee Payment Deadline
October 26	Friday	Last day to drop with an automatic “W”
October 29	Monday	Title IV 60% of semester (Financial Aid)
November 21-25	Wednesday-Saturday	Thanksgiving Holiday – No Classes
December 3	Monday	Application for Summer 2019 Graduation can be submitted
December 5	Wednesday	Last day to drop a course or withdraw from the University.
December 6-7	Thursday-Friday	READING DAYS
December 8	Saturday	Last day of Scheduled Classes
December 10-15	Monday-Saturday	Final Examinations – See your A&M-SA catalog for schedule
December 15	Saturday	End of Fall Semester
December 18	Tuesday	Commencement
December 18	Tuesday	All grades for Fall 16-week session due by Noon via Jagwire
December 24- January 1	Monday-Tuesday	Winter Break – A&M-SA Closed

Fall 2018: Fall Flex I Session (First 8-weeks)		
August 6	Monday	Tuition & fee payment deadline for students registered prior to August 2.
August 8	Wednesday	Drop for non-payment for students registered prior to August 2. Students dropped on this date will be subject to a 24-hour registration hold.
August 16	Thursday	Tuition & fee payment deadline for students registered August 3 rd and later. A \$35 fee will be assessed for paying after this date.
August 21	Tuesday	Drop for non-payment for students registered August 3 rd and later. Students dropped on this date will be subject to a 24-hour registration hold.
August 22	Wednesday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
August 23	Thursday	CLASSES BEGIN
August 29	Wednesday	Last day to register for Fall Flex I Session
August 30	Thursday	Census Date
August 31	Friday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
September 3	Monday	Labor Day Holiday – A&M-SA Closed Weekend classes will meet
September 10	Monday	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 10	Monday	Last day for students to apply for Fall 2018 graduation
September 13	Thursday	Application for Spring 2019 graduation can be submitted
September 27	Thursday	Title IV 60% of semester (Financial Aid)
September 27	Thursday	Last day to drop with an automatic “W”
October 12	Friday	Last day to drop a course or withdraw from the University
October 16	Tuesday	Last day of Scheduled Classes
October 17-20	Wednesday-Saturday	Final Examinations – See your A&M-SA catalog for schedule
October 20	Saturday	End of Fall Flex I
October 24	Wednesday	All grades for Fall Flex I session due by Noon via Jagwire
Fall 2018: Fall Flex II Session (Second 8-weeks)		
October 15	Monday	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
October 18	Thursday	Drop for Non-Payment
October 19	Friday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
October 22	Monday	CLASSES BEGIN
October 26	Friday	Last day to register for Fall Flex II Session
October 29	Monday	Census date
October 30	Tuesday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
November 16	Friday	Last day to drop with an automatic “W”
November 21-24	Wednesday-Saturday	Thanksgiving Holiday – No Classes
November 26	Monday	Title IV 60% of semester (Financial Aid)
December 7	Friday	Last day to drop a course or withdraw from the University
December 8	Saturday	Last day of Scheduled Classes
December 12-15	Wednesday-Saturday	Final Examinations – See your A&M-SA catalog for schedule
December 15	Saturday	End of Fall Flex II Session
December 18	Tuesday	All grades for Fall Flex II session due by Noon via Jagwire
December 24- January 1	Monday-Tuesday	Winter Break – A&M-SA Closed

Fall 2018: Fall First 5-week Session		
August 6	Monday	Tuition & fee payment deadline for students registered prior to August 2.
August 8	Wednesday	Drop for non-payment for students registered prior to August 2. Students dropped on this date will be subject to a 24-hour registration hold.
August 16	Thursday	Tuition & fee payment deadline for students registered August 3 rd and later. A \$35 fee will be assessed for paying after this date.
August 21	Tuesday	Drop for non-payment for students registered August 3 rd and later. Students dropped on this date will be subject to a 24-hour registration hold.
August 22	Wednesday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
August 23	Thursday	CLASSES BEGIN
August 27	Monday	Last day to register for Fall First 5-week Session
August 28	Tuesday	Census Date
August 29	Wednesday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
September 3	Monday	Labor Day Holiday – A&M-SA Closed Weekend classes will meet
September 10	Monday	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 10	Monday	Last day for students to apply for Fall 2018 graduation
September 13	Thursday	Application for Spring 2019 graduation can be submitted
September 14	Friday	Last day to drop with an automatic “W”
September 14	Friday	Title IV 60% of semester (Financial Aid)
September 27	Thursday	Last day to drop a course or withdraw from the University
September 27	Thursday	Last day of Scheduled Classes
September 28-29	Friday-Saturday	Final Examinations – See your A&M-SA catalog for schedule
September 29	Saturday	End of Fall First 5-week session
October 2	Tuesday	All grades for Fall First 5-week Session due by Noon via Jagwire
Fall 2018: Fall Second 5-week Session		
September 24	Monday	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
September 27	Thursday	Drop for Non-Payment
September 28	Friday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
October 1	Monday	CLASSES BEGIN
October 3	Wednesday	Last day to register for Fall Second 5-week Session
October 4	Thursday	Census date
October 5	Friday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
October 19	Friday	Last day to drop with an automatic “W”
October 22	Monday	Title IV 60% of semester (Financial Aid)
October 26	Friday	Last day to drop a course or withdraw from the University
November 1	Thursday	Last day of Scheduled Classes
November 2-3	Friday-Saturday	Final Examinations – See your A&M-SA catalog for schedule
November 3	Saturday	End of Fall Second 5-week Session
November 6	Tuesday	All grades for Fall Second 5-week session due by Noon via Jagwire

Fall 2018: Fall Third 5-week Session		
October 29	Monday	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
November 1	Thursday	Drop for Non-Payment
November 2	Friday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
November 5	Monday	CLASSES BEGIN
November 7	Wednesday	Last day to register for Fall Third 5-week Session
November 8	Thursday	Census date
November 9	Friday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
November 16	Friday	Last day to drop with an automatic "W"
November 21-24	Wednesday-Saturday	Thanksgiving Holiday – No Classes – (All admin offices Closed Thursday – Saturday)
December 3	Monday	Title IV 60% of semester (Financial Aid)
December 7	Friday	Last day to drop a course or withdraw from the University
December 13	Thursday	Last day of Scheduled Classes
December 14-15	Friday-Saturday	Final Examinations – See your A&M-SA catalog for schedule
December 15	Saturday	End of Fall Third 5-week Session
December 18	Tuesday	All grades for Fall Third 5-week session due by Noon via Jagwire
December 24- January 1	Monday-Tuesday	Winter Break – A&M-SA Closed
Spring 2019: Regular 16-week Fall Session		
January 2	Wednesday	A&M-SA Opens
January 7	Monday	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
January 10	Thursday	Drop for Non-Payment
January 11	Friday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
January 14	Monday	CLASSES BEGIN
January 19	Saturday	Weekend Classes Begin
January 21	Monday	Martin Luther King Day – A&M-SA Closed
January 22	Tuesday	Last day to register for Spring 16-week Session
January 30	Wednesday	Census Date
January 30	Wednesday	Deadline for students who have applied for Spring 2019 graduation to complete Change of Name and/or Change of Major form(s) at the Welcome Center
January 30	Wednesday	Last day for students to apply for Spring 2019 graduation
January 31	Thursday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
February 6	Wednesday	Last day for students to apply for Summer 2019 graduation and participate in Spring 2019 Commencement ceremony
February 20	Wednesday	Spring 2019 Graduation Application Fee Payment Deadline
March 5	Tuesday	Application for Fall 2019 Graduation can be submitted
March 11-17	Monday-Sunday	Spring Break (All admin. Offices will be closed Thursday and Friday)
March 29	Friday	Last day to drop with an automatic "W"
April 1	Monday	Title IV 60% (Financial Aid)
May 3	Friday	Last day to drop a course or withdraw from the University
May 4	Saturday	Last day of Scheduled Classes
May 6-7	Monday-Tuesday	READING DAYS
May 8-14	Wednesday-Tuesday	Final Examinations – See your A&M-SA catalog for schedule
May 14	Tuesday	End of Spring Semester
May 17	Friday	All grades for Spring 16-week session due by Noon via Jagwire
May 17	Friday	Spring Commencement

Spring 2019: Spring Flex I Session (First 8-weeks)		
January 2	Wednesday	A&M-SA Opens
January 7	Monday	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
January 10	Thursday	Drop for Non-Payment
January 11	Friday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
January 14	Monday	CLASSES BEGIN
January 18	Friday	Last day to register for Spring Flex I Session
January 21	Monday	Martin Luther King Day – A&M-SA Closed
January 22	Tuesday	Census Date
January 23	Wednesday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
January 30	Wednesday	Deadline for students who have applied for Spring 2019 graduation to complete Change of Name and/or Change of Major form(s) at the Welcome Center
January 30	Wednesday	Last day for students to apply for Spring 2019 graduation
January 30	Wednesday	Last day for students to apply for Summer 2019 graduation and participate in Spring 2019 Commencement ceremony
February 15	Friday	Last day to drop with an automatic “W”
February 18	Monday	Title IV 60% of semester (Financial Aid)
February 20	Wednesday	Spring Graduation Application Fee Payment Deadline
March 1	Friday	Last day to drop a course or withdraw from the University
March 5	Tuesday	Application for Fall 2019 Graduation can be submitted
March 5	Tuesday	Last day of Scheduled Classes
March 6-9	Wednesday-Saturday	Final Examinations – See your A&M-SA catalog for schedule
March 9	Saturday	End of Spring Flex I
March 13	Wednesday	All grades for Spring Flex I session due by Noon via Jagwire
Spring 2019: Spring Flex II Session (Second 8-weeks)		
March 11	Monday	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
March 13	Wednesday	Drop for Non-Payment Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
March 11 - 17	Monday - Sunday	Spring Break (All admin. Offices will be closed Thursday and Friday)
March 18	Monday	CLASSES BEGIN
March 22	Friday	Last day to register for Spring Flex II Session
March 25	Monday	Census date
March 26	Tuesday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
April 17	Wednesday	Last day to drop with an automatic “W”
April 22	Monday	Title IV 60% of semester (Financial Aid)
May 3	Friday	Last day to drop a course or withdraw from the University
May 7	Tuesday	Last day of Scheduled Classes
May 8-11	Wednesday-Saturday	Final Examinations – See your A&M-SA catalog for schedule
May 11	Saturday	End of Spring Flex II
May 14	Tuesday	All grades for Spring Flex II session due by Noon via Jagwire
May 17	Friday	Spring 2019 Commencement

Spring 2019: Spring First 5-week Session		
January 2	Wednesday	A&M-SA Opens
January 7	Monday	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
January 10	Thursday	Drop for Non-Payment
January 11	Friday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
January 14	Monday	CLASSES BEGIN
January 16	Wednesday	Last day to register for Spring First 5-week Session
January 17	Thursday	Census Date
January 18	Friday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
January 21	Monday	Martin Luther King Day – A&M-SA Closed
January 30	Wednesday	Deadline for students who have applied for Spring 2019 graduation to complete Change of Name and/or Change of Major form(s) at the Welcome Center
January 30	Wednesday	Last day for students to apply for Spring 2019 graduation
January 30	Wednesday	Last day for students to apply for Summer 2019 graduation and participate in Spring 2019 Commencement ceremony
February 1	Friday	Last day to drop with an automatic “W”
February 4	Monday	Title IV 60% of semester (Financial Aid)
February 8	Friday	Last day to drop a course or withdraw from the University
February 14	Thursday	Last day of Scheduled Classes
February 15-16	Friday-Saturday	Final Examinations – See your A&M-SA catalog for schedule
February 16	Saturday	End of Spring First 5-week session
February 19	Tuesday	All grades for Spring Flex I session due by Noon via Jagwire
Spring 2019: Spring Second 5-week Session		
February 11	Monday	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
February 14	Thursday	Drop for Non-Payment
February 15	Friday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
February 18	Monday	CLASSES BEGIN
February 20	Wednesday	Last day to register for Spring Second 5-week Session
February 21	Thursday	Census date
February 22	Friday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
March 8	Friday	Last day to drop with an automatic “W”
March 11-17	Monday-Sunday	Spring Break (All admin. Offices will be closed Thursday and Friday)
March 18	Monday	Title IV 60% of semester (Financial Aid)
March 22	Friday	Last day to drop a course or withdraw from the University
March 28	Thursday	Last day of Scheduled Classes
May 29-30	Friday-Saturday	Final Examinations – See your A&M-SA catalog for schedule
March 30	Saturday	End of Spring Second 5-week session
April 2	Tuesday	All grades for Spring Second 5-week session due by Noon via Jagwire

Spring 2019: Spring Third 5-week Session		
March 25	Monday	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
March 28	Thursday	Drop for Non-Payment
March 29	Friday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
April 1	Monday	CLASSES BEGIN
April 3	Wednesday	Last day to register for Spring Third 5-week Session
April 4	Thursday	Census date
April 5	Friday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
April 19	Friday	Last day to drop with an automatic "W"
April 22	Monday	Title IV 60% of semester (Financial Aid)
April 26	Friday	Last day to drop a course or withdraw from the University
May 2	Thursday	Last day of Scheduled Classes
May 3-4	Friday-Saturday	Final Examinations – See your A&M-SA catalog for schedule
May 4	Saturday	End of Spring Third 5-week session
May 14	Tuesday	All grades for Spring Third 5-week session due by Noon via Jagwire
May 17	Friday	Spring 2019 Commencement
Summer 2019: Maymester Session 2019		
May 6	Monday	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
May 9	Thursday	Drop for Non-Payment
May 14	Tuesday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
May 15	Wednesday	CLASSES BEGIN
May 16	Thursday	Census Date – No registration beyond this point
May 17	Friday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
May 23	Thursday	Title IV 60% of semester (Financial Aid)
May 27	Monday	Memorial Day – A&M-SA Closed
May 28	Tuesday	Last day to drop a course or withdraw from the University
May 31	Friday	Last day of classes and Final Examinations
May 31	Friday	End of Session
June 3	Monday	All grades for Maymester session due by Noon via Jagwire
Summer 2019: Summer 10-week Session		
June 3	Monday	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
June 6	Thursday	Drop for Non-Payment
June 7	Friday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
June 10	Monday	Classes Begin
June 14	Friday	Last day to register for Summer 10-week Session
June 18	Tuesday	Deadline for students who have applied for Summer 2019 graduation to complete Change of Name and/or Change of Major form(s) at the Welcome Center
June 18	Tuesday	Last day for students to apply for Summer 2019 graduation and participate in Fall 2019 Commencement Ceremony
June 25	Tuesday	Census Date
June 26	Wednesday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
July 1	Monday	Summer 2019 Graduation Application Fee Payment Deadline
July 4	Thursday	Independence Day Holiday – A&M-SA Closed
July 19	Friday	Last day to drop with an automatic "W"
July 22	Monday	Title IV 60% of semester (Financial Aid)
August 1	Thursday	Last day to drop a course or withdraw from the University
August 13	Tuesday	Last day of Scheduled Classes
August 14-17	Wednesday-Saturday	Final Examinations
August 17	Saturday	End of Summer 10-week Session
August 20	Tuesday	All grades for Summer 10 week session due by noon via Jagwire

Summer 2019: Summer 8-week Session		
June 3	Monday	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
June 6	Thursday	Drop for Non-Payment
June 7	Friday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
June 10	Monday	Classes Begin
June 14	Friday	Last day to register for Summer 8-week Session
June 17	Monday	Census Date
June 18	Tuesday	Deadline for students who have applied for Summer 2019 graduation to complete Change of Name and/or Change of Major form(s) at the Welcome Center
June 18	Tuesday	Last day for students to apply for Summer 2019 graduation and participate in Fall 2019 Commencement Ceremony
June 18	Tuesday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
July 1	Monday	Summer 2019 Graduation Application Fee Payment Deadline
July 4	Thursday	Independence Day Holiday – A&M-SA Closed
July 15	Monday	Title IV 60% of semester (Financial Aid)
July 16	Tuesday	Last day to drop with an automatic “W”
July 26	Friday	Last day to drop a course or withdraw from the University
July 30	Tuesday	Last day of Scheduled Classes
July 31-Aug 3	Wednesday-Saturday	Final Examinations
August 3	Saturday	End of 8 week Session
August 6	Tuesday	All grades for Summer 8-week session due by noon via Jagwire
Summer 2019: First Summer Session (5-weeks)		
June 3	Monday	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
June 6	Thursday	Drop for Non-Payment
June 7	Friday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
June 10	Monday	Classes Begin
June 12	Wednesday	Last day to register for First Summer 5-week Session
June 13	Thursday	Census Date
June 14	Friday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
June 18	Tuesday	Deadline for students who have applied for Summer 2019 graduation to complete Change of Name and/or Change of Major form(s) at the Welcome Center
June 18	Tuesday	Last day for students to apply for Summer 2019 graduation and participate in Fall 2019 Commencement Ceremony
June 21	Friday	Last day to drop with an automatic “W”
July 1	Monday	Title IV 60% of semester (Financial Aid)
July 1	Monday	Summer Graduation Application Fee Payment Deadline
July 1	Monday	Last day to drop a course or withdraw from the University
July 4	Thursday	Independence Day Holiday – A&M-SA Closed
July 10	Wednesday	Last day of Scheduled Classes
July 13	Saturday	Final Examinations
July 13	Saturday	End of First Summer 5 week Session
July 16	Tuesday	All grades for First Summer 5-week session due by noon via Jagwire

Summer 2019: Second Summer Session (5-weeks)		
July 8	Monday	Tuition & Fee payment deadline. A \$35 fee will be assessed for paying after this date.
July 11	Thursday	Drop for non-payment
July 12	Friday	Last Day of students withdrawing to receive 100% refund and responsible for 0% of tuition
July 15	Monday	Classes Begin
July 17	Wednesday	Last day to register for Second Summer 5-week Session
July 18	Thursday	Census Date
July 19	Friday	Students dropped for Non-Payment will be assessed a \$363 Reinstatement Fee if reinstating on or after this date
August 2	Friday	Last day to drop with an automatic "W"
August 5	Monday	Title IV 60% of semester (Financial Aid)
August 9	Friday	Last day to drop a course or withdraw from the University
August 14	Wednesday	Last day of Scheduled Classes
August 15-17	Thursday-Saturday	Final Examinations
August 17	Saturday	End of Second Summer 5-week session
August 20	Tuesday	All grades for Second Summer 5-week session due by Noon via Jagwire

ADMISSIONS

Melinda Thomas, Director of Admissions

Senator Frank L. Madla Building

(210)784-1300

<http://www.tamusa.edu/admissions/>

For questions: BeAJaguar@tamusa.edu

For the submission of admission documents: Admissions@tamusa.edu

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.

Applicants should answer questions on the admission application 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 and 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, application fee, and official transcripts from all previous academic work. Completed applications are processed in the order in which they are made complete. Applicants are typically informed of their admission decision within two to three weeks from the point of completion. Incomplete applications will not be processed and will be withdrawn by the university after the census date for the term. Admission decision processing turnaround times may vary as deadlines approach.

Information concerning all aspects of the admissions process will be mailed 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. *Students who do not enroll for the term in which they are admitted are required to reapply, must pay an additional application fee, may need to submit updated transcripts and will be re-evaluated to determine admissibility.*

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. Each application submitted incurs a required non-refundable application fee, regardless of completion status or admission decision. It is recommended that payment be submitted via the ApplyTexas application. However, payment is also 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 Fee Waivers

Students may qualify for an admissions application fee waiver. Please note that checking off the application fee waiver indicator on the ApplyTexas application does not automatically waive application fees.

Appropriate documentation is required to be eligible for an application fee waiver (i.e. ACT waiver, SAT waiver). Other waivers may be considered and will be reviewed upon submission. These items can be submitted to the Office of Admissions via fax, mail, or in person. Applicants who do not submit waiver documentation or do not qualify for a waiver will be responsible for application fee payment.

Application and Transcript Submission

A student must complete the ApplyTexas application online at applytexas.org. In cases where multiple applications are submitted, the application submitted most recently, regardless of term or type, will void all previously submitted applications. Applicants must submit official transcripts from all institutions attended. To be considered official, transcripts should have: an original signature of a school official and/or the school seal, must be printed within a year of the submission date, must be received directly from the sending institution, or hand-delivered in a sealed envelope from the sending institution. Additionally, the Office of Admissions accepts electronic documents as official when sent via a secure electronic transcript service (i.e. E-scrip, National Student Clearinghouse, Parchment, Trans Networks). High school transcripts are accepted from the school's registrar or counselor through the Texas Records Exchange (TREx). Home school transcripts must be notarized in order to be considered official, and the notarization must be on the transcript and not on a separate attachment. Final high school transcripts can be dated over one year from the print date as long as it has an original signature of a school official and/or the school seal, is received directly from the sending institution, or is hand-delivered in a sealed envelope from the sending institution.

Foreign Documents and Credits

Domestic applicants who have prior course work from a foreign college or university will be required to submit a course-by-course foreign credential evaluation from one of the five agencies designated in the International Admissions section. Foreign transcripts are not required.

Applicants who have participated in a study abroad program may also be required to submit a course-by-course foreign credential evaluation from one of the five agencies designated in the International Admissions section.

Freshman Admission Procedure

First-time freshmen applicants are students who have not been enrolled in any college-level institution except while still in high school. 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 Priority	January 15
Fall Final Deadline	June 30
Spring Priority	October 1
Spring Final Deadline	December 1
Summer Priority	April 1
Summer Final Deadline	April 30

The application will not be accepted after the final deadline date. Supporting documents to complete admission files must be received by 5 p.m. on the date of the final deadline. Deadlines that fall on a weekend or holiday will be extended to the following business day. Applications that are not completed by the final deadline will not be processed for an admission decision for that application term and will be withdrawn by the university.

Applicants must request an official transcript indicating grades at least through the applicant's junior year. The transcript should include: current class rank, GPA, diploma program, and completed, or if necessary, in progress coursework that will be completed through the senior year. Any student who has graduated from high school at the time of application submission must provide an official final high school transcript which includes: date of graduation, final class rank, GPA, diploma program, and final grades from all courses taken. To be considered official, transcripts should have: an original signature of a school official and/or the school seal, must be printed

within a year of the submission date, must be received directly from the sending institution, or hand-delivered in a sealed envelope from the sending institution. Additionally, the Office of Admissions accepts electronic documents as official when sent via a secure electronic transcript service (i.e. E-scrip, National Student Clearinghouse, Parchment, Trans Networks). High school transcripts are accepted from the school's registrar or counselor through the Texas Records Exchange (TREx). Home school transcripts must be notarized in order to be considered official.

Students who do not enroll for the term in which they are admitted are required to reapply, must pay an additional application fee, may need to submit updated transcripts, and will be re-evaluated to determine admissibility.

Freshman Admission Requirements

State of Texas Uniform Admission 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 completed the distinguished level of achievement under the Foundation, Recommended, or Advanced High School Program from a Texas public high school as outlined under Texas Education Code, §28.025, as well as, 19 TAC §§74.63, 74.64, 74.73, and 74.74 (relating to the distinguished level of achievement under the Foundation, Recommended High School Program, or Distinguished Achievement High School Program--Advanced High School Program); Successfully completed a curriculum from a high school in Texas other than a public high school that is equivalent* in content and rigor to the distinguished level of achievement under the Foundation, the Recommended, or Advanced High School Program as outlined under subsection (c) of the State of Texas Uniform Admission Policy;
- Satisfied SAT or ACT's College Readiness Benchmarks

*Equivalencies must be determined by the high school counselor, or certifying official, using the High School Certification Form. If needed, form may be obtained from an A&M-SA Admission Counselor. The units of study and acceptable high school courses are:

- English: 4 Credits
- Science: 4 Credits Mathematics: 4 Credits
- Social Studies: 4 Credits Foreign Language: 2 Credits in one foreign language or American Sign Language.
- Physical Education - 1 credit

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 super scoring.

Automatic Admission

Applicants who rank in the top 25% of their high school class and have graduated or will graduate from an accredited U.S. high school with the distinguished level of achievement under the Foundation, Recommended, or Advanced High School Program type are automatically offered admission upon completion of their admission file. Applicants who qualify for automatic admission are not required to meet the minimum SAT or ACT score requirements, although official test 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 940 on the redesigned SAT (critical reading and math sections); 860 on the SAT taken prior to March 2016
ACT: Minimum composite score of 18

Admission Committee Review

Applicants who do not meet automatic or regular admission requirements may still be considered for admission 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 and internships
- Summer activities
- Experience surmounting obstacles to pursue higher education

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 may be required to submit these supplemental materials for the admission committee to review. These items may be submitted to the Office of Admissions by email at admissions@tamusa.edu or by mail:

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

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. For more information related to degree requirements, applicants are encouraged to speak to their Academic Advisor at New Student Orientation.

Admission Denial

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 June 30 (fall term), December 1 (spring term) or April 30 (summer terms). Submission of an appeal does not guarantee a change in the admission decision. Applicants who 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 2) A personal statement addressing the reason for the appeal and a plan for success at A&M-San Antonio and 3) Updated academic credential information (official high school transcript; test scores).

ACT Residual Testing

Texas A&M University-San Antonio (A&M-SA) offers alternative admission testing for applicants who 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 applicant takes the test. Therefore, the exam is only available to applicants 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. Students must schedule their appointment with the Testing Center and pay a non-refundable fee. Once scheduled, the Testing Center will work with the Office of Admissions to verify student's eligibility. 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 hours 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 Office of Admissions 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 applicants have graduated from high school and matriculated into a college/university. Developmental courses and vocational/technical courses are not considered academic and will not be transferable.

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 Priority	March 15
Fall Final	August 5
Spring Priority	November 1
Spring Final	December 20
Summer Priority	April 1
Summer	July 1

The application will not be accepted after the final deadline date. Supporting documents to complete admission files must be received by 5 p.m. on the date of the final deadline. Deadlines that fall on a weekend or holiday will be extended to the following business day. Applications that are not completed by the final deadline will not be processed for an admission decision for that application term and will be withdrawn by the university.

Freshmen Transfer

Freshmen transfer students with 29 semester credit hours or less (not including developmental courses) must meet the following admission criteria:

- Freshmen admissions requirements listed above
- Cumulative college transfer grade point average (GPA) of 2.0 on a 4.0 scale
- Must be eligible to return to all previously attended colleges or universities

Application Process

- Complete the online **transfer** application for admission for Texas A&M University-San Antonio at www.applytexas.org.

- Pay non-refundable \$15 application fee.
- Submit your official final high school transcript with graduation date posted
- Submit your official SAT or ACT scores.
- Submit official transcripts from ALL prior universities or colleges attended. Transcripts should not be dated more than one year old from the print date on the transcript. Transcripts should be sent via mail to:

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

If previous institutions participate in the sending of secure electronic transcripts (i.e. E-script, National Student Clearinghouse, Parchment, or Trans Networks), transcripts should be sent via email to: Admissions@tamusa.edu

Applications will not be evaluated until the above criteria have been met.

Transfer Students

Transfer students with 30 or more 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.
- Must be eligible to return to all previously attended colleges or universities

Application Process

- Complete the online **transfer** application for admission for Texas A&M University-San Antonio at www.applytexas.org.
- Pay non- refundable \$15 application fee.
- Submit official transcripts from ALL prior universities or colleges attended. Transcripts should not be dated more than one year old from the print date on the transcript. Transcripts should be sent via mail to:

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

If previous institutions participate in the sending of secure electronic transcripts (i.e. E-script, National Student Clearinghouse, Parchment, or Trans Networks), transcripts should be sent via email to: Admissions@tamusa.edu.

Students who do not enroll for the term in which they are admitted are required to reapply, must pay an additional application fee, may need to submit updated transcripts, and will be re-evaluated to determine admissibility.

Applications will not be evaluated until all official transcripts from previous colleges and/or universities are received and application fee payment has been made.

Transfer Admission Appeal

Applicants who were denied admission based on not meeting the 2.0 GPA admission requirements have the right to appeal the admissions decision. Appeals are evaluated on a case-by-case basis and will not be accepted after the final application deadline. Submission of an appeal does not guarantee a change in the admission decision. Transfer applicants who 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
- 2) A personal statement addressing reason for appeal and plan for success at A&M- San Antonio.

The Admissions Decision Appeal Form is available upon request to the Office of Admissions.

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 are only required to submit a **readmission** application and pay the \$15 application fee.

- Former students who have had a break in enrollment of more than one year from the university who have enrolled at another institution after leaving A&M-SA and who are in good academic standing at that institution, are required to submit a **readmission** application, pay the \$15 application fee, and must request official transcripts to 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 be readmitted.

Reinstated Students

Texas A&M-San Antonio students who have been academically dismissed 2 or more times or left as an Enforced Withdraw student must meet the following requirements:

- Apply online at applytexas.org.
- Pay a non-refundable application processing fee of \$15
- Submit official college transcripts from all institutions attended after leaving Texas A&M University-San Antonio
- Submit official high school transcript (if necessary)
- Submit Appeal for Undergraduate Reinstatement by petition deadline

Applications will not be evaluated until all official transcripts from previous colleges and/or Universities are received, application fee payment has been made, and the Appeal for Undergraduate Reinstatement has been submitted to the Office of Student Success.

Reinstatement Application Deadlines:

- Fall deadline: June 15
- Spring deadline: October 15
- Summer deadline: March 15

For further information on academic standing, please refer to the Scholastic Probation and Dismissal section of the catalog.

Post Baccalaureate Students

Applicants who have earned a bachelor's degree and now wish to pursue a second bachelor's degree. Must meet the following:

- Must have earned a bachelor's degree from a regionally accredited institution
- Cumulative college transfer grade point average (GPA) of 2.0 on a 4.0 scale.
- Must be eligible to return to all previously attended colleges or universities

Application Process

- Complete the online **transfer** application for admission for Texas A&M University-San Antonio at www.applytexas.org.
- Pay non- refundable \$15 application fee.
- Submit official transcripts from ALL prior universities or colleges attended. Transcripts should not be dated more than one year old from the print date on the transcript. Transcripts should be sent via mail to:
Texas A&M University-San Antonio
Office of Admissions
One University Way
San Antonio, TX 78224

If previous institutions participate in the sending of secure electronic transcripts (i.e. E-script, National Student Clearinghouse, Parchment, or Trans Networks), transcripts should be sent via email to: Admissions@tamusa.edu.

Students who do not enroll for the term in which they are admitted are required to reapply, must pay an additional application fee and will be re-evaluated to determine admissibility.

Applications will not be evaluated until all official transcripts from previous colleges and/or universities are received and application fee payment has been made.

Transient Students

Applicants who are not pursuing a degree at Texas A&M University-San Antonio, must meet the following criteria:

- Must be eligible to return to all previous colleges and universities

Application Process

- Complete the online **transient** application for admission for Texas A&M University-San Antonio at www.applytexas.org.
- Pay non-refundable \$15 application fee.
- Submit official transcript from most recent college or university attended. Transcript should not be dated more than one year old from the print date on the transcript.

Transcripts should be sent via mail to:

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

If previous institutions participate in the sending of secure electronic transcripts (i.e. E-script, National Student Clearinghouse, Parchment, or Trans Networks), transcripts should be sent via email to: Admissions@tamusa.edu.

Students who do not enroll for the term in which they are admitted are required to reapply, must pay an additional application fee, may need to submit updated transcripts, and will be re-evaluated to determine admissibility.

Applications will not be evaluated until the official transcript from most recent college or university attended is received and application fee payment has been made.

Transient students are admitted for one semester at a time. If continued enrollment is desired, students must reapply. Additionally, transient students are not eligible for financial assistance, must show proof of TSI compliance to register, do not have transfer coursework articulated, and may need to meet with an advisor for registration.

International Undergraduate Admissions

Sylvia Medel, Director of International Affairs
Senator Frank L. Madla Building
(210)784-1309

www.tamusa.edu/InternationalAffairs

For questions, and submission of documents: International.Affairs@tamusa.edu

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.

The Office of International Affairs (OIA) facilitates and oversees the admission process for Texas A&M University-San Antonio's international population. The OIA 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. In addition, 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.

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 and 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 OIA determine eligibility for admission.

Applications will be processed after all admission required documentation has been received. An application is considered to be complete only when the OIA has received all required documentation for admissions, including completed application through ApplyTexas.org, required test scores, application fee, foreign credentials, and official transcripts from all previous academic work as requested. Completed applications are processed in the order in which they are made complete. Applicants are typically informed of their admission decision within one week from the point of completion. Incomplete applications will not be processed and will be withdrawn by the university after the census date for the term. Admission decision processing turnaround times may vary as deadlines approach. We highly recommend students answer the questions on the application accurately.

Prospective students are strongly encouraged to apply early. Applicants who do not enroll for the term in which they are admitted are required to reapply, must pay an additional application fee and will be re-evaluated to determine admissibility.

International Undergraduate Admissions (General Information)

Application Fee

Applicants applying or reapplying to Texas A&M University-San Antonio are required to pay a non-refundable application fee of \$50.00. Each application submitted incurs a required non-refundable application fee, regardless of completion status or admission decision. It is recommended that payment be submitted via the ApplyTexas application. However, payment is also currently accepted in person (cash, card, check, money order or via mail by check, or money order). All payments should be sent directly to:

Student Business Services
Texas A&M University-San Antonio
Frank L. Madla Building located at room 135
One University Way
San Antonio, TX 78224

Application and Transcript Submission

A student must complete the ApplyTexas application online at applytexas.org. In cases where multiple applications are submitted, the application submitted most recently, regardless of term or type, will void all previously submitted applications. Applicants must submit official transcripts from all U. S. institutions attended in the United States or out of the United States. To be considered official, transcripts should have: an original signature of a school official and/or the school seal, must be printed within a year of the submission date, must be received directly from the sending institution, or hand-delivered in a sealed envelope from the sending institution. Additionally, the Office of International Affairs accepts electronic documents as official when sent via a secure electronic transcript service (i.e. E-scrip, National Student Clearinghouse, Parchment, and Trans Networks). Only U.S. High school transcripts are accepted from the school's registrar or counselor through the Texas Records Exchange (TREx). Home school transcripts must be notarized in order to be considered official. Final high school transcripts can be dated over one year from the print date as long as it has an original signature of a school official and/or the school seal, is received directly from the sending institution, or is hand-delivered in a sealed envelope from the sending institution.

Foreign Documents and Credits

Applicants who have prior course work from a foreign college or university will be required to submit a course-by-course foreign credential evaluation from an agency registered through the National Association of Credential Evaluation Services (NACES)

Applicants who have participated in a study abroad program may also be required to submit a course-by-course foreign credential evaluation from a NACES member agency.

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 registration, 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 340 and an essay score of at least a 4; OR
Placement score of less than 340, an ABE Diagnostic level of at least a 4, and an essay score of at least a 5.

International students have the option to take the exam from their home country through a virtual proctoring network. Please contact the A&M-San Antonio Testing Center at testing.center@tamusa.edu to inquire about this service. The fee for the completion of the assessment instrument will be paid by the student. Passing TSI scores are set by the Texas Higher Education Coordinating Board and are subject to change at any time. Please contact the Testing Center for the most up-to-date passing scores.

Concurrent or Transient Admission for International Students

International students who are seeking to apply as concurrent or transient at Texas A&M-San Antonio *must* contact the Office of International Affairs or meet with our International Admissions Specialist.

Non-Degree Seeking International Students

International students who are seeking to apply as non-degree seeking at Texas A&M-San Antonio *must* contact the Office of International Affairs or meet with our International Admissions Specialist.

Conditional Admission for International Students

International applicants may be considered for conditional admission only if they are on a visa that does not fall under the F-1 category. Students on F-1 visa status will not be considered for conditional admission, *“The provisional issuance of Forms I-20 is a violation of 8 CFR 214.3(k). According to that regulation. A designated school official may not issue a Form I-20 until the appropriate school authority has determined that the prospective student's qualifications meet all standards for admission at the school which has accepted the prospective student for enrollment in a full course of study.”*

International Freshman Admission Procedure and Deadlines

The application for admission and required supporting documentation (i.e. test scores and U.S. or foreign transcripts and/or foreign credential evaluations) must be submitted to the Office of International Affairs by the following deadlines to ensure the application is processed prior to the beginning of the semester:

Fall Priority:	January 15
Fall Final Application Deadline:	June 30
Fall Final Required Admission Documents Deadline:	June 30
Spring Priority:	October 1
Spring Final Application Deadline:	December 1
Spring Final Required Admissions Documents Deadline:	December 1
Summer Semester Priority:	April 1
Summer Final Application/Document Deadline:	April 30

The application will not be accepted after the final deadline date. Supporting documents to complete admission files must be received by 5 p.m. on the date of the final deadline. Deadlines that fall on a weekend or holiday will be extended to the following business day. Applications that are not completed by the final deadline will not be processed for an admission decision for that application term and will be withdrawn by the university.

International applicants studying in the U.S. must request an official transcript indicating grades at least through the applicant's junior year. The transcript should include: current class rank, GPA, diploma program, and completed, or if necessary, in progress coursework that will be completed through the senior year. Any student, who has graduated from high school at the time of application submission, must provide an official final high school transcript which includes: date of graduation, final class rank, GPA, diploma program, 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, must be printed within a year of the submission date, must be received directly from the sending institution, or hand-delivered in a sealed envelope from the sending institution. Additionally, the Office of International Affairs accepts electronic documents as official when sent via a secure electronic transcript service (i.e. E-scrip, National Student Clearinghouse, Parchment, and Trans Networks). High school transcripts are accepted from the school's registrar or counselor through the Texas Records Exchange (TREx). Home school transcripts must be notarized in order to be considered official.

International Freshmen Admission Requirements

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, Advanced/Distinguished, Foundation with an Endorsement, Foundation, or Minimum High School Program, or complete the portion of the program that was available to them; or successfully complete a curriculum that is equivalent* in content and rigor to the Distinguished, Advanced, Recommended, Foundation with an Endorsement, Foundation, or Minimum High School Program at a high school that is exempt from offering such programs; or
- Passed all five subject tests and earned a GED
- 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 (Redesigned SAT score will be converted to old SAT score).

*Equivalencies must be determined by the high school counselor, or certifying official, using the High School Certification Form. If needed, form may be obtained from an A&M-SA Admission Counselor.

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.

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 U. S. high schools. 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 student's highest section scores across all the dates the SAT or ACT were taken to form the highest possible composite score, also known as super-scoring.

Automatic Admission

Applicants who rank in the top 25% of their U. S. high school class and have graduated or will graduate from an accredited U.S. high school with the Recommended or Distinguished program type are automatically offered admission upon completion of their admission file Applicants who qualify for automatic admission are not required to meet the minimum SAT or ACT score requirements.

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 940 on the redesigned SAT (critical reading and math sections); 860 on the SAT taken prior to March 2016
ACT: Minimum composite score of 18

Readmission

For admissions purposes, former international 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 \$50 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.

Admission Committee Review

International applicants attending U.S. high schools who **do not meet automatic or regular admission requirements** may still be considered for admission under the Admission Committee Review process. The Undergraduate International 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 and internships
- Summer activities
- Experience surmounting obstacles to pursue higher education

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. These items may be submitted to the Office of International Affairs by email at International.Affairs@tamusa.edu or by mail:

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

Students admitted under committee review may be subject to specific enrollment conditions established by the International 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. For more information related to degree requirements, applicants are encouraged to speak to their Academic Advisor at New Student Orientation.

Admission Denial

Applicants who are denied admission based on not meeting freshman admission requirements have the right to appeal the decision (*See exemption note below). Appeals are evaluated on a case-by-case basis and will not be accepted after August 10 (fall term), Jan 10 (spring term) or May 10 (summer terms). Submission of an appeal does not guarantee a change in the admission decision. Applicants who 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 International Affairs: 1) Admissions Decision Appeal Form 2) A personal statement addressing the reason for the appeal and a plan for success at A&M-San Antonio.

***Note: Applicants who are on F-1 student visa and denied admission based on not meeting freshman admission requirements, cannot appeal the decision since F-1 students cannot be “conditionally” accepted.**

ACT Residual Testing

Texas A&M University-San Antonio (A&M-SA) offers alternative admission testing for applicants who 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 applicant takes the test. Therefore, the exam is only available to applicants 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. Students must schedule their appointment with the Testing Center and pay a non-refundable exam fee. Once scheduled, the Testing Center will work with the Office of Admissions to verify student's eligibility. 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 hours 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.

International Students Freshman Admission Requirements:

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

1. Complete an application for freshmen as international student, including the non-refundable \$50 application fee. The Apply Texas Application is available online at www.applytexas.org.
2. Official U.S. high school transcripts. You must submit official transcripts from all U.S. high schools that you have attended. An official transcript bears the original signature of a school official and/or an official seal.
3. If the student has attended a foreign high school, a foreign credential evaluation report including graduation date and Diploma awarded, must be submitted. A document by document report must be submitted if the student attended more than one foreign institutions. We do not need official foreign transcripts. *We only need the "foreign credential evaluation report."*
 - The foreign credential evaluation report. All international foreign transcripts must be first evaluated by an agency registered through the National Association of Credential Evaluation Services (NACES). Below you will find a list of agencies that are commonly used by students applying at Texas A&M University-San Antonio. The foreign credential evaluation report **MUST** reflect a detailed and official course-by-course description, and should not be more than one year old from the report's issued date.
 - Once your transcript is evaluated, the agency you choose must forward the evaluation report directly to:
The Office of International Affairs
One University Way, Frank Madla Building, Room 125,
San Antonio, Texas 78224

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/>

4. SAT or ACT scores: For the purpose of admissions, students must satisfy the required scores on the SAT or ACT assessment below:
 - SAT: Minimum score of 940 on the redesigned SAT (critical reading and math sections);
 - 860 on the SAT taken prior to March 2016.
 - ACT: Minimum composite score of 18
 - SAT code: 5996; ACT code 5350.

Equivalencies must be determined by the high school counselor, or certifying official, using the High School Certification Form. If needed, form may be obtained from an A&M-SA Admission Counselor.

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. Proof of English Proficiency: 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 completed all four years in an accredited U.S. high school.
- Students who have earned at least 12 transferrable semester credits AND completed English Composition I and 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.

7. Immigration Requirements: Proof of ability to meet personal and academic expenses.
 - a. A Financial Statement with a minimum of \$28,846 (U.S.) per year (must be in English) is currently required to meet such expenses. The financial support documents must be less than six months from the issuing date. Student must submit this documentation to the Office of International Affairs.
 - b. Copy of Immigration documents: Visa, Passport, I-94, all I-20's since the student entered to the United States. Student must submit this documentation to the Office of International Affairs

International Students Transfer Admission Requirements

Transfer applicants have graduated from high school and matriculated into a college/university. Developmental courses and vocational/technical courses are not considered academic and will not be transferable.

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 International Affairs by the following dates:

Fall Priority:	March 15
Fall Final	August 5
Spring Priority:	November 1
Spring Final:	December 20
Summer Priority	April 1
Summer:	July 1

The application will not be accepted after the final deadline date. Supporting documents to complete admission files must be received by 5 p.m. on the date of the final deadline. Deadlines that fall on a weekend or holiday will be extended to the following business day. Applications that are not completed by the final deadline will not be processed for an admission decision for that application term and will be withdrawn by the university.

The application review process will not begin until all documents are received. To be considered official, U.S. transcripts should have: an original signature of a school official and/or the school seal, must be printed within one year, must be received directly from the sending institution, or hand-delivered in a sealed envelope from the sending institution. Additionally, the Office of International Affairs accepts electronic documents as official when sent via a secure electronic transcript service (i.e. E-scrip, National Student Clearinghouse, Parchment, and Trans Networks). High school transcripts are accepted from the school's registrar or counselor through the Texas Records Exchange (TREx). Home school transcripts must be notarized in order to be considered official. Final High School transcripts can be dated over one year from the print date as long as it has an original signature of a school official and/or the school seal, is received directly from the sending institution, or is hand-delivered in a sealed envelope from the sending institution.

Conditional Admission for International Students

International applicants may be considered for conditional admission only if they are on a visa that does not fall under the F-1 category. Students on F-1 visa status will not be considered for conditional admission, *"The provisional issuance of Forms I-20 is a violation of 8 CFR 214.3(k). According to that regulation. A designated school official may not issue a Form I-20 until the appropriate school authority has determined that the prospective student's qualifications meet all standards for admission at the school which has accepted the prospective student for enrollment in a full course of study."*

International Freshmen-transfer Admission Requirements:

Freshmen transfer students with 29 college credit hours or less (not including developmental courses) must meet the following admission criteria:

- Freshmen admissions requirements listed above
- Cumulative college transfer grade point average (GPA) of 2.0 on a 4.0 scale.
- Must be eligible to return to all previously attended colleges or universities.

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

1. Complete the online **international transfer** application for admission for Texas A&M University-San Antonio at www.applytexas.org.
2. Pay non-refundable \$50.00 application fee.
3. Submit official transcripts from all U.S. high schools that you have attended. An official transcript bears the original signature of a school official and/or an official seal.
4. Official U.S. college transcripts. You must submit official transcripts from all U.S. institutions that you have attended. An official transcript bears the original signature of a school official and/or an official seal.
5. If the student has a foreign high school transcript, a foreign credential evaluation report document-by-document must be submitted for all high school and/or a course-by-course document for college coursework student has attended out of the United States. We do not need official foreign transcripts. *We only need the "foreign credential evaluation report."*
 - The foreign credential evaluation report. All international foreign transcripts must be first evaluated by an agency registered through the National Association of Credential Evaluation Services (NACES). Below you will find a list of agencies that are commonly used by students applying at Texas A&M University-San Antonio. The foreign credential evaluation report **MUST** reflect a detailed and official course-by-course description, and should not be more than one year old from the report's issued date.
 - Once your transcript is evaluated, the agency you choose must forward the evaluation report directly to:

The Office of International Affairs
One University Way
Frank Madla Building, Room 125,
San Antonio, Texas 78224

If previous institutions participate in the sending of secure electronic transcripts (i.e. E-script, National Student Clearinghouse, Parchment, or Trans Networks), transcripts should be sent via email to: Admissions@tamusa.edu

Applications will not be evaluated until the above criteria have been met.

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/>

- 6. SAT or ACT scores: For the purpose of admissions, students must satisfy the required scores on the SAT or ACT assessment below:
 - SAT: Minimum score of 940 on the redesigned SAT (critical reading and math sections);
 - 860 on the SAT taken prior to March 2016.
 - ACT: Minimum composite score of 18
 - SAT code: 5996; ACT code 5350.

Equivalencies must be determined by the high school counselor, or certifying official, using the High School Certification Form. If needed, form may be obtained from an A&M-SA Admission Counselor.

- 7. 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.
- 8. Proof of English Proficiency: 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 completed all four years in an accredited U.S. high school.
- 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.

9. Immigration Requirements: Proof of ability to meet personal and academic expenses.

- a. A Financial Statement with a minimum of \$28,846 (U.S.) per year (must be in English) is currently required to meet such expenses. The financial support documents must be less than six months from the issuing date. Student must submit this documentation to the Office of International Affairs.
- b. Copy of Immigration documents: Visa, Passport, I-94, all I-20's since the student entered to the United States. Student must submit this documentation to the Office of International Affairs.
- c. Transfer-In Form: Student must contact the Office of International Affairs to complete the immigration transfer process.

International Transfer Admission Requirements

Transfer Students with 30 or more 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.
- Must be eligible to return to all previously attended colleges or universities in and out of the United States.

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

1. Complete the online International Transfer application for admission, for Texas A&M University-San Antonio at <https://www.applytexas.org>.
2. Pay non-refundable \$50.00 application fee.
3. Official U.S. college transcript. The transcripts should not be dated more than one year old from the print date on the transcript. An official transcript bears the original signature of a school official and/or an official seal. Remedial or duplicate credits cannot be transferred.
4. If the student has foreign transcripts, a foreign credential evaluation report course-by-course must be submitted for all Institutions student has attended out of the United States. We do not need official foreign transcripts. *We only need the "foreign credential evaluation report."*
 - **The foreign credential evaluation report.** All international foreign transcripts must be first evaluated by an agency registered through the National Association of Credential Evaluation Services (NACES). Below you will find a list of agencies that are commonly used by students applying at Texas A&M University-San Antonio. The foreign credential evaluation report **MUST** reflect a detailed and official course-by-course description, and should not be more than one year old from the report's issued date.
 - Transcript or evaluation report can be sent directly to:

The Office of International Affairs
One University Way,
Frank Madla Building, Room 125,
San Antonio, Texas 78224

If previous U.S. institutions participate in the sending of secure electronic transcripts (i.e. E-script, National Student Clearinghouse, Parchment, or Trans Networks), transcripts should be sent via email to:
Internationalaffairs@tamusa.edu

Students who do not enroll for the term in which they are admitted are required to reapply, must pay an additional application fee and will be re-evaluated to determine admissibility.

Applications will not be evaluated until all official transcripts from previous colleges and/or universities are received and application fee payment has been made.

Foreign Credentials Services of America

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Austin, TX 78757
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Fax: (512) 459-4565
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Milwaukee, Wisconsin 53203-3470
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Fax: 414.289.3411
E-mail: eval@ece.org
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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/>

5. Transfer grade point average of a 2.0 on a 4.0 grade point average.
6. Proof of English proficiency (see below).
7. Immigration Requirements: Proof of ability to meet personal and academic expenses.
 - a. A Financial Statement with a minimum of \$28,846 (U.S.) per year (must be in English) is currently required to meet such expenses. The financial support documents must be less than six months from the issuing date. Student must submit this documentation to the Office of International Affairs.
 - b. Copy of Immigration documents: Visa, Passport, I-94, all I-20's since the student entered to the United States. Student must submit this documentation to the Office of International Affairs
 - c. Transfer-In Form: Student must contact the Office of International Affairs to complete the immigration transfer process.

Proof of English Proficiency for Undergraduate Transfer 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 completed all four years in an accredited U.S. high school.
- Students who have earned at least 12 transferrable semester credits AND completed English Composition I and 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.

Conditional Admission for International Students

International applicants may be considered for conditional admission only if they are on a visa that does not fall under the F-1 category. Students on F-1 visa status will not be considered for conditional admission, *"The provisional issuance of Forms I-20 is a violation of 8 CFR 214.3(k). According to that regulation. A designated school official may not issue a Form I-20 until the appropriate school authority has determined that the prospective student's qualifications meet all standards for admission at the school which has accepted the prospective student for enrollment in a full course of study."*

Undergraduate Transfer Credit

Transfer Credit Calculation and Evaluation

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

Although general credit may be granted, not all course work will 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.

A&M-San Antonio has an articulation agreement with the Alamo Colleges, as well as several other regional 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

Applicants who have credit from a non-regionally accredited institution or vocational/technical credit will not be awarded credits at the time of admission. While some non-regionally accredited institutions provide ACE credit recommendations, the transferability of those credits is at the discretion of the University. Those wishing to petition courses that were not transferred at the point of admission may request a Course Evaluation Request form to be completed with an Academic Advisor for each course to be evaluated at the time of enrollment. The student will be required to 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, only when the transcript indicates “Core Complete.” 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.

Transfer Credit for Military Service

Although not required for admission evaluation, the university requires submission of the Joint Services Transcript (JST) in order for military credit to be awarded. ACE transfer credit guidelines are used for awarding credit. These guidelines can be found at: <http://www.acenet.edu/higher-education/topics/pages/military-evaluations.aspx>. Although general credit may be granted, not all course work will necessarily be used for degree requirements. The

university accepts the College Credit for Heroes (CCFH) evaluation. Students wishing to be awarded transfer credit from CCFH must also submit an official JST.

DLPT scores will be accepted if they are posted on an official JST or sent directly to A&M-San Antonio.

The university has created a Texas Success Initiative (TSI) Military exemption waiver form to make the military TSI exemption clearer and the process easier for military members. For additional assistance, please visit the Office of Military Affairs.

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 college-level 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. CLEP scores must be sent directly to A&M-San Antonio for evaluation of transfer credit.

Through CLEP exams it is possible to earn up to 90 college-level credits. A&M-San Antonio does not accept CLEP exams that duplicate coursework previously transferred for credit. Students may not receive CLEP exam credits and course 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
Principles of Management	50	3	MGMT 3311
Principles of Marketing	50	3	MKTG 3311
Composition & Literature			
American Literature	50	3	ENGL 2326
College Composition	50	6	ENGL 1301 and 1302
College Composition Modular	50	3	ENGL 1301
English Literature	50	3	ENGL 2321
History & Social Sciences			
American Government	50	3	GOVT 2305
History of the United States I	50	3	HIST 1301
History of the United States II	50	3	HIST 1302

Exam Title	Credit-Granting Score	Semester Hours	A&M-San Antonio Equivalent
Human Growth and Development	50	3	PSYC 3327
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
Western Civilization I	50	3	HIST 2311
Western Civilization II	50	3	HIST 2312
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
Natural Sciences	50	6	BIOL 1308 and BIOL 1309
Precalculus	50	3	MATH 2312
World Languages			
French Language: Level 1	50	6	FREN 1311 and FREN 1312
French Language: Level 2	59	9	FREN 1311, FREN 1312, and FREN 2311
German Language: Level 1	50	6	GERM 1311 and GERM 1312
German Language: Level 2	60	9	GERM 1311, GERM 1312, 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
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	6	CHIN 1311 and CHIN 1312
AP Chinese Language and Culture	4	12	CHIN 1311, CHIN 1312, CHIN 2311 and CHIN 2312
AP French Language and Culture	3	6	FREN 1311 and FREN 1312
AP French Language and Culture	4	12	FREN 1311, FREN 1312, FREN 2311 and FREN 2312
AP German Language and Culture	3	6	GERM 1311 and GERM 1312
AP German Language and Culture	4	12	GERM 1311, GERM 1312, GERM 2311 and GERM 2312
AP Italian Language and Culture	3	6	ITAL 1311 and ITAL 1312
AP Italian Language and Culture	4	12	ITAL 1311, ITAL 1312, ITAL 2311 and ITAL 2312
AP Japanese Language and Culture	3	6	JAPN 1311 and JAPN 1312

Exam Title	Credit-Granting Score	Semester Hours	A&M-San Antonio Equivalent
AP Japanese Language and Culture	4	12	JAPN 1311, JAPN 1312, JAPN 2311 and JAPN 2312
AP Latin	3	6	LATI 1311 and LATI 1312
AP Latin	4	12	LATI 1311, LATI 1312, 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. The University Registrar 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 340 and an essay score of at least a 4; OR
 - Placement score of less than 340, ABE Diagnostic level of 4 or higher and an essay score of at least a 5.

Students must meet the TSI College Readiness Standards in Reading and Writing and have a Math score on file in order to register for courses. Those that are not College Ready in Math are required to sign a TSI Agreement. After one semester students will be placed on developmental probation and upon completion of the second semester will be developmentally dismissed unless College Readiness Standards are met. Students that are not College Ready in all areas will have limited course availability for registration; including math, some science, and all upper level coursework.

The fee for the completion of the assessment instrument will be paid by the student. TSI Placement scores are set by the Texas Higher Education Coordinating Board and are subject to change.

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	Prior to March 1, 2016: 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 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. March 1, 2016 to present: An evidence based reading and writing score of 480 shall exempt both reading and writing sections of the TSI Assessment and a mathematics score of 530 shall exempt for the mathematics section of the TSI Assessment. Valid for a period of five (5) 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 have graduated with an associates or baccalaureate degree from a U.S. accredited 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 reading, writing, and mathematics coursework is exempt as determined 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 registration into entry-level courses. 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 Testing Center. For more information on what documents are needed for the exemptions, please contact the Testing Center at (210)784-1366.

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 effective on a designated date prior to the entry term. All registered students pending verification of vaccination documentation will be dropped from classes on the first "drop for non-payment" date for the semester as published on the academic calendar. Students with an approved extension that are out of compliance after the authorized 10-day extension will be dropped from their classes. Registration holds will be removed upon verification of vaccine or approval of exemption. The Welcome Center is located in the Madla Building, room 111 and can be reached at (210) 784-1300. Additional information about providing documentation of meningitis vaccination is available online: <http://www.tamusa.edu/welcomecenter/NewStudentChecklist/meningitisvaccine.html>.

GRADUATE ADMISSIONS

Melinda Thomas, *Director of Admissions*
Senator Frank L. Madla Building
(210)784-1300

<http://www.tamusa.edu/admissions/>

For questions: beajaguar@tamusa.edu

For the submission of admission documents: graduateadmissions@tamusa.edu

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.

Applicants should answer questions on the admission application 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 and supporting documents (i.e. official transcripts from ALL previous college and universities and test scores) 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, application fee, and official transcripts from all previous academic work. Completed applications are processed in the order in which they are made complete. Applicants are typically informed of their admission decision within two to three weeks from the point of completion. Incomplete applications will not be processed and will be withdrawn by the university after the census date for the term. Admission decision processing turnaround times may vary as deadlines approach.

Information concerning all aspects of the admissions process will be mailed 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.

Students who do not enroll for the term in which they are admitted are required to reapply, must pay an additional application fee, may need to submit updated transcripts, and will be re-evaluated to determine admissibility.

In order to apply for admission, the applicant must submit an application via ApplyTexas.org. A student must be admitted to a graduate program in order to take graduate level courses. This applies to students with an undergraduate degree from Texas A&M University-San Antonio, as well as from other regionally-accredited institutions. In accordance with program requirements, applicants 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 exam date.

Standards for admittance to a specific program are set by each academic college. Applicants must check the admission requirements to the program of interest before they seek admission. Initial evaluation of an applicant's documents is processed through the Office of Admissions and is routed to the respective graduate department for an admission decision.

Applicants, who wish to change their graduate program, after admittance to a specific program, must reapply for admission, pay the \$35 application fee, and meet the program's specific admissions requirements to be admitted 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.

Application Fee

Applicants applying or reapplying to Texas A&M University-San Antonio are required to pay a non-refundable application fee of \$35. Each application submitted incurs a required non-refundable application fee, regardless of completion status or admission decision. It is recommended that payment be submitted via the ApplyTexas application. However, payment is also 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 Fee Waivers

Students may qualify for an admissions application fee waiver. Please note that checking off the application fee waiver indicator on the ApplyTexas application does not automatically waive application fees.

Appropriate documentation is required to be eligible for an application fee waiver (i.e. GRE waiver, McNair waiver). Other waivers may be considered and will be reviewed upon submission. These items can be submitted to the Office of Admissions via fax, mail, or in person. Applicants who do not submit waiver documentation or do not qualify for a waiver will be responsible for application fee payment.

Application and Transcript Submission

A student must complete the ApplyTexas application online at applytexas.org. In cases where multiple applications are submitted, the application submitted most recently, regardless of term or type, will void all previously submitted applications. Applicants must submit official transcripts from all institutions attended. To be considered official, transcripts should have: an original signature of a school official and/or the school seal, must be printed within the year, must be received directly from the sending institution, or hand-delivered in a sealed envelope from the sending institution. Additionally, the Office of Admissions accepts electronic documents as official when sent via a secure electronic transcript service (i.e. E-scrip, National Student Clearinghouse, Parchment, Trans Networks).

Foreign Documents and Credits

Domestic applicants who have prior course work from a foreign college or university will be required to submit a course-by-course foreign credential evaluation from one of the five agencies designated in the International Admissions section. Foreign transcripts are not required.

Applicants who have participated in a study abroad program may also be required to submit a course-by-course foreign credential evaluation from one of the five agencies designated in the International Admissions section.

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.

All students wanting to attend Texas A&M University-San Antonio must be proficient in the use of English. Applicants, 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.

Admission Deadlines

In order to ensure your application is processed prior to the beginning of the semester it is strongly encouraged you submit your application and all required supporting documents for admissions no later than the application deadline dates listed below.

Fall Priority	March 15
Fall Final	August 5
Spring Priority	November 1
Spring Final	December 20
Summer Priority	April 1
Summer Final	July 1

The application will not be accepted after the final deadline date. Supporting documents to complete admission files must be received by 5 p.m. on the date of the final deadline. Deadlines that fall on a weekend or holiday will be extended to the following business day. Applicants that are not completed by the final deadline will not be processed for an admission decision for that application term and will be withdrawn by the university.

Admission Requirements: Degree Seeking Applicants

Applicants seeking admission to graduate programs at Texas A&M University-San Antonio must submit the following:

1. Complete the application for admission at ApplyTexas.org.
2. Pay non-refundable \$35 application fee.
3. Submit official transcripts from all colleges or universities attended (both undergraduate and graduate). Applicants 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.
4. Submit official results of the nationally standardized examination to the Office of Admissions, directly from the testing service. *A&M-SA's GRE code is 6712; the GMAT code is 7B7-9D-05; and the MAT code is 3013*). Applicants who hold a master's degree from a regionally accredited university may have this requirement waived after degree verification dependent upon program.
5. Must have an overall undergraduate grade point average of 2.6 on a 4.0 scale or an average of 3.0 on the last 60 hours of **undergraduate** coursework.
6. Must be eligible to return to all previous attended colleges or universities.

Admission Requirements: Non-Degree Seeking Students

Applicants who are seeking admission to enroll in graduate courses but do not intend to seek a degree should apply as graduate non-degree seeking. Non-degree seeking students may attend for multiple semesters with departmental approval. If continued enrollment is desired, students must contact their advisor. If a student wishes to become degree seeking, they will be required to reapply. Non-degree seeking students may not be eligible for financial assistance. Applicants must specify which department they intend to take coursework in on their ApplyTexas application.

Students applying as non-degree seeking must meet the following:

- Complete the graduate non-degree seeking application at applytexas.org.
- Pay non-refundable \$35 application fee
- Submit official transcripts from all colleges or universities attended both undergraduate and graduate. Students must be awarded a baccalaureate degree from a regionally-accredited institution before admission 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.
- Applicant must have 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.
- Must be eligible to return to all previous attended colleges or universities.

Graduate Readmission

All active 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 admitted prior to submitting test scores, but failed to submit their scores, will be required to submit 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.

Post-masters students from Texas A&M University-San Antonio who are returning for certification must apply as graduate non-degree seeking and must specify which department they intend to take coursework in on their ApplyTexas application.

Graduate GPA Calculation

Grades received at other colleges/universities will be converted into Texas A&M University-San Antonio’s grading system; plus/minus grading systems will not be used. If any courses are repeated across institutions, only the highest grade will be used to calculate GPA. Credit/non-credit and developmental coursework will not be considered. GPA for graduate level coursework may also be considered.

Unconditional Admission

Applicants who have earned a baccalaureate degree from a regionally accredited college or university and who meet one of the following sets of minimum requirements is offered unconditional admission:

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. College of Business applicants must meet the following combined GPA and GMAT requirements for unconditional admission: **970-(GPA X 200) = minimum required GMAT score.**

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

Applicants 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.

Letter of Degree Completion

Applicants may be eligible to be evaluated prior to earning a bachelor's degree through the letter of degree completion process. Applicants must be in their last term of a bachelor's program to be evaluated. The letter of degree completion process is only available during the long terms (fall and spring). Summer applicants cannot be processed with the letter of degree completion. International applicants are not eligible. Letter of Degree Completion eligibility does not guarantee admission to the university. Applicants must meet both program and GPA eligibility as outlined below.

Eligible Programs: Applicants applying to the Masters of Counseling and Guidance, the Masters of Kinesiology, the Masters of English or any program in the College of Business are eligible for this process.

Non-Eligible Programs: Applicants applying as Non-Degree Seeking, or applying to a Master's program with a Certification in the College of Education.

GPA Eligibility: A cumulative GPA of a 3.00 or better is required in all undergraduate coursework taken.

Letter of Degree Completion – Steps to Apply

1. Complete the application for admission at ApplyTexas.org.
2. Pay non-refundable \$35 application fee.
3. Submit official transcripts from all colleges or universities attended (both undergraduate and graduate), including the transcript from the degree awarding institution which indicates "coursework in progress" for the term in which the applicant is anticipated to graduate.
4. A Letter of Degree Completion from the applicants Academic Advisor. The letter must state—which courses the applicant is registered for that will complete the degree requirements, must also state that pending the completion of the "courses in progress" the student will graduate, and must indicate the anticipated date of graduation and the anticipated degree. The Letter of Degree Completion must be emailed directly from the applicant's Academic Advisor to graduateadmissions@tamusa.edu.

Only conditional admission can be offered for applicants being admitted with a Letter of Degree Completion. If the applicant does not submit a final college transcript with a bachelor's degree posted, they will be ineligible to register for future semesters.

For more information on conditional admissions, students will need to contact the department.

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

Applicants 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. Applicants who already hold a master's degree in a program cannot apply for the same program. For example, if a student has a Masters in Counseling and Guidance, they cannot apply as a Degree Seeking student to the Counseling and Guidance program.

Prerequisite Coursework 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 department determines it is necessary.

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. Coursework 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. 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.

INTERNATIONAL GRADUATE ADMISSIONS

Sylvia Medel, Director of International Affairs
Senator Frank L. Madla Building
(210) 784-1310

www.tamusa.edu/InternationalAffairs

For questions, and submission of documents: International.Affairs@tamusa.edu

INTERNATIONAL GRADUATE ADMISSION

The Office of International Affairs (OIA) facilitates and oversees the admission process for Texas A&M University-San Antonio's international population. The OIA 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. In addition, 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.

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 and supporting documents (i.e. official transcripts from ALL previous college and universities and test scores) constitute the basis upon which the Office of International Affairs 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, application fee, and official transcripts from all previous academic work. Completed applications are processed in the order in which they are made complete. Applicants are typically informed of their admission decision within two to three weeks from the point of completion. Incomplete applications will not be processed and will be withdrawn by the university after the census date for the term. Admission decision processing turnaround times may vary as deadlines approach.

Information concerning all aspects of the admissions process will be mailed directly from:

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

Prospective students are strongly encouraged to apply early.

Students who do not enroll for the term in which they are admitted are required to reapply, must pay an additional application fee and will be re-evaluated to determine admissibility.

In order to apply for international admission, the applicant must submit an application via ApplyTexas.org. A student must be admitted to a graduate program in order to take graduate level courses. This applies to students with an undergraduate degree from Texas A&M University-San Antonio as well as from other regionally-accredited institutions. In accordance with program requirements, applicants 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 exam date.

Standards for admittance to a specific program are set by each academic college. Applicants must check the admission requirements to the program of interest before they seek admission. Initial evaluation of an applicant's documents is processed through the Office of International Affairs and is routed to the respective graduate department for an admission decision.

Applicants with graduate degrees from regionally accredited institutions, non-degree seeking applicants, and applicants who are seeking a certificate or endorsement are exempt from the nationally standardized graduate aptitude examination requirement.

Applicants, who wish to change their graduate program, after admittance to a specific program, must reapply for admission, pay the \$50 application fee, and meet the program's specific admissions requirements to be admitted 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.

Application Fee

International applicants applying or reapplying to Texas A&M University-San Antonio are required to pay a non-refundable application fee of \$50. Each application submitted incurs a required non-refundable application fee, regardless of completion status or admission decision. It is recommended that payment be submitted via the ApplyTexas application. However, payment is also 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 at:

Student Business Services
Texas A&M University-San Antonio
Frank L. Madla Building Room 135
One University Way
San Antonio, TX 78224

Application and Transcript Submission

A student must complete the ApplyTexas application online at applytexas.org. In cases where multiple applications are submitted, the application submitted most recently, regardless of term or type, will void all previously submitted applications. Applicants must submit official transcripts from all U.S. institutions attended. To be considered official, transcripts should have: an original signature of a school official and/or the school seal, must be printed within the year, must be received directly from the sending institution, or hand-delivered in a sealed envelope from the sending institution. Additionally, the Office of Admissions accepts electronic documents as official when sent via a secure electronic transcript service (i.e. E-scrip, National Student Clearinghouse, Parchment, Trans Networks).

Foreign Documents and Credits

Applicants who have prior course work from a foreign college or university will be required to submit a course-by-course foreign credential evaluation from an agency registered through the National Association of Credential Evaluation Services (NACES).

Applicants who have participated in a study abroad program may also be required to submit a course-by-course foreign credential evaluation from a NACES member Agency.

Non-Degree Seeking International Students

International students who are seeking to apply as non-degree seeking at Texas A&M-San Antonio *must* contact the Office of International Affairs or meet with our International Admissions Specialist.

Conditional Admission for International Students

International applicants may be considered for conditional admission only if they are on a visa that does not fall under the F-1 category. Students on F-1 visa status will not be considered for conditional admission, *"The provisional issuance of Forms I-20 is a violation of 8 CFR 214.3(k). According to that regulation. A designated school official may not issue a Form I-20 until the appropriate school authority has determined that the prospective student's qualifications meet all standards for admission at the school which has accepted the prospective student for enrollment in a full course of study."*

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

GRADUATE ADMISSION REQUIREMENTS INTERNATIONAL 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 International admission, application for admission and transcripts of credit should be addressed to the Office of International Affairs.

All students wanting to attend Texas A&M University-San Antonio must be proficient in the use of English. Applicants, 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.

Admission Deadlines

In order to ensure your application is processed prior to the beginning of the semester it is strongly encouraged you submit your application and all required supporting documents for admissions no later than the application deadline dates listed below.

Fall Priority	March 15
Fall Final	August 5
Spring Priority	November 1
Spring Final	December 20
Summer Priority	April 1
Summer Final	July 1

The application will not be accepted after the final deadline date. Supporting documents to complete admission files must be received by 5 p.m. on the date of the final deadline. Deadlines that fall on a weekend or holiday will be extended to the following business day. Applicants that are not completed by the final deadline will not be processed for an admission decision for that application term and will be withdrawn by the university.

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

International Admission Requirements: Degree Seeking Applicants

Applicants seeking admission to graduate programs at Texas A&M University-San Antonio must submit the following:

1. Complete an application for graduate admission as international student, *including* the non-refundable \$50 application fee. The Apply Texas Application is available online at www.applytexas.org.
2. Submit official transcripts from all U.S. colleges or universities attended both undergraduate and graduate. Applicants 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. If previous U.S. institutions participate in the sending of secure electronic transcripts (i.e. E-script, National Student Clearinghouse, Parchment, or Trans Networks), transcripts should be sent via email to: International.Affairs@tamusa.edu.
4. If the student has foreign transcripts, a foreign credential evaluation report course-by-course must be submitted

for all institutions student has attended out of the United States. We do not need official foreign transcripts. We only need the “foreign credential evaluation report.”

The foreign credential evaluation report. All international foreign transcripts must be first evaluated by an agency registered through the National Association of Credential Evaluation Services (NACES). Below you will find a list of agencies that are commonly used by students applying at Texas A&M University-San Antonio. The foreign credential evaluation report **MUST** reflect a detailed and official course-by-course description, and should not be more than one year old from the report’s issue date. Transcript or evaluation report can be sent directly to:

The Office of International Affairs
One University Way,
Frank Madla Building, Room 125,
San Antonio, Texas 78224

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/>

5. Submit official results of the nationally standardized examination to the Office of International Affairs, directly from the testing service. *A&M-SA's GRE code is 6712; the GMAT code is 7B7-9D-05; and the MAT code is 3013.* The official test scores should not be older than five years from the test date. Applicants who hold a Master’s degree from a regionally accredited university may have this requirement waived after degree verification dependent upon program.
6. Must have an overall undergraduate grade point average of 2.6 on a 4.0 scale or an average of 3.0 on the last 60 hours of **undergraduate** coursework.
7. Must be eligible to return to all previous attended colleges or universities.
8. Proof of English proficiency (see below).
9. Immigration Requirements: Proof of ability to meet personal and academic expenses.

- d. A Financial Statement with a minimum of \$26,897 (U.S.) per year (must be in English) is currently required to meet such expenses. The financial support documents must be less than six months from the issuing date. Student must submit this documentation to the Office of International Affairs.
- e. Copy of Immigration documents: Visa, Passport, I-94, all I-20's since the student entered to the United States. Student must submit this documentation to the Office of International Affairs
- f. Transfer-In Form: Student must contact the Office of International Affairs to complete the immigration transfer process. (Only for students who are in the United States, and are transferring from U.S. universities.)

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 and 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.
- Students who have completed all four years in an accredited U.S. high school.

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

International Admission Requirements -- Non-Degree Seeking Students

Applicants who are seeking admission to enroll in graduate courses but do not intend to seek a degree should apply as graduate non-degree seeking. Non degree seeking students may attend for multiple semesters with departmental

approval. If continued enrollment is desired, students must contact their advisor. If a student wishes to become degree seeking, student will be required to reapply. Non-degree seeking students may not be eligible for financial assistance. Applicants must specify which department they intend to take coursework in, on their ApplyTexas application.

Students applying as non-degree seeking must meet the following:

1. Complete an application for graduate admission as international student, *including* the non-refundable \$50 application fee. The Apply Texas Application is available online at www.applytexas.org.
2. Submit official transcripts from all U.S. colleges or universities attended both undergraduate and graduate. Applicants 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. If the student has foreign transcripts, a foreign credential evaluation report course-by-course must be submitted for all Institutions student has attended out of the United States. We do not need official foreign transcripts. *We only need the "foreign credential evaluation report."*
4. The foreign credential evaluation report. All international foreign transcripts must be first evaluated by an agency registered through the National Association of Credential Evaluation Services (NACES). Below you will find a list of agencies that are commonly used by students applying at Texas A&M University-San Antonio. The foreign credential evaluation report MUST reflect a detailed and official course-by-course description, and should not be more than one year old from the report's issued date.
 - Transcript or evaluation report can be sent directly to:
The Office of International Affairs
One University Way,
Frank Madla Building, Room 125,
San Antonio, Texas 78224

If previous U.S. institutions participate in the sending of secure electronic transcripts (i.e. E-script, National Student Clearinghouse, Parchment, or Trans Networks), transcripts should be sent via email to: Internationalaffairs@tamusa.edu

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

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

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

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/>

5. Submit official results of the nationally standardized examination to the Office of International Affairs, directly from the testing service. *A&M-SA's GRE code is 6712; the GMAT code is 7B7-9D-05; and the MAT code is 3013*). The official test scores should not be older than five years from the test date. Applicants who hold a master's degree from a regionally accredited university will have this requirement waived after degree verification. Applicants who hold a Master's degree from a regionally accredited university will have this requirement waived.
6. Must have an overall undergraduate grade point average of 2.6 on a 4.0 scale or an average of 3.0 on the last 60 hours of **undergraduate** coursework.
7. Must be eligible to return to all previous attended colleges or universities.
8. Proof of English proficiency (see below).
9. Immigration Requirements: Proof of ability to meet personal and academic expenses.
 - a. A Financial Statement with a minimum of \$26,897 (U.S.) per year (must be in English) is currently required to meet such expenses. The financial support documents must be less than six months from the issuing date. Student must submit this documentation to the Office of International Affairs.
 - b. Copy of Immigration documents: Visa, Passport, I-94, all I-20's since the student entered to the United States. Student must submit this documentation to the Office of International Affairs

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.

- Students who have completed all four years in an accredited U.S. high school
- 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. 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.

The Office of International Affairs 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.

International Graduate Readmission

All active 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 \$50 application fee. Students, who were previously conditionally admitted (Other than F-1 student visa) prior to submitting test scores, but failed to submit their scores, will be required to submit test scores prior to evaluation.

A&M-SA returning graduate students who have attended other institutions of higher education in the U.S. since they were last enrolled at A&M-SA must submit current U.S. official transcripts from each institution attended prior to readmission. If the students have attended foreign institutions, students must submit an official credential evaluation (course-by-course) report. 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.

Post-masters students from Texas A&M University-San Antonio who are returning for certification must apply as international graduate non-degree seeking and must specify which department they intend to take coursework in, on their ApplyTexas application.

Graduate GPA Calculation

Grades received at other colleges/universities will be converted into Texas A&M University-San Antonio's grading system; plus/minus grading systems will not be used. If any courses are repeated across institutions, only the highest grade will be used to calculate GPA. Credit/non-credit and developmental coursework will not be considered. GPA for graduate level coursework may also be considered.

Graduate Admission Decisions

Unconditional Admission

Applicants who have earned a baccalaureate degree from a regionally accredited college or university and who meet one of the following sets of minimum requirements is offered unconditional admission:

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. College of Business applicants must meet the following combined GPA and GMAT requirements for unconditional admission: **970-(GPA X 200) = minimum required GMAT score.**

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 for International Students

Applicants who are conditionally admitted to the university (This does NOT apply to students on an F-1 visa) will remain under a conditional admission status, and must meet the departmental requirements in order to remain in the programs. Conditional admission means that there is an outstanding departmental requirements that must be met in order to enroll in subsequent semesters. For example, applicants' standardized test results must be received by the Office of International Affairs no later than midterm of their first semester of their enrollment to register for subsequent semesters. Students who have been conditionally admitted must meet the departmental requirements in order to remain enroll in the program. All departmental requirements are maintained by the department.

Letter of Degree Completion

Applicants may be eligible to be evaluated prior to earning a bachelor's degree through the letter of degree completion process. Applicants must be in their last term of a bachelor's program to be evaluated. The letter of degree completion process is only available during the long terms (fall and spring). Summer applicants cannot be processed with the letter of degree completion. International applicants are not eligible. Letter of Degree Completion eligibility does not guarantee admission to the university. Applicants must meet both program and GPA eligibility as outlined below.

Eligible Programs: Applicants applying to the Masters of Counseling and Guidance, the Masters of Kinesiology, the Masters of English or any program in the College of Business are eligible for this process.

Non-Eligible Programs: Applicants applying as Non-Degree Seeking, or applying to a Master's program with a Certification in the College of Education.

GPA Eligibility: A cumulative GPA of a 3.00 or better in all undergraduate coursework taken is required.

Letter of Degree Completion – Steps to Apply

1. Complete the application for admission at ApplyTexas.org.
2. Pay non-refundable \$50 application fee.
3. Submit official transcripts from all colleges or universities attended (both undergraduate and graduate), including the transcript from the degree awarding institution which indicates "coursework in progress" for

the term in which the applicant is anticipated to graduate.

4. A Letter of Degree Completion from the applicants Academic Advisor. The letter must state—which courses the applicant is registered for that will complete the degree requirements, must also state that pending the completion of the “courses in progress” the student will graduate, and must indicate the anticipated date of graduation and the anticipated degree. The Letter of Degree Completion must be emailed directly from the applicant’s Academic Advisor to graduateadmissions@tamusa.edu.

Only Conditional Admission can be offered for applicants being admitted with a Letter of Degree Completion. If the applicant does not submit a final college transcript with a bachelor’s degree posted, they will be ineligible to register for future semesters.

International applicants may be considered for conditional admission **only** if they are on a visa that does not fall under the F-1 category. Students on F-1 visa status will not be considered for conditional admission, “*The provisional issuance of Forms I-20 is a violation of 8 CFR 214.3(k). According to that regulation. A designated school official may not issue a Form I-20 until the appropriate school authority has determined that the prospective student’s qualifications meet all standards for admission at the school which has accepted the prospective student for enrollment in a full course of study.*”

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

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 Office of International Affairs. 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 Office of International Affairs 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, (**except students on an F-1 visa**). 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

Applicants 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. Applicants who already hold a master's degree in a program cannot apply for the same program. 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 Coursework 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 department determines it is necessary.

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. Coursework 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. 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.

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 Budget for 2018-2019 (Texas Resident and Non-Resident) Fall and Spring (award year of nine months)

	Full Time (15 hours)		
	At home	Residence hall	Off-campus
Tuition & Fees	\$8,060	\$8,060	\$8,060
Room & Board	\$2,624	\$10,420	\$8,056
Books	\$1,368	\$1,368	\$1,368
Transportation	\$2,624	\$2,624	\$2,624
Miscellaneous	\$2,240	\$3,008	\$3,008
Resident Total	\$16,916	\$25,480	\$23,116
Non-Resident Fee	\$13,100	\$13,100	\$13,100
Non-Resident Total	\$30,016	\$38,580	\$36,216

A&M-San Antonio Graduate Student Budget for 2018-2019 (Texas Resident and Non-Resident) Fall and Spring (award year of nine months)

	Full Time (9 hours)		
	At home	Residence hall	Off-campus
Tuition & Fees	\$5,832	\$5,832	\$5,832
Room & Board	\$2,624	\$10,420	\$8,056
Books	\$1,028	\$1,028	\$1,028
Transportation	\$2,624	\$2,624	\$2,624
Miscellaneous	\$2,240	\$3,008	\$3,008
Resident Total	\$14,348	\$22,912	\$20,548
Non-Resident Fee	\$15,668	\$15,668	\$15,668
Non-Resident Total	\$30,016	\$38,580	\$36,216

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. Payment of past due accounts by check (paper or electronic) may result in a ten day delay in clearing any associated holds to allow time for the payment to clear.

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.

Guaranteed Tuition Plan

Effective Fall 2018, undergraduate resident students default into the One Year Option Tuition and Fee Plan at the point of admission acceptance. The One Year Option Tuition and Fee Plan is locked in for the current academic year, and may increase each year thereafter.

First time students may opt into the Guaranteed Plan on or before the census date for their initial term. To complete the process of opting into the Guaranteed Plan, students must log into their account via JagWire, click on **Classes and Registration** and follow the steps to opt-in.

The Guaranteed Plan covers: Statutory Tuition, Designated Tuition, and All Mandatory Fees (International Education Fee, Rec Sports Fee, and University Services Fee). It does not cover optional fees such as Ebook course fees, field trip fees, parking permits, etc.

Students who initially enrolled with University prior to fall 2016 were placed in a mandatory Guaranteed Plan for up to three years (nine consecutive terms). Effective fall 2016 through summer 2018, students who enrolled with the University defaulted into a Guaranteed Plan that is in effect for up to four years (12 consecutive terms) based on classification at the point of admission acceptance. Freshmen will have 4 years, sophomores will have 3 years, and juniors will have 2 years. Undergraduate resident students who continue enrollment after the expiration of their Guaranteed Plan will be assessed tuition and fees based on the One Year Option Tuition and Fee rates in effect at that time. Tuition and fee tables for both plans may be found at Tuition and Fee Tables.

IMPORTANT: Students who opt in to the Guaranteed Plan will be locked in to the Guaranteed Tuition and Fee Plan for up to four years (12 consecutive terms) based on classification at the point of opting-in. After opting into the Guaranteed Plan the student is not eligible to opt out of the Guaranteed Plan at a later point in time.

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 non-refundable \$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.
- c. If a student makes payment to enroll in a Deferred Payment Plan and the payment is returned to the University, the University may delete the student's Deferred Payment Plan and the student may be subject to being dropped for non-payment. Refer to the Returned Item Policy for additional information about returned items that are presented as payment for tuition and fees.
- d. A \$15 non-refundable late fee will be assessed for any payment that is not paid in full by the established date of the enrolled Deferred Payment Plan.

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 2.85% of the payment with a minimum of a \$3.00 fee. There is no convenience fee for payment by electronic check. Debit card payments made in the Student Business Services Office are not subject to a convenience fee.

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 or credit card processor 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, money order, debit card or credit card. Only payment in full will be accepted. The University will not accept a personal check as repayment 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.

***Check, in the Returned Item Policy, refers to all forms of checks (electronic and paper). The student is responsible for any checks presented on their behalf.**

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).

Veterans' Access, Choice, and Accountability Act of 2014

In August 2014 Congress passed the Veterans Access, Choice, and Accountability Act of 2014. Section 702 of the "Choice Act" requests that Texas A&M University-San Antonio provide in-state residency for tuition purposes to veterans and their family members using the Post 9/11 GI Bill (Chapter 33) or the Active Duty Montgomery GI Bill (Chapter 30) for terms that begin after July 1, 2015 with the following qualifying circumstances:

- A Veteran who lives in the state in which the institution of higher learning is located (regardless of his/her formal state of residence) and enrolls in the school within three years of discharge from a period of active duty service of 90 days or more.
- A spouse or child using transferred benefits who lives in the state in which the institution of higher learning is located (regardless of his/her formal state of residence) and enrolls in the school within 3 years of the transferor's discharge from a period of active duty service of 90 days or more.
- A spouse or child using benefits under the Marine Gunnery Sergeant John David Fry Scholarship who lives in the state in which the institution of higher learning is located (regardless of his/her formal state of residence) and enrolls in the school within three years of the service-member's death in the line of duty following a period of active duty service of 90 days or more.

A student seeking in-state tuition under Section 702 must be using GI Bill entitlement for the term in which their resident status will be evaluated.

A residence determination cannot be made until all supporting documents have been received. Once a covered individual is determined to have met the qualifications for in-state residence, this person will retain his or her status as long as he or she remains continuously enrolled in the institution.

Visit the link for more information regarding the [Section 702 Veterans Choice Act](#).

In order to determine your eligibility under Section 702, please contact the Office of Military Affairs, located in the Patriots' Casa, suite 202. They can be reached by phone: (210) 784-1397 or email: military@tamusa.edu.

TEXAS A&M UNIVERSITY-SAN ANTONIO
2018 – 2019 TEXAS RESIDENT 2, 3, or 4 YEAR GUARANTEED FEES
NEW UNDERGRADUATE FOR FALL 2018, SPRING 2019 OR SUMMER 2019
Fall and Spring-16 Week and 8 Week Parts of Term

Hours	Tuition^{2,3,4}	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	50.00	196.18	3.00	100.00	299.66	648.84
2	100.00	247.57	3.00	100.00	412.06	862.63
3	150.00	331.63	3.00	100.00	524.46	1,109.09
4	200.00	437.46	3.00	100.00	636.86	1,377.32
5	250.00	543.29	3.00	100.00	749.26	1,645.55
6	300.00	649.12	3.00	100.00	861.66	1,913.78
7	350.00	754.95	3.00	100.00	974.06	2,182.01
8	400.00	860.78	3.00	100.00	1,086.46	2,450.24
9	450.00	966.61	3.00	100.00	1,198.86	2,718.47
10	500.00	1,072.44	3.00	100.00	1,311.26	2,986.70
11	550.00	1,178.27	3.00	100.00	1,423.66	3,254.93
12	600.00	1,284.10	3.00	100.00	1,536.06	3,523.16
13	650.00	1,389.93	3.00	100.00	1,648.46	3,791.39
14	700.00	1,495.76	3.00	100.00	1,760.86	4,059.62
15	750.00	1,601.59	3.00	100.00	1,873.26	4,327.85
16	800.00	1,601.59	3.00	100.00	1,985.66	4,490.25
17	850.00	1,601.59	3.00	100.00	2,098.06	4,652.65
18	900.00	1,601.59	3.00	100.00	2,210.46	4,815.05
19	950.00	1,601.59	3.00	100.00	2,322.86	4,977.45
20	1,000.00	1,601.59	3.00	100.00	2,435.26	5,139.85

¹15 semester credit hours or more pay \$\$1601.59 per semester based on flat rate at 15 semester credit hours.

²Add \$50.00 tuition and \$112.40 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$50.00

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
TEXAS RESIDENT 2, 3, or 4 YEAR GUARANTEED FEES 2018 - 2019
NEW UNDERGRADUATE FOR FALL 2018, SPRING 2019 OR SUMMER 2019
Summer 2019 - 10 Week, 5 or 8 Week Parts of Term, and Maymester

Hours	Tuition^{2,3,4}	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	50.00	196.18	3.00	50.00	299.66	598.84
2	100.00	247.57	3.00	50.00	412.06	812.63
3	150.00	331.63	3.00	50.00	524.46	1,059.09
4	200.00	437.46	3.00	50.00	636.86	1,327.32
5	250.00	543.29	3.00	50.00	749.26	1,595.55
6	300.00	649.12	3.00	50.00	861.66	1,863.78
7	350.00	754.95	3.00	50.00	974.06	2,132.01
8	400.00	860.78	3.00	50.00	1,086.46	2,400.24
9	450.00	966.61	3.00	50.00	1,198.86	2,668.47
10	500.00	1,072.44	3.00	50.00	1,311.26	2,936.70
11	550.00	1,178.27	3.00	50.00	1,423.66	3,204.93
12	600.00	1,284.10	3.00	50.00	1,536.06	3,473.16
13	650.00	1,389.93	3.00	50.00	1,648.46	3,741.39
14	700.00	1,495.76	3.00	50.00	1,760.86	4,009.62
15	750.00	1,601.59	3.00	50.00	1,873.26	4,277.85
16	800.00	1,601.59	3.00	50.00	1,985.66	4,440.25
17	850.00	1,601.59	3.00	50.00	2,098.06	4,602.65
18	900.00	1,601.59	3.00	50.00	2,210.46	4,765.05
19	950.00	1,601.59	3.00	50.00	2,322.86	4,927.45
20	1,000.00	1,601.59	3.00	50.00	2,435.26	5,089.85

¹15 semester credit hours or more pay \$\$1601.59 per semester based on flat rate at 15 semester credit hours.

²Add \$50.00 tuition and \$112.40 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$50.00

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
2018-2019 Texas Resident 2, 3, or 4 Year Guaranteed Fees
Fall and Spring – 16 Week and 8 Week Parts of Term
New Undergraduate for Fall 2017, Spring 2018, or Summer 2018

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	280.00	596.07
2	120.00	186.14	3.00	100.00	392.78	801.91
3	150.00	279.21	3.00	100.00	505.56	1,037.77
4	200.00	372.28	3.00	100.00	618.34	1,293.62
5	250.00	465.35	3.00	100.00	731.12	1,549.47
6	300.00	558.42	3.00	100.00	843.90	1,805.32
7	350.00	651.49	3.00	100.00	956.68	2,061.17
8	400.00	744.56	3.00	100.00	1,069.46	2,317.02
9	450.00	837.63	3.00	100.00	1,182.24	2,572.87
10	500.00	930.70	3.00	100.00	1,295.02	2,828.72
11	550.00	1,023.77	3.00	100.00	1,407.80	3,084.57
12	600.00	1,116.84	3.00	100.00	1,520.58	3,340.42
13	650.00	1,209.91	3.00	100.00	1,633.36	3,596.27
14	700.00	1,302.98	3.00	100.00	1,746.14	3,852.12
15	750.00	1,396.05	3.00	100.00	1,858.92	4,107.97
16	800.00	1,396.05	3.00	100.00	1,971.70	4,270.75
17	850.00	1,396.05	3.00	100.00	2,084.48	4,433.53
18	900.00	1,396.05	3.00	100.00	2,197.26	4,596.31
19	950.00	1,396.05	3.00	100.00	2,310.04	4,759.09
20	1,000.00	1,396.05	3.00	100.00	2,422.82	4,921.87

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 \$112.78 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
2018-2019 Texas Resident 2, 3, or 4 Year Guaranteed Fees
Summer 2019 – 10 Week and 5 or 8 Week Parts of Term
New Undergraduate for Fall 2017, Spring 2018, or Summer 2018

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	280.00	546.07
2	120.00	186.14	3.00	50.00	392.78	751.91
3	150.00	279.21	3.00	50.00	505.56	987.77
4	200.00	372.28	3.00	50.00	618.34	1,243.62
5	250.00	465.35	3.00	50.00	731.12	1,499.47
6	300.00	558.42	3.00	50.00	843.90	1,755.32
7	350.00	651.49	3.00	50.00	956.68	2,011.17
8	400.00	744.56	3.00	50.00	1,069.46	2,267.02
9	450.00	837.63	3.00	50.00	1,182.24	2,522.87
10	500.00	930.70	3.00	50.00	1,295.02	2,778.72
11	550.00	1,023.77	3.00	50.00	1,407.80	3,034.57
12	600.00	1,116.84	3.00	50.00	1,520.58	3,290.42
13	650.00	1,209.91	3.00	50.00	1,633.36	3,546.27
14	700.00	1,302.98	3.00	50.00	1,746.14	3,802.12
15	750.00	1,396.05	3.00	50.00	1,858.92	4,057.97
16	800.00	1,396.05	3.00	50.00	1,971.70	4,220.75
17	850.00	1,396.05	3.00	50.00	2,084.48	4,383.53
18	900.00	1,396.05	3.00	50.00	2,197.26	4,546.31
19	950.00	1,396.05	3.00	50.00	2,310.04	4,709.09
20	1000.00	1,396.05	3.00	50.00	2,422.82	4,871.87

¹Students enrolled in 15 semester credit hours (SCH) or more pay \$1396.05 per semester based on flat rate at 15 SCH's

²Add \$50.00 tuition and \$112.78 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
2018-2019 Texas Resident One-year Option Fees
Fall and Spring – 16 Week and 8 Week Parts of Term
New Undergraduate for Fall 2018, Spring 2019, or Summer 2019

Hours	Tuition^{2,3,4}	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	50.00	165.28	3.00	100.00	299.66	617.94
2	100.00	206.49	3.00	100.00	412.06	821.55
3	150.00	278.82	3.00	100.00	524.46	1,056.28
4	200.00	371.88	3.00	100.00	636.86	1,311.74
5	250.00	464.94	3.00	100.00	749.26	1,567.20
6	300.00	558.00	3.00	100.00	861.66	1,822.66
7	350.00	651.06	3.00	100.00	974.06	2,078.12
8	400.00	744.12	3.00	100.00	1,086.46	2,333.58
9	450.00	837.18	3.00	100.00	1,198.86	2,589.04
10	500.00	930.24	3.00	100.00	1,311.26	2,844.50
11	550.00	1,023.30	3.00	100.00	1,423.66	3,099.96
12	600.00	1,116.36	3.00	100.00	1,536.06	3,355.42
13	650.00	1,209.42	3.00	100.00	1,648.46	3,610.88
14	700.00	1,302.48	3.00	100.00	1,760.86	3,866.34
15	750.00	1,395.54	3.00	100.00	1,873.26	4,121.80
16	800.00	1,395.54	3.00	100.00	1,985.66	4,284.20
17	850.00	1,395.54	3.00	100.00	2,098.06	4,446.60
18	900.00	1,395.54	3.00	100.00	2,210.46	4,609.00
19	950.00	1,395.54	3.00	100.00	2,322.86	4,771.40
20	1,000.00	1,395.54	3.00	100.00	2,435.26	4,933.80

¹15 semester credit hours or more pay \$1395.54 per semester based on flat rate at 15 semester credit hours.

²Add \$50.00 tuition and \$112.40 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$50.00

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 or legislative mandate.

Texas A&M University-San Antonio
2018-2019 Texas Resident One-year Option Fees
Summer 2019 – 10 Week and 5 or 8 Week Parts of Term
New Undergraduate for Fall 2018, Spring 2019, or Summer 2019

Hours	Tuition^{2,3,4}	Designated Tuition¹	International Ed Fee	Rec Sports Fee	University Services Fee²	Total
1	50.00	165.28	3.00	50.00	299.66	567.94
2	100.00	206.49	3.00	50.00	412.06	771.55
3	150.00	278.82	3.00	50.00	524.46	1,006.28
4	200.00	371.88	3.00	50.00	636.86	1,261.74
5	250.00	464.94	3.00	50.00	749.26	1,517.20
6	300.00	558.00	3.00	50.00	861.66	1,772.66
7	350.00	651.06	3.00	50.00	974.06	2,028.12
8	400.00	744.12	3.00	50.00	1,086.46	2,283.58
9	450.00	837.18	3.00	50.00	1,198.86	2,539.04
10	500.00	930.24	3.00	50.00	1,311.26	2,794.50
11	550.00	1,023.30	3.00	50.00	1,423.66	3,049.96
12	600.00	1,116.36	3.00	50.00	1,536.06	3,305.42
13	650.00	1,209.42	3.00	50.00	1,648.46	3,560.88
14	700.00	1,302.48	3.00	50.00	1,760.86	3,816.34
15	750.00	1,395.54	3.00	50.00	1,873.26	4,071.80
16	800.00	1,395.54	3.00	50.00	1,985.66	4,234.20
17	850.00	1,395.54	3.00	50.00	2,098.06	4,396.60
18	900.00	1,395.54	3.00	50.00	2,210.46	4,559.00
19	950.00	1,395.54	3.00	50.00	2,322.86	4,721.40
20	1000.00	1,395.54	3.00	50.00	2,435.26	4,883.80

¹Students enrolled in 15 semester credit hours (SCH) or more pay \$1395.54 per semester based on flat rate at 15 SCH's

²Add \$50.00 tuition and \$112.40 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$50.00

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 or legislative mandate.

Texas A&M University-San Antonio
2018-2019 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 \$108.26 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
2018-2019 Texas Resident Guaranteed Tuition and Fees
Summer 2019 – 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 \$107.69 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
2018-2019 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
2018-2019 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	465.00	127.41	3.00	100.00	266.02	961.43
2	930.00	244.99	3.00	100.00	370.45	1,648.44
3	1,395.00	362.57	3.00	100.00	474.88	2,335.45
4	1,860.00	480.15	3.00	100.00	579.31	3,022.46
5	2,325.00	597.73	3.00	100.00	683.74	3,709.47
6	2,790.00	715.31	3.00	100.00	788.17	4,396.48
7	3,255.00	832.89	3.00	100.00	892.60	5,083.49
8	3,720.00	950.47	3.00	100.00	997.03	5,770.50
9	4,185.00	1,068.05	3.00	100.00	1,101.46	6,457.51
10	4,650.00	1,185.63	3.00	100.00	1,205.89	7,144.52
11	5,115.00	1,303.21	3.00	100.00	1,310.32	7,831.53
12	5,580.00	1,420.79	3.00	100.00	1,414.75	8,518.54
13	6,045.00	1,538.37	3.00	100.00	1,519.18	9,205.55
14	6,510.00	1,655.95	3.00	100.00	1,623.61	9,892.56
15	6,975.00	1,773.53	3.00	100.00	1,728.04	10,579.57
16	7,440.00	1,773.53	3.00	100.00	1,832.47	11,149.00
17	7,905.00	1,773.53	3.00	100.00	1,936.90	11,718.43
18	8,370.00	1,773.53	3.00	100.00	2,041.33	12,287.86
19	8,835.00	1,773.53	3.00	100.00	2,145.76	12,857.29
20	9,300.00	1,773.53	3.00	100.00	2,250.19	13,426.72

¹15 semester credit hours or more pay \$1773.53 per semester based on flat rate at 15 semester credit hours.

²Add \$465.00 tuition and \$104.43 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$465.00

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 or legislative mandate.

Texas A&M University-San Antonio
2018-2019 Non-Texas Resident Tuition and Fees
Summer 2019 – 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	465.00	124.62	3.00	50.00	266.02	908.64
2	930.00	242.20	3.00	50.00	370.45	1,595.65
3	1,395.00	359.78	3.00	50.00	474.88	2,282.66
4	1,860.00	477.36	3.00	50.00	579.31	2,969.67
5	2,325.00	594.94	3.00	50.00	683.74	3,656.68
6	2,790.00	712.52	3.00	50.00	788.17	4,343.69
7	3,255.00	830.10	3.00	50.00	892.60	5,030.70
8	3,720.00	947.68	3.00	50.00	997.03	5,717.71
9	4,185.00	1,065.26	3.00	50.00	1,101.46	6,404.72
10	4,650.00	1,182.84	3.00	50.00	1,205.89	7,091.73
11	5,115.00	1,300.42	3.00	50.00	1,310.32	7,778.74
12	5,580.00	1,418.00	3.00	50.00	1,414.75	8,465.75
13	6,045.00	1,535.58	3.00	50.00	1,519.18	9,152.76
14	6,510.00	1,653.16	3.00	50.00	1,623.61	9,839.77
15	6,975.00	1,770.74	3.00	50.00	1,728.04	10,526.78
16	7,440.00	1,770.74	3.00	50.00	1,832.47	11,096.21
17	7,905.00	1,770.74	3.00	50.00	1,936.90	11,665.64
18	8,370.00	1,770.74	3.00	50.00	2,041.33	12,235.07
19	8,835.00	1,770.74	3.00	50.00	2,145.76	12,804.50
20	9,300.00	1,770.74	3.00	50.00	2,250.19	13,373.93

¹15 semester credit hours or more pay \$1770.74 per semester based on flat rate at 15 semester credit hours.

²Add \$465.00 tuition and \$104.43 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$465.00

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
2018-2019 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	50.00	50.00	185.29	3.00	100.00	235.49	623.78
2	100.00	100.00	237.01	3.00	100.00	327.41	867.42
3	150.00	150.00	319.78	3.00	100.00	419.33	1,142.11
4	200.00	200.00	423.41	3.00	100.00	511.25	1,437.66
5	250.00	250.00	527.04	3.00	100.00	603.17	1,733.21
6	300.00	300.00	630.67	3.00	100.00	695.09	2,028.76
7	350.00	350.00	734.30	3.00	100.00	787.01	2,324.31
8	400.00	400.00	837.93	3.00	100.00	878.93	2,619.86
9	450.00	450.00	941.56	3.00	100.00	970.85	2,915.41
10	500.00	500.00	1,045.19	3.00	100.00	1,062.77	3,210.96
11	550.00	550.00	1,148.82	3.00	100.00	1,154.69	3,506.51
12	600.00	600.00	1,252.45	3.00	100.00	1,246.61	3,802.06
13	650.00	650.00	1,356.08	3.00	100.00	1,338.53	4,097.61
14	700.00	700.00	1,459.71	3.00	100.00	1,430.45	4,393.16
15	750.00	750.00	1,563.34	3.00	100.00	1,522.37	4,688.71
16	800.00	800.00	1,563.34	3.00	100.00	1,614.29	4,880.63
17	850.00	850.00	1,563.34	3.00	100.00	1,706.21	5,072.55
18	900.00	900.00	1,563.34	3.00	100.00	1,798.13	5,264.47
19	950.00	950.00	1,563.34	3.00	100.00	1,890.05	5,456.39
20	1,000.00	1,000.00	1,563.34	3.00	100.00	1,981.97	5,648.31

¹15 semester credit hours or more pay \$1563.34 per semester based on flat rate at 15 semester credit hours.

²Add \$50.00 tuition, \$50.00 graduate tuition, and \$91.92 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$50.00

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 or legislative mandate.

Texas A&M University-San Antonio
2018-2019 Texas Resident Tuition and Fees
Summer 2019 – 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	50.00	50.00	183.41	3.00	50.00	233.75	570.16
2	100.00	100.00	235.18	3.00	50.00	325.73	813.91
3	150.00	150.00	318.14	3.00	50.00	417.71	1,088.85
4	200.00	200.00	421.75	3.00	50.00	509.69	1,384.44
5	250.00	250.00	525.36	3.00	50.00	601.67	1,680.03
6	300.00	300.00	628.97	3.00	50.00	693.65	1,975.62
7	350.00	350.00	732.58	3.00	50.00	785.63	2,271.21
8	400.00	400.00	836.19	3.00	50.00	877.61	2,566.80
9	450.00	450.00	939.80	3.00	50.00	969.59	2,862.39
10	500.00	500.00	1,043.41	3.00	50.00	1,061.57	3,157.98
11	550.00	550.00	1,147.02	3.00	50.00	1,153.55	3,453.57
12	600.00	600.00	1,250.63	3.00	50.00	1,245.53	3,749.16
13	650.00	650.00	1,354.24	3.00	50.00	1,337.51	4,044.75
14	700.00	700.00	1,457.85	3.00	50.00	1,429.49	4,340.34
15	750.00	750.00	1,561.46	3.00	50.00	1,521.47	4,635.93
16	800.00	800.00	1,561.46	3.00	50.00	1,613.45	4,827.91
17	850.00	850.00	1,561.46	3.00	50.00	1,705.43	5,019.89
18	900.00	900.00	1,561.46	3.00	50.00	1,797.41	5,211.87
19	950.00	950.00	1,561.46	3.00	50.00	1,889.39	5,403.85
20	1,000.00	1,000.00	1,561.46	3.00	50.00	1,981.37	5,595.83

¹15 semester credit hours or more pay \$1561.46 per semester based on flat rate at 15 semester credit hours.

²Add \$50.00 tuition, \$50.00 graduate tuition, and \$91.98 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$50.00

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 or legislative mandate.

Texas A&M University-San Antonio
2018-2019 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	465.00	50.00	129.26	3.00	100.00	266.92	1,014.18
2	930.00	100.00	248.77	3.00	100.00	373.45	1,755.22
3	1,395.00	150.00	368.28	3.00	100.00	479.98	2,496.26
4	1,860.00	200.00	487.79	3.00	100.00	586.51	3,237.30
5	2,325.00	250.00	607.30	3.00	100.00	693.04	3,978.34
6	2,790.00	300.00	726.81	3.00	100.00	799.57	4,719.38
7	3,255.00	350.00	846.32	3.00	100.00	906.10	5,460.42
8	3,720.00	400.00	965.83	3.00	100.00	1,012.63	6,201.46
9	4,185.00	450.00	1,085.34	3.00	100.00	1,119.16	6,942.50
10	4,650.00	500.00	1,204.85	3.00	100.00	1,225.69	7,683.54
11	5,115.00	550.00	1,324.36	3.00	100.00	1,332.22	8,424.58
12	5,580.00	600.00	1,443.87	3.00	100.00	1,438.75	9,165.62
13	6,045.00	650.00	1,563.38	3.00	100.00	1,545.28	9,906.66
14	6,510.00	700.00	1,682.89	3.00	100.00	1,651.81	10,647.70
15	6,975.00	750.00	1,802.40	3.00	100.00	1,758.34	11,388.74
16	7,440.00	800.00	1,802.40	3.00	100.00	1,864.87	12,010.27
17	7,905.00	850.00	1,802.40	3.00	100.00	1,971.40	12,631.80
18	8,370.00	900.00	1,802.40	3.00	100.00	2,077.93	13,253.33
19	8,835.00	950.00	1,802.40	3.00	100.00	2,184.46	13,874.86
20	9,300.00	1,000.00	1,802.40	3.00	100.00	2,290.99	14,496.39

¹15 semester credit hours or more pay \$1802.40 per semester based on flat rate at 15 semester credit hours.

²Add \$465.00 tuition, \$50.00 graduate tuition, and \$106.53 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$465.00

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 or legislative mandate.

Texas A&M University-San Antonio
2018-2019 Non-Texas Resident Tuition and Fees
Summer 2019 – 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	465.00	50.00	126.79	3.00	50.00	266.92	961.71
2	930.00	100.00	246.30	3.00	50.00	373.45	1,702.75
3	1,395.00	150.00	365.81	3.00	50.00	479.98	2,443.79
4	1,860.00	200.00	485.32	3.00	50.00	586.51	3,184.83
5	2,325.00	250.00	604.83	3.00	50.00	693.04	3,925.87
6	2,790.00	300.00	724.34	3.00	50.00	799.57	4,666.91
7	3,255.00	350.00	843.85	3.00	50.00	906.10	5,407.95
8	3,720.00	400.00	963.36	3.00	50.00	1,012.63	6,148.99
9	4,185.00	450.00	1,082.87	3.00	50.00	1,119.16	6,890.03
10	4,650.00	500.00	1,202.38	3.00	50.00	1,225.69	7,631.07
11	5,115.00	550.00	1,321.89	3.00	50.00	1,332.22	8,372.11
12	5,580.00	600.00	1,441.40	3.00	50.00	1,438.75	9,113.15
13	6,045.00	650.00	1,560.91	3.00	50.00	1,545.28	9,854.19
14	6,510.00	700.00	1,680.42	3.00	50.00	1,651.81	10,595.23
15	6,975.00	750.00	1,799.93	3.00	50.00	1,758.34	11,336.27
16	7,440.00	800.00	1,799.93	3.00	50.00	1,864.87	11,957.80
17	7,905.00	850.00	1,799.93	3.00	50.00	1,971.40	12,579.33
18	8,370.00	900.00	1,799.93	3.00	50.00	2,077.93	13,200.86
19	8,835.00	950.00	1,799.93	3.00	50.00	2,184.46	13,822.39
20	9,300.00	1,000.00	1,799.93	3.00	50.00	2,290.99	14,443.92

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

²Add \$465.00 tuition, \$50.00 graduate tuition, and \$106.53 University Services fee for each semester credit hour over 20. Other fees remain the same.

³MINIMUM TUITION: \$465.00

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 or legislative mandate.

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 designated 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.

Disabled veterans, Congressional Medal of Honor recipients, former Prisoners of War, Pearl Harbor survivors, and Purple Heart recipients whose vehicles display the special license plate issued by the Texas Department of Transportation, upon registration and proper notification of UPD, are exempt from the payment of fees for any University surface parking permit for which they are otherwise eligible, in accordance with state law. This privilege applies to the veteran only and not to anyone else driving the vehicle.

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	\$50
Undergraduate (domestic) Application Fee	\$15
Graduate (domestic) Application Fee	\$35
International Application Fee	\$50
Master's Graduation Fee, Plan Two and Plan Three	\$50
New Student Orientation Fee	\$75
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
Educator Preparation Program Fee	\$55

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</u> (Weeks)	<u>Census Date</u>	<u>Length of Term</u> (Weeks)	<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 BankMobile 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. BankMobile Vibe checking account
 - 3. Mailed check

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 may receive their refund by mailed check regardless of their BankMobile 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

Angelika Williams
Director of Scholarships & Financial Aid
Senator Frank L. Madla Building, Room 106
(210)784-1300
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 A&M-San Antonio an applicant must:

- Complete a Free Application for Federal Student Aid (FAFSA) or Texas Application for State Financial Aid (TASFA)
- Be enrolled and accepted to Texas A&M University – San Antonio as a regular student in an eligible degree or eligible certificate program;
- Not be enrolled simultaneously in elementary or secondary school
- Meet one of the following academic criteria:
 - Have a high school diploma
 - Have the recognized equivalent of a high school diploma (See Office of Admission for relevant policies and procedures)
 - Be home schooled (See Office of Admission for relevant policies and procedures)
- Be a US citizen or an eligible noncitizen;
- 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 in default on a Title IV loan or, if in default, have made satisfactory repayment arrangements with the loan servicer
- Have not obtained loan amounts that exceeds annual or aggregate loan limits made under any Title IV loan program
- Not be liable for any overpayment of a Title IV grant or Federal Perkins Loan or, if liable, have made satisfactory repayment arrangements with the holder of the debt
- Not have property which is subject to a judgment lien for a debt owed to the U.S. or, if subject to a judgment lien, have made satisfactory repayment arrangements with the debt holder
- Not have been convicted of an offense involving the possession or sale of illegal drugs that occurred while enrolled and receiving Title IV aid ;
- Have completed repayment of funds to either ED or the holder of a loan, as applicable, if the student has been convicted of, or pled nolo contendere or guilty to, a crime involving fraud in obtaining Title IV aid
- 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 A&M-San Antonio applies this rule to ALL students applying for aid. Please review the Satisfactory Academic Progress Requirements ([SAP](#)).
- Students must re-apply for financial assistance **every year** by completing the requirements stated above. The award does not continue automatically beyond award year;

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. In addition, it is the student's responsibility to read all information sent to the Jaguar email, which is considered the official means of communication for such purposes, and check the JagWire account regularly for additional financial aid requirements. 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 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
- Direct PLUS Loans
- Federal Pell Grants for which a return of Title IV funds is required
- Federal Supplemental Educational Opportunity Grants for which a return of Title IV funds is required
- Iraq and Afghanistan Service Grant for which a return of Title IV funds is required

Returning funds to these programs could result in a balance coming due to the University on the student's account

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.
- Read all information sent to the Jaguar email, which is considered the official means of communication for such purposes, and check the JagWire account regularly for additional financial aid requirements.
- 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. Upon leaving the institution, a hold is placed on a student's account to prevent the receipt of an official transcript or diploma. Completion of Exit Counseling will allow for removal of the hold.
- 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, who complete their application materials to the Office of Scholarships & Financial Aid by the January 15 priority date, and are accepted to the University at the time of awarding. 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 and/or meet the priority date until all of the funds are committed for the year. If the file is completed after January 15, the awards may be limited to Federal Pell Grant, Federal Direct Loans and any funding that remains. Students must apply annually (on or after October 1st of each year) 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. This information may also be obtained 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: January 15th

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 Federal School Code for A&M-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 at www.fafsa.ed.gov 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 required to submit specific documents to complete the financial aid process. Students also will receive notification via the official university email account of any additional documentation required to complete the federal verification process.
5. To be eligible for federal funding, students MUST be a fully admitted and a degree-seeking student. Students can check their status online through [JagWire](#).
6. Typically, 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. The award notice will include information such as 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 in the University Welcome Center. Rm 111 in the Frank Madla Building to assist students through any step in the financial aid process.

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 A&M-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.

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 18 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 a student's permanent residence, and transportation costs to and from their local address in order to attend 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 A&M-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.

Students should familiarize themselves with their University e-mail address to ensure they receive important financial aid messages. For instance, award letters are e-mailed to the student's University email account informing the student of their financial aid award, amount, source, and any other requirements that may be required to receive financial assistance. The student must accept or decline the financial aid award and amount. If the financial aid award or amount is accepted by the student, the Office of Scholarships and Financial will apply the financial aid award and amount as a payment to the student's account with Student Business Services. If declined, no financial aid or assistance will apply to the student's account with Student Business Services.

ACCEPTING AWARDS ONLINE

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

1. On the A&M-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**. Students registered in any term and have Pell Grant eligibility applied will have their classes automatically held from being dropped and the student is responsible for any and all tuition and fees.

TYPES OF AID

There are various types of financial aid at A&M-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 A&M-San Antonio, please read additional information pertaining to each grant.

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.

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, 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 12 semesters or 6 years of undergraduate study (See **Continued Eligibility** Section).

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 the student may receive is limited by federal law to be the equivalent of six years or 600% of eligibility used.

If a student's Federal Pell Grant eligibility used equals or exceeds 600%, the student will no longer receive Federal Pell Grant funding. Similarly, if a student's Federal Pell Grant eligibility used is greater than 500% but less than 600%, the student may be eligible for a Federal Pell Grant, but may not be able to receive a full scheduled award.

Students can log on to [National Student Loan Data System](#) (NSLDS®) using their FSA ID and view their Federal Pell Grant eligibility used. The Federal Pell Grant eligibility used can be found on the Financial Aid Review page.

To learn more about the Federal Pell Grant limits and how 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).
- A student must be an undergraduate who has not earned a first baccalaureate degree.

The maximum award at A&M-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.

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:

- 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 5430
- 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 and Graduate Tuition Grant

Student must be a Texas Resident, maintain satisfactory academic progress, and demonstrate financial need. The maximum award is \$2000 per academic year.

WORK STUDY

The Work-Study Program helps eligible students defray the cost of post-secondary education. The Work-Study Program is a financial aid program designed to provide part-time employment opportunities with eligible on-campus and off-campus entities. Eligible students also have the opportunity to gain valuable experience while pursuing a college education. To qualify, a student must demonstrate financial need and must be enrolled at half-time. The amount of the award may vary based on the student's classification and grade level. Once awarded, the student must interview, and secure employment with on or off campus entities that are established in the Work-Study Program.

Eligibility must be established each year:

- A student must be enrolled in an eligible program as a degree-seeking student.
- A student must meet all Title IV requirements.

Work Hours

While classes are in session you can work up to a maximum of nineteen (19) hours per week.

Work-Study Dress

Offices typically require work-study students to dress business-casual. Some offices allow their work-study students to dress more casually, so student must be sure to check with their employer. Students must remember that they are working in a professional setting and need to dress accordingly.

Jobs Other Than Work-Study

Work-study is awarded on a first-come, first-served basis to students with financial need (as determined by the student's FAFSA). Therefore, work-study funds are limited. Student may contact Career Services regarding regular wage positions both on and off campus. Many on-campus regular wage positions offer work opportunities in the same

offices in which work-study students are employed.

Dates for Earning Work-Study Award

Work-study is awarded by semester. To earn work-study wages during a semester, a student must have been awarded the funds for that period and be working in a work-study position. The days within a semester in which a student can earn work-study wages will be published on the Texas A&M University-San Antonio Financial Aid website.

FEDERAL DIRECT LOANS

The Direct Loan program is provided and administered by the 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 by the U.S. Department of Education. The type of loan offered is based upon the results of the FAFSA.

Loan Type	Origination Fees	Interest Rate
Undergraduate Subsidized Direct Loan	1.066%	4.45%
Undergraduate Unsubsidized Direct Loan	1.066%	4.45%
Graduate Unsubsidized Direct Loan	1.066%	6.00%
Direct PLUS Loans (Parent & Graduate)	4.264%	7.00%

Origination fees are fees assessed by lenders to help offset the cost of processing the loan. The origination fee is assessed on each loan disbursement. Origination fees are subject to change under the regulations set by the U.S. Department of Education.

Interest rates are amounts charged to a borrower for the privilege of using the lender's money. The interest is calculated as a percentage of the principal balance of the loan. Interest rates are subject to change under the regulations set by the U.S. Department of Education.

Direct Loan Processing

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

Step 1: Accept or Reject the Direct Loan

- On the A&M-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 Regulations.

Direct Loan Exit Counseling

Upon withdrawing, graduating, dropping below half-time, or simply not returning to A&M-San Antonio, students will be sent information on how to complete Exit Counseling. Upon leaving the institution, a hold is placed on a student’s account to prevent the receipt of an official transcript or diploma. Completion of Exit Counseling will allow for removal of the hold.

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 and 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.
- First-time borrowers in the first year of an undergraduate program must wait 30 calendar days after the first day of classes to have their federal student loans 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 PLUS Loan Counseling and 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 account with Student Business Services (SBS) :

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 via BankMobile. Direct deposit to the student's financial institution 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

Students must accept the Financial Aid Terms and Conditions which authorizes A&M-San Antonio to apply all financial aid funds to the student's A&M-SA account with Student Business Services. Funds will be used to pay any current outstanding educational charges if needed. Thereafter, any excess proceeds will be released to the student. The student is responsible for officially notifying the appropriate offices, beginning with the Registrar's Office, if the student decides not to attend A&M-SA. The student also is responsible for repayment of all unearned funds that previously disbursed as a result of registering and not officially withdrawing within a semester. For further details see the following link:

<http://www.tamusa.edu/financialaid/applyforaid/termsandconditions.html>

Enrollment at Multiple Institutions

A student may not receive a Federal Pell Grant and/or Federal Student Loans from more than one institution during the same enrollment period (or semester). If it is determined that a student is receiving aid from more than one institution, the Office of Scholarship & Financial Aid will revise that student's financial aid award(s) accordingly. In the event that the financial aid is reduced or cancelled, the student will owe a balance to the Student Business Services Office.

***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.*

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 A&M-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

spring semester 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 students must achieve a minimum cumulative grade point average of 2.00 at A&M-San Antonio to maintain eligibility for financial assistance. Graduate students must achieve a minimum cumulative grade point average of 3.00 at A&M-San Antonio 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. Attempted hours also includes transfer hours and courses for which you received no financial aid.

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 also will 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 A&M-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 A&M-SA 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.

For 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 also will 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 the spring semester for all students enrolled at A&M-San Antonio regardless of whether they are receiving financial aid.

SAP Warning

At the end of each fall semester, the OSFA will evaluate all students' academic progress to determine who are on track to meet the SAP requirements. Students who are not on track will be notified of a financial aid warning status. These students have one more semester to regain the minimums for progress and maintain financial aid eligibility.

Financial Aid Suspension

If a student does not meet the SAP requirements by the end of the spring semester, the student will be placed on financial aid suspension. Once the student is on financial aid suspension, the student is not eligible to receive financial aid until he/she meets the SAP requirements.

Appeal Process

Students who have been placed on financial aid suspension will be given the opportunity to appeal to have their financial aid reinstated. Students who have encountered circumstances beyond their control which have negatively affected their ability to meet the minimum SAP criteria may appeal their SAP status before the term deadline.

An appeal must be submitted to the Office of Scholarships & Financial Aid (OSFA) and approved 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 sufficient 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 beyond the student's control 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 which corresponds to the periods of poor performance (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.

Priority 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, are 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, students 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.

Repayment of Financial Aid Due to Withdrawal

If a student at Texas A&M University-San Antonio withdraws from all registered courses and received any type of financial aid to include, federal, state, or institutional funds, the student may be required to repay all or some of those funds to its original source.

The U.S. Department of Education specifies how Texas A&M University- San Antonio must determine the amount of federal financial aid that a student earned or unearned if he or she withdraws from the university. Federal financial aid covered under federal regulations and guidance defined as: (1) Unsubsidized Direct Loan, (2) Subsidized Direct Loan, (3) Direct PLUS Loan (4) Federal Pell Grant, (5) Federal SEOG, and (6) Iraq and Afghanistan Service Grant.

The amount of federal financial aid earned or unearned is determined by the number of days the student completed in the term. In order for a student to have earned all federal financial aid, the student must be enrolled through the 60 percent of the term. However, if student withdraw, drop out, or stop engaging before this period, the student may only receive a prorated portion of their federal financial aid for that term. The financial aid percentage is determined by dividing the number of completed days by the number of total days in the semester. The number of completed days is calculated by subtracting the start of the semester from the day the student

withdrew from the school by written notification. The earned percentage is multiplied by the amount that the student was eligible to receive to determine the amount of aid that the student has earned. If a student withdraws prior to the term's scheduled disbursement, they are not eligible for any of that term's aid.

The percent **earned is equal to the number of calendar days completed up to the withdrawal date, divided by the total calendar days in the payment period (less any scheduled breaks that are at least 5 days long)*

**The payment period for most students is the entire semester. However, for students enrolled in modules (courses which are not scheduled for the entire semester or term), the payment period only includes those days for the module(s) in which the student is registered.*

The percent **unearned is equal to 100 percent minus the percent earned*

If a student stops attending all classes, does not officially withdraw, and fails to earn a passing grade in at least one course and/or has a 0.0 GPA for the term, the student may be considered an unofficial withdrawal. As a result, the student may be required to repay all or some of those funds to its original source. The U.S. Department of Education requires institutions to closely monitor the attendance of students who receive federal financial aid. At the end of every semester, grade evaluations are completed to determine compliance with federal regulations. In accordance with federal regulations, the Texas A&M University-San Antonio must assume that students who do not receive a passing grade in any class attempted and/or receive incomplete grades have unofficially withdrawn from the university. This assumption requires Texas A&M University-San Antonio to formally document the student's last date of attendance and determine if the student is required to repay all or some of the federal financial aid.

Notification will be sent via mail and email outlining the amount returned to the federal and institutional program(s). The University will return funds on the student's behalf to the appropriate federal aid program(s) within 45 business days after determining the student's withdrawal date. The student is responsible for all charges and overpayments resulting from a Return of Title IV Calculation. 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:

Order of Return of Title IV funds:

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

Please visit the following link for more information: http://www.tamusa.edu/finaid/return_title_IV.html

Summer Financial Aid

Students who wish to receive aid in the summer must complete the Summer Intent to Enroll form. Students who are new to A&M-San Antonio for the summer term only need to complete the FAFSA.

Please note that the OSFA is required to review all students' aid history within the National Student Loan Data System (NSLDS) to determine summer financial aid eligibility. Students' eligibility will be based on any remaining Federal Pell Grant and Direct Loans. Students also may apply for private loans with their lender.

Typically, students must be enrolled **at least half-time** in summer to receive aid. Students who do not complete the Summer Intent to Enroll form will be packaged, although at a later date, to determine their Federal Pell Grant

eligibility. If a student's enrollment falls **below 6 hours** in total for summer hours, the student may **not be** eligible for federal student loans and the Federal Pell Grant award may be revised or canceled. The student must contact the OSFA immediately, if their enrollment status changes, to determine their eligibility status for financial aid. It is recommended that students contact OSFA before making changes.

Summer financial aid is disbursed only after spring grades are posted and Satisfactory Academic Progress is reviewed for the spring semester.

SCHOLARSHIP INFORMATION

At A&M-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 2018	Spring 2019
General Scholarship Priority Deadline	January 15	October 1
General Scholarship Deadline	June 30	November 1

Basic Eligibility Criteria

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

- Admitted to A&M-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 A&M-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 Mays Center or via Handshake, the online jobs database. Handshake 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.

Federal Work Study

The Federal Work Study Program helps eligible students defray the cost of post-secondary education. The Federal Work Study Program is a financial aid program designed to provide part-time employment opportunities with eligible on-campus and off-campus entities. Eligible students also have the opportunity to gain valuable experience while pursuing a college education. To qualify, a student must demonstrate financial need and in most cases must be enrolled at least half-time by October 1 of the fall semester. The amount of the award may vary based on the student's classification and grade level. Eligibility must be established each year:

- A student must be enrolled in an eligible program as a degree-seeking student.
- A student must meet all Title IV requirements.

While classes are in session, students may work up to a maximum of twenty hours per week. Offices typically require work-study students to dress business-casual. Some offices allow work-study students to dress more casually, so student must be sure to check with their supervisor. Students must remember that they are working in a professional setting and need to dress accordingly.

Work-study is awarded on a first-come, first-served basis to students with financial need (as determined by the student's FAFSA). Therefore, work-study funds are limited. Students may contact The Mays Center regarding regular wage positions both on and off campus. Many on-campus regular wage positions offer work opportunities in the same offices in which work-study students are employed.

Work study is awarded by semester. To earn work-study wages during a semester, a student must have been awarded the funds for that period and be working in a work-study position. The days within a semester in which a student can earn work-study wages will be published on the Texas A&M University-San Antonio Financial Aid website.

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. Students may learn of graduate assistantship openings through the Mays Center or via Handshake, the online jobs database.

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

MAYS CENTER FOR EXPERIENTIAL LEARNING AND COMMUNITY ENGAGEMENT

Science and Technology Building

First Floor

(210)784-1356

mays@tamusa.edu

<http://www.tamusa.edu/mays>

The Mays Center for Experiential Learning and Community Engagement (Mays Center) develops career-minded, skillful graduates ready for the world of work and prepared to be active citizens in the community. The Mays Center assists students with gaining experience through community service, service-learning, internships and civic engagement, as well as by obtaining career-related work experience, developing job search skills and securing employment or admission to graduate or professional school.

Programs and Services provided by the Mays Center include:

Career Services provides individual and group career advisement, professional correspondence services (resume building, cover letter writing, and application troubleshooting), career-driven workshops, career fairs, on-campus interview opportunities, and the interpretation of career assessments. The Mays Center extensively uses technology to provide services to long distance and on-campus learners alike. There are multiple ways in which students may participate in mock interviews, search for jobs, take assessments, and gain guidance.

Experiential Learning is grounded in the philosophy that students learn best by doing. The Mays Center provides avenues for students to gain experience in a structured, supported environment, as well as develop the presentation and articulation of the experience in pursuing a career.

Civic Engagement: Civic Engagement is working to make a difference in the civic life of our communities and developing the combination of knowledge, skills, values and motivation to make that difference. The Mays Center supports students through educational programming that encourages community engagement.

Community Service: Community Service is one of the avenues where students can gain experience in their major or an area of interest. The Mays Center staff assists student organizations as well as individual students to coordinate community service opportunities.

Service-Learning: Service-Learning is a teaching and learning strategy that integrates meaningful community service with instruction and reflection to enrich the learning experience, teach civic responsibility, and strengthen communities through volunteer service. Many courses at A&M-SA have a service-learning component supported by the Mays Center. Students are encouraged to document all civic engagement, community service, and service-Learning hours in GivePulse, an online system accessible via JagWire.

Internships: Internships are a form of experiential learning that integrates knowledge and theory learned in the classroom with practical application and skills developed in a professional setting. Students are also encouraged to search for internship opportunities in Handshake, our on-line jobs portal.

General's Store: General's Store is an on-campus food pantry that serves members of the university community that are food insecure. The General's Store also provides community service and experiential learning opportunities for students. For more information, email foodpantry@tamusa.edu or <http://www.tamusa.edu/mays/generals-store>.

STUDENT AFFAIRS

Jo Anna Benavides-Franke, Assistant Vice President for Student Affairs
Senator Frank L. Madla Building, Room 312
(210)784-1330

The AVP of Student Engagement and Success (SEAS) and Dean of Students 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 Student Code of Conduct is set forth in the *Student Handbook*: <http://bit.ly/TAMUSASStudentHandbook>. 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.

Alcohol, Drug and Smoke-Free Campus

Texas A&M University-San Antonio is an Alcohol and Drug-Free Campus. Alcohol is not allowed on University property or at University sponsored, unless approved by The Office of The President. Texas A&M University-San Antonio recognizes and supports present local, state, and federal laws and policies of the Board of Regents with respect to the sale, use, distribution, and possession of alcoholic beverages and illegal drugs. All A&M-San Antonio campuses and locations are non-smoking and tobacco free. Smoking (cigars, cigarettes, electronic cigarettes, etc.) and smokeless tobacco (chewing tobacco, "dip", electronic cigarettes, vaping etc.) are prohibited.

911 Lifeline Law: Texas law and the University may provide partial amnesty for one individual who is a minor who may have possessed or consumed alcohol if he/she is the first person to call 911 to report if someone might have alcohol poisoning and fully cooperate with law enforcement.

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 Office of Student Rights and Responsibilities or the Office of Student Activities.

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 Office of Student 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. The information concerning campus security is published yearly by the University Police Department and is available online at <http://www.tamusa.edu/upd/>.

Student Government Association

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.

Student Counseling & Wellness Services

Patriots' Casa, Suite 212

(210)784-1331

stucounseling@tamusa.edu

The Office of Student Counseling & Wellness Services (SC&WS) provides short-term individual, couples, and group counseling services, consultation, and prevention services that facilitate students' academic and life goals and enhance their personal growth and well-being. Our staff, of licensed mental health professionals, can work with you to identify more effective strategies both to cope with difficult situations and achieve goals set with your counselor.

All enrolled A&M-SA students are eligible to receive an intake appointment to assess your needs. The intake is used to make treatment recommendations based on your symptoms, severity, appropriateness of services, and availability of resources. At the conclusion of the intake appointment, your provider will render a clinical recommendation based on services that are best suited to your needs. Counseling services are as confidential as the law allows and are not part of a student's academic or university record.

Disability Support Services

Central Academic Building, Suite 210

(210)784-1335

dss@tamusa.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 International Affairs
Senator Frank L. Madla Building, Suite 125
(210)784-1309

The Office of International Affairs's (OIA) mission is to enrich and foster the educational and work experience of Texas A&M University-San Antonio's international community. The OIA serves as a welcoming presence for A&M-SA's international students, faculty and staff. The role of the OIA is to facilitate in the international admission process of international students; in addition to providing consistent up-to-date immigration information to international students and foreign faculty seeking to enter the U.S to receive an education, or to work at A&M-SA; while protecting the integrity of the institution, through compliance with state, local and federal regulations. You may reach us at Internationalaffairs@tamusa.edu

Office of Student Rights and Responsibilities
Senator Frank L. Madla Building, Suite 336C
(210) 784-1377
<http://bit.ly/TAMUSAStudentRR>

(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.

If a report needs to be filed regarding a concern of behavioral or sexual misconduct, the formal process is to file report online at <http://bit.ly/FileAReport> or email OSRR at StudentRR@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 are conducted in the Jaguar Game Room, the Multipurpose Fields and Kinesiology Pavilion on 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

Esperanza Hall
(210)784-1717

Texas A&M University-San Antonio is excited to welcome and offer a brighter future for our students by providing on-campus accommodations. By requiring our first-year students to reside on campus, we hope to guide and support our freshmen in their first college experience.

At Esperanza Hall, conveniently located on campus and only minutes from class, we offer unique suite-style floor plans, community amenities that allow students plenty of privacy to hit the books, and the perfect space to socialize. Esperanza Hall is where students will live within a community that and supports their academic success and encourages community engagement. Be a Jaguar! Live the Jaguar Life!

STUDENT SUCCESS

First-Year Experience

Heather Olague, *Director, First-Year Experience*
Patriots' Casa, Room 104
(210)784-1435

New Student Orientation

The New Student Orientation Program is designed to provide students with information to assist in a successful transition to Texas A&M University-San Antonio. At orientation students will receive information on academic expectations, university policies, campus resources, and involvement opportunities from various departments around campus. Returning students whose orientation completion date is over a year old will be required to complete orientation. New Student Orientation must be completed prior to registering for classes.

- Freshman New Student Orientation:
 - Freshman orientation is for students who have not attended college since earning a high school degree or GED.
 - Freshman orientation is a two day in-person orientation. Students will select their orientation date via JagWire. Dates for Summer and Fall admits will open March 1st and dates for Spring admits will open September 1st.
 - A nonrefundable \$75 orientation fee is required to secure your orientation date. Payment can be made online or in-person at Student Business Services.
 - No refunds will be issued for students who do not enroll at A&M-San Antonio.

Students who are over the age of 30 by the first day of classes, in the semester they are applying for, are exempt from freshman orientation requirements but must complete transfer orientation requirements. If you meet this stipulation and would like to follow the transfer orientation requirements, please call First-Year Experience at 210-784-1435 or 210-784-1430 or email nso@tamusa.edu.

- Transfer and Graduate New Student Orientation:
 - Transfer and graduate orientation is for students who have:
 - earned college credit hours, determined at the point of admission, and attended college since earning a high school degree or GED, or
 - applied to earn a Master's degree.
 - Transfer and graduate orientation can be completed online or through an in-person orientation. Students are welcome to complete both the online and in-person orientation, if they wish but only one format is required.
 - Students will select their orientation format, online or in-person, via JagWire.
 - A nonrefundable \$75 orientation fee is required prior to starting online orientation or reserving your in-person orientation date. There is not an additional fee if a student opts to complete both online and in-person orientation. Payment can be made online or in-person at Student Business Services.
 - No refunds will be issued for students who do not enroll at A&M-San Antonio.

JagX (The Jaguar Experience)

JagX 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. JagX is mandatory for all, incoming first-year students.

Jaguar Tracks

Jaguar Tracks are one-hour, for-credit courses, that students complete during their first semester of enrollment, and then during each semester as they transition to sophomore, junior, and senior standing. Students admitted as transfer

students will be required to begin the Jaguar Tracks sequence with the course that corresponds to their classification at the time of admission.

For example, a transfer student admitted as a junior (having at least 60, but fewer than 90 credits) will complete Jaguar Tracks III and Jaguar Tracks IV, as they correspond to their academic department. As another example, students having earned fewer than 30 semester credit hours at the time of admission, will complete all four Jaguar Tracks courses. If a student does not need to take all four Jaguar Tracks courses the student, in consultation with her/his academic advisor, must complete elective credits to make up the difference needed for attaining the number of credits required for completing the degree.

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 programs and events for the family members of our Jaguar students including Family Orientation, Family First Seminar, Family Newsletters 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.

Common Experience

The Common Experience at Texas A&M University-San Antonio is a yearlong initiative designed to cultivate a common intellectual conversation on a theme and facilitate increased interactions among faculty, staff, and students. It is designed to become a great tradition that will provide participants an opportunity to deconstruct and explore a common subject through multidisciplinary lenses and apply academic thought towards finding meaningful solutions to discovered challenges. Throughout the year, various events and programs will provide opportunities for engagement for the entire university community and beyond.

Peer Mentoring

Mentors promote student engagement and foster an inclusive environment for students to find their sense of belonging to thrive on campus. Peer mentors are upperclassmen at A&M-SA who are passionate about working with a diverse group of students and committed to these students' learning and development. They are high-achieving students and serve as a positive role model for students and assist them in navigating the academic, social, and personal challenges during their college journey. Mentees can expect to meet one-on-one or in small groups with their mentor, attend on-campus activities and social events together.

President's Leadership Class (PLC)

PLC is a four-year comprehensive, undergraduate, leadership development program. PLC develops extraordinary leaders who apply their unique approach to leadership throughout their lives, in their academic fields, professions, and communities. Each year, 25 A&M-San Antonio's incoming students are selected, through a competitive application process, as PLC Scholars. Our PLC scholars receive a four year scholarship worth \$8,000. The scholarship is awarded each semester in the amount of \$1,000. PLC is a small family of highly driven peers and staff members offering individualized support to each PLC student. The support within PLC is immediate and lasting and provides guidance and reinforcement with everything from academics to social life.

Jaguar Tutoring

**Central Academic Building, Suite 208
(210)784-1332**

All currently enrolled students at Texas A&M University-San Antonio can utilize the services of Jaguar Tutoring. Jaguar Tutoring encompasses the Academic Learning Center (subject-area tutoring) and the Writing Center. Jaguar Tutoring is an appointment based center where appointments are made through the Student Success Collaborative (SSC) platform. Students access SSC through Jagwire in the Student Services tab. Jaguar Tutoring also offers

various workshops hosted by the Writing Center as well as classroom presentations. The Center is active on campus outreaching to students to highlight services offered through Jaguar Tutoring.

Student Academic Success Center
Senator Frank L. Madla Building, Suite 336
(210)784-1307

Kim Nanez, Director, Student Academic Success Center
Senator Frank L. Madla Building, Suite 336
(210)784-1352

The Student Academic Success Center takes a developmental/proactive approach to help students complete their academic goals from orientation through graduation. The Center offers academic and skills workshops, one-on-one appointments, and online resources to help retention efforts at Texas A&M University-San Antonio. The goal of the Center is to help students discover, self-reflect, and become independent learners. The Success Center houses the academic success coaches. Success coaches are assigned to all incoming first time in college students as well as students on academic probation. Success Coaches help students navigate the University, are a resource hub for students, and help with the transition from high school to college. Success coaches partner with other offices on campus as well as faculty to ensure students are connected to the resources that are available on campus and in the community.

JAGS (Jaguar Academic Guide to Success)

Students whose academic standing is scholastic probation will participate in the JAGS program until they earn an institutional GPA of 2.0 or higher. Academic Dismissal students will also participate as a requirement for re-admission to the University. Students in this program will meet with their success coach at least two times. In the first meeting, the success coach and student will create a plan of action to help the student be successful in that semester. In the second meeting, the success coach will be checking in with the student to see progress on the action plan. Students participating in the JAGS program have a hold on their account which will prevent registration for the following term. Completion of the program will result in a future-dating of that hold. Once the student earns an institutional GPA of 2.0 or higher, the student will be complete with the program and the hold will be removed.

Graduation Pledge Program

First-time students with no college credit are eligible to join the Graduation Pledge program at Texas A&M University-San Antonio. Students will be sent a request via their Jaguar email to opt into the program within the first weeks of the fall semester. Students will be asked to abide by GPA requirements, meet with their success coach and academic advisor, and earn at least 30 A&M-SA credit hours per year to stay enrolled in the program. In conjunction with these requirements, the student pledges to graduate in 4 years or less. For more information about the program, contact the offices of Advising and Student Success at 210-784-1307.

G.R.O.W.L Workshop Series (Gaining Resources and Opportunities While Learning Workshop Series)

The Student Academic Success Center offers a series of sessions for all A&M-SA students to participate in. These sessions use the Wellness Wheel as the framework for the series. The Center takes a holistic approach with the G.R.O.W.L. Series touching on aspects of the Wellness Wheel from emotional intelligence, academic skills, healthy eating, and physical wellness. The Series supports students' growth at any point in their development in college. Sessions are offered in person.

Student Success Collaborative (SSC)

The Student Success Collaborative (SSC) is a web-based tool to help connect students to campus resources in order to sustain retention and degree attainment. Students can utilize SSC to schedule appointments with advisors, success coaches, and tutors. Students can also communicate via SSC with faculty, advisors, and success coaches using the messaging application. An early alert system is incorporated into SSC which faculty members can use to connect students with resources in the Student Academic Success Center. Faculty may also submit progress reports to the Student Academic Success Center in regards to student performance in a class. An early alert and progress report will result in contact from a success coach to assist students in being successful at the University. Students can access SSC through Jagwire in the Student Services tab.

Testing Center
Central Academic Building, Suite 209
(210)784-1366

The Testing Center is a service for all A&M-SA students as well as the surrounding community. The Testing Center offers a wide range of examinations including proctored exam services, credit by examination, placement testing, and entrance exams. TSI Counseling is offered through the Testing Center for scores, exemptions, TSI agreement, and enrollment at the University. We facilitate students' educational, personal, social, and cultural development in order to promote their success and persistence in the university. The services provided by the Testing Center are based on the guidelines developed by the National College of Testing Association's Professional Standards and Guidelines.

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
Senator Frank L. Madla Building, Suite 336
(210) 784-1307

The academic advising relationship begins during New Student Orientation, when first-year and transfer students meet their academic advisors. In accordance with the goals of the advising program, advisors seek to help students:

- develop realistic educational goals and plans;
- make the most of their educational and extracurricular experiences; and
- engage with university services that support their academic and personal success.

Your academic advisor is here to help you develop an educational plan that supports your academic, personal, and career interests, while ensuring that you meet graduation requirements. Academic advisors help students make decisions by drawing upon their own educational experiences and their understanding of the curricula and academic policies of Texas A&M University-San Antonio.

Academic advisors are professional staff members. As each academic program has unique requirements, a student's assigned academic advisor is based on their major or, in the case of first-year college students, on their classification.

As the title of the role suggests, your advisor works with you in an advisory capacity. The decisions you make are yours and yours to own. Your advisor might suggest you to take one course of action over another, but in the end, your advisor honors your agency and your ability to make your own decisions.

We expect you to use DegreeWorks to track your progress toward graduation, and we strongly encourage you to meet with your academic advisor each semester, prior to the registration period for the upcoming semester. Ultimately, you are responsible for your final choices, and for ensuring that you fulfill the university degree requirements and the requirements of your major.

For information or to schedule 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.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.edu/businessaffairs/jaguarcard.html>.

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

Information Technology Services (ITS) provides a wide variety of technology services to Texas A&M University San Antonio. The services include but are not limited to the computing and technology needs of the University. ITS maintains the technical 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.

Located in the Central Academic Building, Suite 233, 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, Director of Student Media
Central Academic Building, Room 321B
(210) 784-1051

Jaguar Student Media provides students experiential learning and hands-on opportunities in online news, a print magazine, radio and television. The campus' student-run media outlets include The Mesquite, an online campus newspaper; El Espejo, an annual general interest magazine; and the Univision Media Lab which offers bilingual students opportunities to study radio, television, sales and promotions at Univision's San Antonio affiliate. Students are encouraged to participate in student-run media to develop skills, build resumes, explore career options and enhance their college experience. For more information, email jenny.moore@tamusa.edu or call Jaguar Student Media at 210-784-1051.

Military Affairs

Richard Delgado Jr., Director of Military Affairs & ROTC
Patriots' Casa, Room 202
(210)784-1397

Courses at Texas A&M University-San Antonio are approved for military community training and benefits, and all students using these benefits must be degree seeking. Please note that non-degree seeking students in teacher certificate programs do not currently qualify. The Office of Military Affairs, located on the 2nd Floor of the Patriots' Casa, assists military community students with matters relating to their education benefits.

We ask all those that are serving and those who have served to visit the Office of Military Affairs and if applicable, bring a copy of your DD214. This will allow us to serve you better, by providing you information concerning priority registration, events notifications, and the Patriot Cord Ceremony to name a few.

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 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 review application guidelines on the Office of Military Affairs web page located at <http://www.tamusa.edu/militaryaffairs>. The completed application will be electronically submitted to the Veterans Affairs Regional Office (VARO) in Muskogee, OK through Vets.gov. 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; as they are processed in the order they are received. Students receiving military/veteran education 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 and will result in a delay of benefits.

Transfer students must provide the Office of Admissions with copies of transcripts from all colleges attended. All Military/Veterans should have their military credit evaluated during the admission process, and are encouraged to process their Joint Service Transcript through the College Credit for Heroes program. For more information please contact our office.

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 of Military Affairs. Individuals must apply through their service portals for approval prior to visiting our office.

Standards of Progress for Veterans

A student receiving full or partial Hazelwood benefits must maintain a cumulative 2.0 grade point average (GPA) for undergraduate and 3.0 GPA for graduate students. Students who wish to receive military/veterans' education benefits and who transferred from another institution without the required GPA must come to the Office of Military Affairs before registering for classes to determine whether or not they are eligible for certification (benefits). The scholastic status of a student receiving 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 for undergraduates 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 undergraduate 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 graduate students in the fall/spring semesters is determined by the following:

- 9 credit hours is full-time
- 6-8 credit hours is 1/2-time
- 5 credit hours or less is less than 1/2 time

For summer enrollment requirements please contact our office. For students using Chapter 33 the rate of pursuit is used to determine a student's payment not the above scales.

Hazlewood 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/Hazlewood-Act.aspx> for more information. Additionally, individuals using a percentage from Chapter 33 may also use Hazlewood. Please note that the use of Hazlewood must be reported to Financial Aid.

Military Community Academic Advisor

In order to serve you better, an Academic Advisor(s) is located in the Office of Military Affairs for our military community students who are classified as sophomores through seniors.

Title IX

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

Modular Building 112

(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, assist departments in the development and maintenance of university-wide rules and procedures, development and reporting on the University's annual compliance plan, initiating corrective action plans for violations of compliance related violations 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 official for action.

If you have 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 inappropriate conduct, harassment or discrimination. Reports for Texas A&M University-San Antonio 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.

“Do The Right Thing”

The Texas A&M University System is dedicated to adhering to the highest ethical standards and principles. If you have factual information suggestive of fraudulent, wasteful or abusive activities, we want you to report it. Examples of reportable issues include fraud; misuse of resources or information; violations of safety rules; inappropriate conduct, harassment or discrimination.

We encourage you to report such issues through the Risk, Fraud & Misconduct Hotline, a telephone and web-based reporting system. 1-888-501-3850 or select “file a report” at the top of the page at www.ethicspoint.com. The hotline is independently operated and available 24 hours a day, 7 days a week. Reports can be submitted anonymously, and will be forwarded to the appropriate institution or agency official for action.

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 bys 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://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>. Another way to receive JagE Alerts is to download the Blackboard May Connect app your phone.

SafeZone

The SafeZone is an app that can be downloaded to your phone. This app will connect you directly to A&M-SA PD when there is an emergency on campus, 24/7. When one of the SafeZone icons is activated, your phone location will be shown on a map display for officers to see your general location. At the same time, you will be connected to A&M-SA PD dispatch to give them further information on your emergency.

UNIVERSITY LIBRARY

Pru Morris, Interim Library Director and Digital Resources Manager

University Library

Central Academic Building, Room 202

(210) 784-1500

<http://www.tamusa.edu/library>

Archives & Special Collections

Bexar County Archives Building

126 E. Nueva

San Antonio, TX 78204

(210) 784-1512

<https://libguides.tamusa.edu/archives>

The Texas A&M University-San Antonio University Library's mission states: The University Library at Texas A&M University-San Antonio fosters collaboration among faculty, staff, and students to create an atmosphere of academic excellence and provides the university community with tools for lifelong learning. The library is actively engaged in the teaching, research, and outreach activities of A&M-SA. Library staff promote an inclusive culture through our services, resources, and support.

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, by phone, via text, e-mail, and live, online chat. 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 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 service. For more information on the TexShare card, ask at the information desk.

Library facilities

The University Library offers open access to computers, printers, 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 individual or group use by students on a first-come, first-serve basis that are equipped with display panels for laptop connection and white boards. Several of the rooms can be reserved in advance from the library's home page. 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.

Archives and special collections

Located downtown, the University Library's Archives & Special Collections provides access to historical treasures, such as Texas history resources dating back to 1517. Materials housed here include manuscript collections, photographs, maps, artwork, books, newspapers and more. Staff provide one-on-one research guidance to students, faculty, staff, and the general public by appointment. In addition, the Presidio Gallery showcases themed history exhibits, which are free and open to the public.

ACADEMIC REGULATIONS FOR UNDERGRADUATE STUDENTS

Academic Advising

Texas A&M University-San Antonio places an 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 academic planning process.

A student who is unsure of a major should discuss his/her interests and goals with an academic advisor, or should visit Career Services to engage in career exploration and interest assessment activities.

Academic Plan

A student's plan for completing degree requirements should be created in consultation with their assigned academic advisor. Any exceptions to the degree requirements published in this catalog 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.

Definition of a Credit Hour

A credit hour is an amount of work that reasonably approximates: not less than one hour of classroom or direct faculty instruction and a minimum of two hours out of class student work each week for approximately 15 weeks for one semester, or the equivalent amount of work over a different amount of time; at least an equivalent amount of work as outlined in the item above for other academic activities as established by the institution including laboratory work, internships, practicum, studio work, and other academic work leading to the award of credit hours. (This information is in accord with federal regulations regarding the definition and assignment of credit hours under section 600.0 and 600.24(f) of the Higher Education Opportunity Act.)

A credit hour represents a unit of measure of instruction consisting of 60 minutes, of which 50 minutes must be direct instruction over a 15-week period in a semester system. Academic administrative units are responsible for ensuring that credit hours are awarded only for work that meets this requirement. (This is in accord with The Texas Higher Education Coordinating Board definition.) Transfer credits will be evaluating for equivalency to this requirement. Students should expect to invest a minimum of two hours of additional work for each hour of classroom or faculty instruction per week.

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*.

Undergraduate students with an institutional gpa of 3.25 or higher and students who are graduating seniors may register for 19 or more hours. Students meeting this criteria must consult with their academic advisors before registering for 19 or more hours. Only in exceptional circumstances, and only with the approval of the college dean, will undergraduate students who do not meet these criteria be allowed to exceed the course load limitations. 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 academic advisor of any concurrent enrollments. The maximum load for a student registered for any graduate credit is 15 hours a semester.

Classification of Degree-Seeking Students

Texas A&M University-San Antonio enrolls degree-seeking students in both undergraduate and graduate programs. An undergraduate student is one who has not yet received a baccalaureate degree. A graduate student has earned a baccalaureate degree and is enrolled in graduate coursework.

A degree-seeking undergraduate is classified as a freshman (or first-year student), sophomore, junior, or senior according to the number of semester credit hours earned, as follows:

Classification	Semester Credit Hours Earned
Freshman (or First-Year Student)	fewer than 30
Sophomore	at least 30, but fewer than 60
Junior	at least 60, but fewer than 90
Senior	90 or more

Enrollment Status for Financial Assistance

Enrollment status affects a student's eligibility for financial assistance. Students who are enrolled at least half time may be eligible for financial aid.

Enrollment Status	Semester Credit Hours Required
Full-time undergraduate student:	Fall or spring term = 12 hours Combined summer terms = 12 hours
Three-quarter-time undergraduate student:	Fall or spring term = 9 hours Combined summer terms = 9 hours
Half-time undergraduate student:	Fall or spring term = 6 hours Combined summer terms = 6 hours

Enrollment Status	Semester Credit Hours Required
Full-time graduate student:	Fall or spring term = 9 hours Combined summer terms = 9 hours
Half-time graduate student:	Fall or spring term = 6 hours Combined summer terms = 6 hours

Non-degree students are not classified as part-time or full-time students, nor are they classified as freshmen, sophomores, juniors, or seniors.

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 Department Chair of the program offering the course. Also, the course(s) to be taken in lieu of the prerequisite(s) must be approved in writing by the Department Chair of the program in the student's major before the prerequisite course(s) requirement may be waived.

All students must be complete in all three areas of TSI (Math, Reading, and Writing) in order to register in upper division courses (3000- and 4000-level). If the student is not complete in all three areas, they will not be eligible to register in upper division courses.

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.

Freshmen students who intend to drop a course must first visit their Academic Success Coach.

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.")

All freshmen students are required to meet with their Academic Success Coach prior to withdrawing from the University. Withdrawal forms from freshmen must be signed by the Academic Success Coach.

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.

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.

Non-Credit Admission (Auditing)

A student may attend classes for a course without receiving credit if he or she submits a Course Audit Form at the time of registration, and has the permission of both the instructor of the course and the dean of the college in which the course is offered. No formal admission to the University is required for course audits. The Course Audit Form is available from the Office of the University Registrar. The fee for auditing a course is the same as that required for registration for credit, however no credit will be awarded, no records will be kept, and the student may be restricted from lab work and tests. A student will not be given permission to audit a course until the first day of classes.

Students may not change from credit to audit status after the 12th class day during a long semester or after the 4th class day during the summer. Senior citizens (65 or over) may audit with all fees exempted except material or field trip fees on a space available basis only. If the student is under the age of 22, Texas A&M University-San Antonio will require the students to provide certified proof from a health practitioner that he or she has received a Bacterial Meningitis vaccination or booster within the last five years. Under no circumstance may audit be converted to credit. No refunds are given on audits.

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.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. 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.

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.

Developmental Probation and Suspension

Students who are admitted to the University and are not college ready in Math will be placed on a TSI agreement before the start of the term. Student will meet with the TSI Coordinator to determine how they will work towards college readiness in two long semesters. Once that is determined, students will sign their TSI agreements and choose an action plan.

Per the terms of the TSI Agreement, a student will have two semesters to become TSI Complete.

Those that are not TSI Math complete will be placed on Developmental Probation effective the last day of their first semester. Probation may include additional meetings with the TSI Coordinator, mandatory tutoring sessions with the Academic Learning Center or changes to the TSI Action Plan selected by the student.

A student who is not TSI Math complete will be placed on Developmental Suspension after he/she has failed to become college ready by the last day of their second semester. Suspension means a student will not be allowed to register or attend courses at Texas A&M University-San Antonio until they are able to demonstrate college readiness in Math.

Students who are developmentally suspended from the University will have the option to follow the admission process outlined below:

1. Student must successfully complete the developmental course sequence at a community college in Texas
2. Student must earn at least 12 hours and earn at least a 2.0 transfer GPA in the semester(s) they attend the community college

If the student is able to meet these requirements, the University will waive the application fee, new student orientation, and the new student orientation fee.

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. Students on scholastic probation are limited to 13 hours every semester they remain on scholastic probation.

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 complete an academic appeal, submit a personal letter, and an academic success plan. The appeal deadlines are as follows:

- Fall: June 15th
- Spring: October 15th
- Summer: March 15th

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 deadline below. The appeal deadlines are as follows:

- Fall: June 15th
- Spring: October 15th
- Summer: March 15th

All transcripts, appeal paperwork/documentation, and application fee must be paid before the deadline listed above. Appeal decisions are made by the Academic Suspension committee and are final.

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 at least 15 days before the start of the term. This appeal should only be completed in extenuating circumstances. The Academic Suspension committee is within their rights to deny the appeal and require the student to sit out the requisite amount of time.
2. The form will be reviewed by Academic Suspension Committee 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, the student is informed by the Director of Student Success and the Office of the Registrar is informed to allow registration for that term. Reinstated students will be limited to 13 hours automatically. It is at the Suspension Committee's discretion to limit the student further (3, 6, 9, or 12 hours). The restriction will stay on as long as the student is on scholastic probation or reinstatement.
4. If the appeal is denied, the student is notified of the decision by the Director of the Student Success Center and the academic dismissal status remains on the record. Students must reapply to the University if they do not enroll within one calendar year from the initiation of the academic dismissal.

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 Student Success website: www.tamusa.edu/university-college.

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 and 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, Gender, 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, BIOL 2401, BIOL 2402
- 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 2321, ENGL 2326, ENGL 2331, ENGL 2344, ENGL 2346
- PHIL 1301, PHIL 2306
- SPAN 2320

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

Creative Arts (050)

Required: 3 semester credit hours

- ARTS 1301
- 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, EDKN 1338
- 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

Declaration of a Major

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.

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.

Declaration of a Minor

A minor shall consist of a minimum of 18 semester hours in a subject closely related to the major, and at least 6 semester hours of advanced work must be offered in the minor field. In English, the required freshman courses may not count as part of this amount.

Requirements for each minor are listed in the appropriate College's section of the Catalog. A student who fulfills the specified requirements for two different minors has completed a double minor, provided there are at least 12 credits difference between the two minors. Minors do not appear on the diploma, but minors will be noted on the official transcript. A student cannot seek a major and minor in the same discipline. Students may declare no more than two minors. Students must be aware that credits in excess of those required as part of their degree plan may not be covered by financial aid.

In addition, any set of courses which meets the minimum requirements indicated above for all minors, may be accepted as an unspecified 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.

Concentration

A concentration is a structured plan of study within a major and provides a focal point for a student's undergraduate academic learning. The number of credit hours for a concentration varies, and is specified within the overall credit hours for the major. The concentration does not appear on the diploma, but is included on the official transcript. Declaring two concentrations within the same major is not permitted.

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 Point 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.

Policy for the Modification of Course Curriculum

On the basis of an individual student's disability documentation, and in extreme circumstances, consideration will be given to the modification of a student's course curriculum on a case-by-case basis, provided the integrity of the academic requirement is maintained. A student with a disability who requests the modification of course curriculum requirements must provide documentation of disability to the Office of Disability Support Services (DSS). The documentation will be reviewed by DSS professional staff according to the DSS guidelines for disability accommodation. If a qualified student has a physical or mobility impairment that renders them unable to participate in a course, the DSS may recommend a modification in course curriculum to the dean of the student's college. The dean, in consultation with other appropriate deans and academic chairs, will have the authority to approve substitution of courses or other academic requirements for the completion of a degree program as are necessary to ensure that academic requirements do not discriminate, or have the effect of discriminating on the basis of disability, against a qualified applicant or student with a disability.

Graduation Under a Particular Catalog

The catalog designation a student receives when the University determines the curriculum and other academic policies that apply to the student. 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 six 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.

If degree requirements are not completed within the six-year period, students must meet all program requirements effective for the catalog under which they expect to graduate.

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.

Double Majors

A student who fulfills the specified requirements for two different majors (e.g. curricular, grade-point average, etc.) authorized under a single degree has completed a double major and will receive a single diploma, provided there is at least 24 credits difference between the two majors. Both majors appear on the diploma. Two examples of a double major are: 1) Bachelor of Science (BS) in Mathematics and BS in Computer Science; 2) Bachelor of Business Administration (BBA) in Accounting and BBA in Finance. A student may not seek more than two majors at one time. A student pursuing a second or subsequent degree must complete all university, college and department/curricular requirements for the additional degree. Both majors must reflect requirements for the same catalog year.

Dual Degree

A student who fulfills the requirements for two different majors under two different degrees, simultaneously, completes a dual degree. If two bachelor's degrees are conferred simultaneously, the student must complete a minimum of 30 unique hours beyond the requirements of the single degree. Graduation will occur when the student has completed requirements (e.g. curricular, grade-point average, etc.) for both degrees. Students completing dual bachelor's degrees receive two diplomas. Two examples of a dual degree are: 1) a student simultaneously completing a Bachelor of Arts (BA) in Communications and a Bachelor of Science (BS) in Kinesiology; 2) a student simultaneously completing a Bachelor of Arts (BA) in History and Bachelor of Science (BS) in Psychology. The graduation term must be the same for both majors. Both majors must reflect requirements for the same catalog year.

Second Bachelor's Degree

Holders of a baccalaureate degree from A&M-SA or other regionally accredited four-year college or university may be awarded a second baccalaureate degree. All A&M-SA catalog requirements for the second degree must be met including: 1) a minimum of 30 unique hours of earned credits; 2) if the student is from another university, 30 unique hours must be earned in residence; 3) a minimum of 24 of the 30 credit hours earned must be at the advanced level; 4) any credit hours from the first degree do not count toward the minimum of 30 additional hours; 5) completion of all requirements for the second bachelor's degree, including core, curricular, and grade-point average requirements.

Undergraduates in Graduate Courses

Undergraduate students at Texas A&M University-San Antonio may request permission to enroll in a maximum of 6 semester credit hours of graduate work provided they are enrolled in their final semester of undergraduate coursework and meet specific graduate program requirements. The graduate courses may not be used to satisfy requirements for the baccalaureate degree. The student must have an institutional grade point average in excess of 3.0 on a 4.0 scale and can only be enrolled in senior level courses (4XXX).

This request must be approved by the Director of Graduate Studies before the student registers for the graduate courses. Undergraduate students registering for graduate classes without prior approval will be dropped. Forms for Concurrent Enrollment are available through the Academic Advising and Registrar's Office websites.

Note: Students who participate in concurrent enrollment will not be eligible to receive financial aid for the graduate level courses they are enrolled in. Students are responsible for payment of tuition and fees for those courses.

Semester Honors Recognitions

Full-time undergraduate students of the highest academic rank will be honored each semester by the publication of their names in the President's List, the Provost's List or the Dean's List, to be referred to as honor lists, based on their academic performance for that semester.

All summer term grades, for Maymester, Summer I, Summer II, 8-week and 10-week terms, will count toward an overall summer semester grade point average for determination of eligibility for inclusion in these three honor lists.

Receiving a grade of D, F, I, W, or WS for a semester makes a student ineligible for inclusion in these honor lists for that semester. If there is a change in grade for a semester after the publication of the honor list lists for that semester, and the change results in the student's eligibility for inclusion in the honor lists for that semester, then the student will be added retroactively to the honor list for that semester.

Only courses completed at A&M-San Antonio will be used for determination of eligibility for inclusion in the honor lists.

- **President's List:** This list includes undergraduate students who achieve scholastic distinction in a semester, as evidenced by a grade point average of 4.0 in at least 12 semester credit hours in a semester excluding grades of CR.
- **Provost's List:** This list includes undergraduate students who achieve scholastic distinction in a semester, as evidenced by a grade point average of 3.70 to 3.99 in at least 12 semester credit hours in a semester excluding grades of CR.
- **Dean's List:** This list undergraduate students who achieve scholastic distinction in a semester, as evidenced by a grade point average of 3.5 to 3.69 in at least 12 semester credit hours in a semester excluding grades of CR.

These lists will be published within one month after the grades for the long semester are announced, and in the month of September for the previous summer term. In a given semester, a student will be recognized for only the highest of the above honors which the student qualifies.

Official notification of these designations will be issued to the student by the Dean of the student's college and mention of inclusion in the honor list will be made in both unofficial and official transcripts.

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 3.9 is the minimum for graduation Summa Cum Laude (with highest honors); a grade point average of 3.7 to 3.89 will merit Magna Cum Laude (with high honors); an average of 3.5 to 3.69 will merit graduation Cum Laude (with honors). Grade point averages are not rounded up to achieve these figures.

UNDERGRADUATE DEGREES, MAJORS, AND MINORS OFFERED

Degrees and Majors

<i>Degree</i>	<i>Major</i>
Bachelor of Applied Arts and Sciences	
Bachelor of Arts	Biology, Communications, English, History, Mathematics, Political Science, Psychology, Spanish, Sociology
Bachelor of Business Administration	Accounting, Computer Information Systems, Finance, General Business Administration, International Business Management, Management, Marketing
Bachelor of Science	Biology, Child Development, Computer Science, Criminology and Criminal Justice, Interdisciplinary Studies, Kinesiology, Mathematics, Psychology

Minors

<i>College</i>	<i>Available Minors</i>
Arts and Sciences	Biochemistry, Biology, Chemistry, Communications, Criminology and Criminal Justice, English, History, Mathematical Biology, Mathematics, Mexican American, Latinx, and Borderlands Studies, Political Science, Psychology, Sociology, Spanish and Women's and Gender Studies
Business	Business Administration, Computer Information Systems, and Computer Science
Education and Human Development	Child Development, Education, Kinesiology and Special Education

Requirements for specific programs are available within the appropriate section of the Catalog.

COLLEGE OF ARTS & SCIENCES

Undergraduate Programs

Mirley Balasubramanya, *Dean of the College of Arts and Sciences, STEM Building 311 U*
Ann Bliss, *Department Chair of Arts and Humanities, Central Academic Building 348 C*
Durant Frantzen, *Department Chair of Social Sciences, Central Academic Building 347E*
Marvin M. F. Lutnesky, *Department Chair of Science and Mathematics, STEM Building 311S*
(210)784-2225

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.

College of Arts and Sciences Minors and Degree Program Requirements

The minors offered by the College of Arts and Sciences are Biochemistry, Biology, Communication, , Criminology and Criminal Justice, English, History, Mathematics, Mathematical Biology, Mexican American, Latinx, and Borderlands Studies, Political Science, Psychology, Sociology, 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.

Biochemistry: The following courses are required:

- CHEM 1311/1111 General Chemistry I
- CHEM 1312/1112 General Chemistry II
- CHEM 2323/2123 Organic Chemistry I
- CHEM 2325/2125 Organic Chemistry II
- CHEM 4341/4141 Biochemistry I
- CHEM 4342 Biochemistry II

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 upper-division

Chemistry: The following courses are required:

- CHEM 1311/1111 General Chemistry I
- CHEM 1312/1112 General Chemistry II
- CHEM 2323/2123 Organic Chemistry I
- Two additional upper-division (3000 or 4000) CHEM courses

Communications: The following lower division courses are required:

- COMM 1307: Introduction to Mass Communications
- COMM 2300: Multimedia 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 | • COMM 3351: Media Effects |
| • COMJ 4301: History of Journalism | • COMM 4315: Media Ethics |
| • COMJ 4322: Public Relations | • COMM 4317: Mass Media, the Public, and the Law |
| • COMM 3350: Theories of Communication | |

Criminology and Criminal Justice: To earn a minor in criminology and criminal justice, a student must complete CRIM 1301, CRIM 2330, CRIM 3350, CRIM 3385, and six additional hours of upper division CRIM courses.

English: To earn a minor in English, a student must complete ENGL 2370 and a minimum of 15 additional semester hours in English (beyond ENGL 1301 and ENGL 1302), at least 12 of which must be upper-division.

History: The minimum requirement shall be 18 semester hours, consisting of HIST 2321 and 2322 (World Civilization I and II), HIST 3301(Introduction to Historical Analysis). HIST 4301 (Methods of Historical Research) and 6 hours of advanced electives.

Mathematical Biology: This minor requires 18-21 credit hours of course work¹ as specified below:

- MATH 3371 Problem Solving with Computers
- MATH 3372 Mathematical Biology
- MATH 3373 Mathematical Physiology
- BIOL 1306 General Biology I (3 SCH) taken with BIOL 1106 General Biology I Lab (1 SCH)
- BIOL 1307 General Biology II (3 SCH) taken with BIOL 1107 General Biology II Lab (1 SCH)

And any one course selected from the following course list:

- MATH 1325 Mathematics for Business and Social Sciences II
- MATH 2313 Calculus I (3 SCH) taken with MATH 2113 Calculus I Lab (1 SCH)
- MATH 2314 Calculus II (3 SCH) taken with MATH 2114 Calculus II Lab (1 SCH)
- MATH 3320 Differential Equations
- MATH 3340 Linear Algebra with Applications
- MATH 3321 Applied Partial Differential Equations
- MATH 4390 Advanced Topics in Mathematics (1-4 SCH)
- MATH 4380 Undergraduate Research in Math (1-4 SCH)

¹ Courses that are required courses for the student's major must be substituted with different courses from the additional course list.

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.

Mexican American, Latinx, and Borderlands Studies: This minor consists of SOCI 2361 (Introduction to Mexican American, Latinx, and Borderlands Studies) and 15 additional semester hours of courses from the following list:

- CRIM 3357: Border Security Issues
- ENGL 4388: Latinx Literature
- EDBL 3327 Multicultural and Human Development
- EDEC 4301 Working with Diverse Families and Young Children
- EDRG 3335 Multicultural Children's Literature
- HIST 2301: Texas History
- HIST 3311: History of the Spanish Borderlands
- HIST 3312: Native American History
- HIST 3348: Mexican American History, 1848 to the Present
- HIST 4347: The American West
- HIST 4356: Mexico
- HIST 4380: Crucial Topics in United States History
- HIST 4392: Crucial Topics in Latin American History
- MGMT 4379 Special Topics in Entrepreneurship: Latino Entrepreneurs and Business Leaders
- POLS 3341: International Relations
- POLS 4355: The Government and Politics of Mexico
- POLS 4370: Special Studies in Political Science
- SOCI 3361 Mexican Americans: Identities, Movements, and Social Justice
- SOCI 3362 Immigration, Racial Politics, and Nation

- SOCI 4342: Social and Natural Systems of the US-Mexico Border
- SOCI 4353 Mexican American Families
- SOCI 4362 Race and Ethnicity
- SOCI 4363 Afrx Latinx: Race, Culture, and Transnationalism
- SPAN 3331 Latin American Film History

Political Science: The minimum requirement is 18 hours to include POLS 3302 (Political Research and Analysis), 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 upper-division Psychology courses. A minimum grade of C in PSYC 2301 is required of students pursuing a minor in Psychology.

Sociology: The minor consists of SOCI 1301(Principles of Sociology), SOCI 1306 (Social Problems) and 12 hours of upper-division Sociology courses.

Spanish: To earn a minor in Spanish, a student must complete SPAN 2312 (or equivalent) and an additional minimum number of 15 semester hours (beyond SPAN 1311, 1312, and 2311), 12 of which must be upper-division.

Women's and Gender Studies: This minor requires 18 semester hours of course electives in Women's and Gender Studies, at least 12 of which must be upper-division. No more than 9 hours in any one discipline may apply toward the Women's and Gender Studies minor.

**Bachelor of Science in Biology
2018-2019 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	
STEM 3101 Jaguar Tracks 3		1	
STEM 4101 Jaguar Tracks 4		1	
MATH 2113 Calculus I Laboratory		1	
MATH 3301 or 4303 (Biostatistics or Statistical Methods)		3	
CHEM 1111 General Chemistry I laboratory		1	
CHEM 1112 General Chemistry II laboratory		1	
CHEM 2323/2123 Organic Chemistry I w/lab		3/1	
CHEM 2325/2125 Organic Chemistry II w/lab		3/1	
PHYS 1301/1101 General Physics I w/lab		3/1	
PHYS 1302/1102 General Physics II w/lab		3/1	

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, 3409, or 4411 Physiology (Animal Phys, Cellular Phys, or App of Plant Phys)		4	
BIOL 4101, 4102, 4103 or 4104 Seminar (Interdisciplinary, Cell & molec, Zoology, or Ecology topics respectively)		1	
BIOL advanced elective with Lab		4	
BIOL advanced electives		6-8	
ELECTIVES* OR MINOR** REQUIRED COURSES		17-19 SCH	
*As needed to complete 120 credit total hours and the 36 upper-division credit hours required for degree			
**If minor is chosen, at least 10 hours must be upper-division. 2.0 overall gpa for minor.			
	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
- 25% of courses must be taken at A&M-SA for degree

An earned letter grade of C in the following courses is required for this degree: BIOL 1306, BIOL 1106, BIOL 1307, BIOL 1107

**Bachelor of Science in Biology
With Teacher Certification
2018-2019 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	
STEM 3101 Jaguar Tracks 3		1	
STEM 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 2323/2123 Organic Chemistry I w/lab		3/1	
CHEM 2325/2125 Organic Chemistry II w/lab		3/1	
PHYS 1301/1101 General Physics I w/lab		3/1	
PHYS 1302/1102 General Physics II w/lab		3/1	
SPCH 1315 Fund of Public Speaking		3	

MAJOR (REQUIRED) COURSES		28-31 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 electives			9-12
BIOL 4105 Science Education Seminar			1
TEACHER CERTIFICATION REQUIRED COURSES 2.75 overall GPA		26 SCH	
		Grd	SCH
EDED 3303 Knowl of Pedagogy and Assmt			3
EDSE 3345 Survey of Exceptional Individuals			3
EDED 4311 Tch & Pedag for Mid & Sec Tch			3
EDED 3358 Classroom Mgmt			3
EDED 4309 Legal and Ethical Issues			3
EDRG 4325 Content Area Literacy			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 Requires Admission to the Educator Preparation Program (EPP)*****

Completion of 45 hours, ENGL 1301, ENGL 2311, at least MATH 1314, an additional math course, HIST 1301, HIST 1302, SPCH 1315, and 2 Life & Physical Sciences all with a C or better. Cumulative GPA of 2.75, qualifying scores in Reading, Writing, and Mathematics.

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

An earned letter grade of C in the following courses is required for this degree: BIOL 1306, BIOL 1106, BIOL 1307, BIOL 1107

Bachelor of Science in Biology
Concentration in Cell & Molecular Biology
2018-2019 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
STEM 3101 Jaguar Tracks 3		1
STEM 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 laboratory		1
CHEM 1112 General Chemistry II laboratory		1
CHEM 2323/2123 Organic Chemistry I w/lab		3/1
CHEM 2325/2125 Organic Chemistry II w/lab		3/1
PHYS 1301/1101 General Physics I w/lab		3/1
PHYS 1302/1102 General Physics II w/lab		3/1

MAJOR (REQUIRED) COURSES	33-35 SCH	
2.0 overall GPA for major	Grd	SCH
BIOL 1106 General Biology I laboratory		1
BIOL 1107 General Biology II laboratory		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 (Must be fulfilled by a concentration advanced elective- See List Below)		4
BIOL advanced electives (Can be fulfilled by any advanced electives)		6-8
CONCENTRATION REQUIRED COURSES	16 SCH	
	Grd	SCH
BIOL 2431 Cell Biology		4
BIOL 4401 Molecular Biology		4
2 of the following upper-division 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
 25% of courses must be taken at A&M-SA for degree

An earned letter grade of C in the following courses is required for this degree: BIOL 1306, BIOL 1106, BIOL 1307, BIOL 1107

**Bachelor of Science in Biology
With a Concentration in Zoology
2018-2019 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		
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
STEM 3101 Jaguar Tracks 3		1
STEM 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 laboratory		1
CHEM 1112 General Chemistry II laboratory		1
CHEM 2323/2123 Organic Chemistry I w/lab		3/1
CHEM 2325/2125 Organic Chemistry II w/lab		3/1
PHYS 1301/1101 General Physics I w/lab		3/1
PHYS 1302/1102 General Physics II w/lab		3/1

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

An earned letter grade of C in the following courses is required for this degree: BIOL 1306, BIOL 1106, BIOL 1307, BIOL 1107

MAJOR (REQUIRED) COURSES	33-35 SCH	
2.0 overall GPA for major	Grd	SCH
BIOL 1106 General Biology I laboratory		1
BIOL 1107 General Biology II laboratory		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 (Must be fulfilled by a concentration advance elective- See List Below)		4
BIOL advanced electives (can be fulfilled any advanced electives)		6-8
CONCENTRATION REQUIRED COURSES		
	Grd	SCH
BIOL 3401 Invertebrate Zoology		4
BIOL 3405 Vertebrate Zoology		4
2 of the following upper-division 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

**Bachelor of Science in Biology
With a Concentration in Ecology
2018-2019 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		26 SCH	
	Grd	SCH	
UNIV 1101 Jaguar Tracks 1		1	
UNIV 2101 Jaguar Tracks 2		1	
STEM 3101 Jaguar Tracks 3		1	
STEM 4101 Jaguar Tracks 4		1	
MATH 2113 Calculus I Lab		1	
MATH 3301 or 4303 Statistics (Biostatistics or Statistical Methods)		3	
CHEM 1111 General Chemistry I lab		1	
CHEM 1112 General Chemistry II lab		1	
CHEM 2323/2123 Organic Chemistry I w/lab		3/1	
CHEM 2325/2125 Organic Chemistry II w/lab		3/1	
PHYS 1301/1101 General Physics I w/lab		3/1	
PHYS 1302/1102 General Physics II w/lab		3/1	

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

An earned letter grade of C in the following courses is required for this degree: BIOL 1306, BIOL 1106, BIOL 1307, BIOL 1107

MAJOR (REQUIRED) COURSES		33-35 SCH	
2.0 overall GPA for major		Grd	SCH
BIOL 1106 General Biology I laboratory			1
BIOL 1107 General Biology II laboratory			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 (Can be fulfilled by any advanced electives)			4
BIOL advanced electives (Can be fulfilled by any advanced elective)			6-8
CONCENTRATION REQUIRED COURSES		17-18 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 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

**Bachelor of Arts in Communications
2018-2019 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		
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		
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	10 SCH	
	Grd	SCH
Foreign Language must be in same language		3
Foreign Language must be in same language		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
COMM 3101 Jaguar Tracks 3		1
COMM 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.

MAJOR (REQUIRED) COURSES	36 SCH	
2.0 overall GPA for major	Grd	SCH
COMM 1307 Intro to Mass Communication		3
COMM 2300 Multimedia Literacy		3
COMM 2305 News Editing		3
COMM 2311 Media Writing		3
COMM 3301 Reporting		3
COMJ 3328 Photojournalism I		3
COMM ELECTIVE w/ Lab Choose COMM 3308, RTVF 3303, or RTVF 3315		3
COMM 4317 Mass Media, Public & the Law		3
COMJ 4322 Public Relations		3
COMM 4392/COMM 4393 Internship/Senior Communication Seminar		3
COMM/COMJ ADV. ELECTIVES		3
COMM/COMJ ADV. ELECTIVES		3
MINOR	18 SCH	
2.0 overall GPA		
--A minimum of 6 upper-division credit hours required. Actual number of hours depends on the minor selected		
	Grd	SCH
ELECTIVES		
As needed to complete 120 credit hours	Grd	SCH

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 UPPER-DIVISION CREDIT HOURS REQUIRED FOR DEGREE
30 UPPER-DIVISION HOURS AND 25% OF TOTAL SEMESTER
HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED
AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT**

**Bachelor of Arts in English: Literature Emphasis
2018-2019 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		
ENGL 2321 British Lit, ENGL 2326 Lit of Americas, ENGL 2331 World Lit, ENGL 2344 Intro to Fiction, or ENGL 2346 Intro to Poetry		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American 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
ENGL 3101 Jag Tracks 3		1
ENGL 4101 Jag Tracks 4		1

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM TAMUSA FOR RESIDENCY)**

MAJOR REQUIRED COURSES	39 SCH	
2.0 overall GPA for major	GRD	SCH
36 hours must be upper-division		
ENGL 2370 Intro to English Studies (year 2 sem 1)		3
ENGL 3312 Intro Rhetoric (year 3 sem 1)		3
ENGL 3315 Intro to Critical Theory (year 3 sem 2)		3
ENGL 3331 Intersectional Shakespeare (year sem 2)		3
ENGL 4386 African American Lit or ENGL 4388 Latinx Lit (year 4 Sem 1)		3
ENGL 4398 Senior Seminar (year 4 sem 2)		3
Group One (Choose 1) Year 3		
ENGL 3322, 3325, or 3327 Medieval Lit, Early Modern Lit, 18 th Century Lit		3
Group Two (Choose 1) Year 3		
ENGL 3342, 3344, or 3346 Romantic Lit, Victorian Lit, 20 th & 21 st Century Lit		3
Group Three (Choose 1) Year 3		
ENGL 3362 or 3363 Early American Lit, American Romanticism		3
Group Four (Choose 1) Year 4		
ENGL 3364, 3366 1865 to Progressive Era, 20 th & 21 st Century Lit.		3
Group Five (Choose 2) Year 3 Year 4		
ENGL 3300, 3301, 3320, 3376, 4310, 4312, 4315, 4330, or 4340 Special Topics, Adv Tech Writ, Writ in the Humanities, Mythology, Linguistics, Adv Comp, Grammar & Style, Topics in Creative Writ, Research Methods in Rhetoric and Comp (co-req 4341)		6
Group Six (Choose 1)		
ENGL 4370, 4372, 4375, 4395, or 4341 Special Topics, Major Authors, Women's Lit, Adv Visual Studies, Internship (co-req 4340)		3
Optional Minor	18 SCH	
2.0 overall GPA		
10 Advanced Credit Hours Required		
	GRD	SCH
ELECTIVES	SCH	
--As needed to complete 120 credit hours required		
	GRD	SCH

**Bachelor of Arts in English: Rhetoric and Writing Emphasis
2018-2019 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		
ENGL 2321 British Lit, ENGL 2326 Lit of Americas, ENGL 2331 World Lit, ENGL 2344 Intro to Fiction, or ENGL 2346 Intro to Poetry		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American History to 1865		3
HIST 1302 American 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		
	GRD	SCH
Preferably one language; if not <u>only</u> two languages		
Foreign Language		3
Foreign Language		3
UNIV 1101 Jag Tracks 1		1
UNIV 2101 Jag Tracks 2		1
ENGL 3101 Jag Tracks 3		1
ENGL 4101 Jag Tracks 4		1

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM TAMUSA FOR RESIDENCY)**

MAJOR REQUIRED COURSES	36 SCH	
2.0 overall GPA for major	GRD	SCH
ENGL 2370 Intro to English Studies (Year 2 Sem 1)		3
ENGL 3312 Intro to Rhetoric (year 3 sem 1)		3
ENGL 3315 Intro to Critical Theory (year 3 sem 2)		3
ENGL 3331 Intersectional Shakespeare (Year 3 Sem 2)		3
ENGL 4386 African American lit or ENGL 4388 Latinx lit (year 4 sem 1)		3
ENGL 4340 Research methods in rhetoric and writing (year 4, sem 1)		3
ENGL 4341 Rhetoric and Writing Internship (year 4, sem 1)		3
ENGL 4398 Senior Seminar (year 4 sem 2)		3
Group One (choose 1) Year 3 Sem 1		
ENGL 2312 Borderland Rhetoric, ENGL 2314 Writing for the Professions		3
Group Two (choose 1) Year 3 Sem 2		
ENGL 3302 Rhetoric and Materiality, ENGL 3317 Grammar and Style, ENGL 3303 Professional Editing		3
Group Three (choose 1) Year 3 Sem 2		
ENGL 4342 Major Rhetoricians, ENGL 4343 Grant Writing, ENGL 4344 Writing for the Web, ENGL 4330 Topics in Creative Writing		3
Group Four: (choose 1) Year 4, Sem 1		
ENGL 4312 Introduction to Composition Studies, ENGL 4301 Advanced Technical Writing		
Optional Minor	18 SCH	
2.0 overall GPA	GRD	SCH
■ 10 Advanced Credit Hours Required		
ELECTIVES	SCH	
--As needed to complete 120 credit hours for degree and 36 upper-division credit hours		
	GRD	SCH

**Bachelor of Arts in English
With Teacher Certification
2018-2019 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		
ENGL 2321 British Lit, ENGL 2326 Lit of Americas, ENGL 2331 World Lit, ENGL 2344 Intro to Fiction, or ENGL 2346 Intro to Poetry		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 American. History to 1865		3
HIST 1302 American. 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 Pub Speaking		3
Component Area Option Course from Approved List		3
REQUIRED SUPPORT COURSES	10 SCH	
Preferably one language; if not <u>only</u> two languages	GRD	SCH
Foreign Language		3
Foreign Language		3
UNIV 1101 Jag Tracks 1		1
UNIV 2101 Jag Tracks 2		1
ENGL 3101 or EDCI 3101 Jag Tracks 3		1
ENGL 4101 or EDCI 4101 Jag Tracks 4		1

*****Completion of this Degree Requires Admission to the Educator Preparation Program (EPP)*****

Completion of 45 hours; ENGL 1301, ENGL 1302, MATH 1332, HIST 1301, HIST 1302, EDUC 2301, and 2 Life & Physical Sciences all with a 'C' or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics.

**120 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM TAMUSA FOR RESIDENCY)**

MAJOR REQUIRED COURSES 2.75 overall GPA for major	36 SCH	
	GRD	SCH
ENGL 2370 Intro to English Studies (Year 2 Sem 1)		3
ENGL 3312 Intro to Rhetoric or ENGL 3315 Intro to Critical Theory		3
ENGL 3331 Intersectional Shakespeare (Year 3 Sem 2)		3
ENGL 3303 Professional Editing or ENGL 3317 Grammar and Style		3
ENGL 4312 Intro to Composition Studies		3
ENGL 4386 African American Lit or ENGL 4388 Latinx Lit		3
ENGL 4392 Teaching English (year 3 or 4)		3
Group One (choose 1) Year 3 Sem 1		
ENGL 3322, 3325, or 3327 Medieval Lit, Early Modern Lit, 18 th Century Lit		3
Group Two (choose 1) Year 3 Sem 2		
ENGL 3342, 3344, or 3346 Romantic Lit, Victorian Lit, 20 th & 21 st Century British Lit		3
Group Three (Choose 1) Year 3 Sem 1		
ENGL 3362, 3363 Early American Lit, American Romanticism		3
Group four (choose 1) Year 3 Sems 1&2		
ENGL 3364, 3366 1865 to Progressive Era, 20 th & 21 st Century America Lit		3
Group Five (choose 1)		
ENGL 3300, 3320, 3376, 4301, 4310, 4330, or 4340, 4370, 4372, 4375, 4395, 4398 Spec Topics in Writ, Writ in the Humanities, Mythology, Adv Tech Writ, Linguistics, Topics in Creative Writ, Research Methods in Rhetoric and Comp (co-req 4341), Special Topics, Major Authors, Women's Lit, Adv Visual Studies, Senior Seminar		3
TEACHER CERTIFICATION REQUIRED COURSES 2.75 overall GPA	29 SCH	
	GRD	SCH
EDCI 1301 Intro to Teaching		3
EDCI 3303 Development & Behavior		3
EDSE 3345 Survey of Exceptional Children		3
EDCI 4311 Teaching & Pedagogy for MS & Sec		3
EDCI 3358 Classroom Management		3
EDCI 3357 English/ LA Methods		3
EDRG 4325 Disciplinary & Content Area Lit		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 for degree and 36 upper-division credit hours		
Recommended courses for teacher cert	GRD	SCH
EDRG 3355 Teaching Rdg at Sec Levl		3
EDRG 3389 Teaching Rdg in Inter/Mid Sch		3

**Bachelor of Arts in History
European Studies Track
2018-2019 Degree Plan**

CORE CURRICULUM (See note below)	42 SCH	
	Grd	SCH
<i>(010) COMMUNICATION</i>		
ENGL 1301 Composition I		3
ENGL 1302 Composition II		3
<i>(020) MATHEMATICS</i>		
Mathematics		3
<i>(030) LIFE and PHYSICAL SCIENCES</i>		
Life & Physical Science		3
Life & Physical Science		3
<i>(040) LANGUAGE, PHILOSOPHY AND CULTURE</i>		
Lang/Phil/Culture		3
<i>(050) CREATIVE ARTS</i>		
Creative Arts		3
<i>(060) AMERICAN HISTORY</i>		
HIST 1301 American History to 1865		3
HIST 1302 American History since 1865		3
<i>(070) GOVERNMENT/POLITICAL SCIENCE</i>		
GOVT 2305 Federal Government		3
GOVT 2306 Texas Government		3
<i>(080) SOCIAL & BEHAVIORAL SCIENCES</i>		
Social & Behavioral Sciences		3
<i>(090) COMPONENT AREA OPTION</i>		
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
HIST 3101 Jaguar Tracks 3: History		1
HIST 4101 Jaguar Tracks 4: History		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. elec		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 3301 Introduction to Historical Analysis		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 upper-division 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, Social Studies Composite
2018-2019 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 or MATH 1332 Contemporary 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		
	13 SCH	
Preferably one language, maximum of 2 languages; conversational language will not count	Grd	SCH
Foreign Language		3
Foreign Language		3
HIST 2322 World Civilization II		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
HIST 3101 or EDCI 3101 Jaguar Tracks 3		1
HIST 4101 or EDCI 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.

123 CREDIT HOURS REQUIRED FOR DEGREE
36 UPPER-DIVISION CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)

MAJOR (REQUIRED) COURSES 2.75 overall GPA for major	24 SCH	
	Grd	SCH
HIST 2301 Texas History		3
HIST 4334 Civil War		3
HIST 4330/4331		3
HIST 4335/4336/4338 U.S. upper-division elective (choose 1)		3
HIST Latin American adv. elective		3
HIST European adv. elective		3
HIST 3301 Introduction to Historical Analysis		3
HIST 4301 Methods of Historical Research		3
SOCIAL STUDIES COMPOSITE		
	12 SCH	
	Grd	SCH
GEOG 1303 World Geography		3
GEOG 3331 United States and Canada		3
POLS 3311/3312/3313 (choose 1)		3
POLS 3311/3312/3313 (choose 1)		3
TEACHER CERTIFICATION REQUIRED COURSES 2.75 overall GPA		
	29 SCH	
	Grd	SCH
EDCI 3303 Knowledge of Pedag & Assmt		3
EDSE 3345 Survey of Exceptional Children		3
EDCI 4311 Tch & Pedagogy for Mid/Sec Tchr		3
EDCI 3358 Classroom Management		3
EDCI 4309 Legal & Ethical Issues in Educ		3
EDCI 3359 Social Studies Methods		3
EDRG 4325 Dis & Content Area Literacy		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 Requires Admission to the Educator Preparation Program (EPP)*****

Completion of 45 hours; ENGL 1301, ENGL 1302, MATH 1314 (or MATH 1332), 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 a n 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
2018-2019 Degree Plan**

CORE CURRICULUM		42 SCH	
	Grd	SCH	
<i>(010) COMMUNICATION</i>			
ENGL 1301 Composition I			3
ENGL 2311 Technical Writing			3
<i>(020) MATHEMATICS</i>			
Math 2313 Calculus I (or MATH 2413) (See Required Support Courses)			3
<i>(030) LIFE and PHYSICAL SCIENCES</i>			
PHYS 2325 University Physics I (See Required Support Courses)			3
PHYS 2326 University Physics II (See Required Support Courses)			3
<i>(040) LANGUAGE, PHILOSOPHY AND CULTURE</i>			
Lang/Phil/Culture			3
<i>(050) CREATIVE ARTS</i>			
Creative Arts			3
<i>(060) AMERICAN HISTORY</i>			
HIST 1301 American History to 1865			3
HIST 1302 American History since 1865			3
<i>(070) GOVERNMENT/POLITICAL SCIENCE</i>			
GOVT 2305 Federal Government			3
GOVT 2306 Texas Government			3
<i>(080) SOCIAL & BEHAVIORAL SCIENCES</i>			
Social & Behavioral Sciences			3
<i>(090) COMPONENT AREA OPTION</i>			
SPCH 1315 or SPCH 1318			3
MATH 2312 Precalculus OR Course from Approved list			3
REQUIRED SUPPORT COURSES		10 SCH	
	Grd	SCH	
MATH 2113 Calculus I Lab: to be taken concurrently with Math 2313			1
PHYS 2125 University Physics I Lab (Must be taken concurrently with PHYS 2325)			1
PHYS 2126 University Physics I Lab (Must be taken concurrently with PHYS 2326)			1
CSCI 1336 Programming Fundamentals			3
UNIV 1101 Jaguar Tracks 1			1
UNIV 2101 Jaguar Tracks 2			1
STEM 3101 or EDCI 3101 Jaguar Tracks 3			1
STEM 4101 or EDCI 4101 Jaguar Tracks 4			1

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 UPPER-DIVISION CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

*****Completion of this Degree Requires Admission to the Educator Preparation Program (EPP)*****

Completion of 45 hours; ENGL 1301, ENGL 2311, MATH 1314, an additional math course, HIST 1301, HIST 1302, SPCH 1315 (or SPCH 1318) and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics.

MAJOR (REQUIRED) COURSES		34-35 SCH	
2.75 overall GPA for major		Grd	SCH
MATH 2314 Calculus II and MATH 2114 Calculus II Lab (OR MATH 2414)			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
TEACHER CERTIFICATION REQUIRED COURSES 2.75 overall GPA		29 SCH	
	Grd	SCH	
EDCI 3303 Knowledge of Pedag & Assessment			3
EDSE 3345 Survey of Exceptional Children			3
EDCI 4311 Tch & Pedagogy for Mid/Sec Tchr			3
EDCI 3358 Classroom Management			3
EDCI 4309 Legal & Ethical Issues			3
EDCI 4357 Math Methods-Middle & Secondary			3
EDFR 3110 Field Lab Residency I			1
EDFR 3120 Field Lab Residency II			1
EDFR 4623 Secondary School Student Teaching			6
EDRG 4325 Disciplinary & Content Area Lit.			3
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			3

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 Psychology
2018-2019 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 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		12 SCH	
	Grd	SCH	
UNIV 1101 Jaguar Tracks 1		1	
UNIV 2101 Jaguar Tracks 2		1	
STEM 3101 Jaguar Tracks 3		1	
STEM 4101 Jaguar Tracks 4		1	
BIOL 1106 General Biology I lab		1	
BIOL 1107 General Biology II lab		1	
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.

C MINIMUM REQUIRED IN PSYC 2301, 2202, 2385, 2388, 3488, CAPSTONE CLASS (PSYC 4333 OR 4388) AND MATH 1314 AND LIFE/PHYS SCIENCE COURSES

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 UPPER-DIVISION CREDIT HOURS REQUIRED FOR DEGREE**

30 UPPER-DIVISION HOURS AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

MAJOR (REQUIRED) COURSES		39 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 2385 Writing In Psychology			3
PSYC 2388 Research Stat I			3
PSYC 3488 Research Stat II			4
Capstone: Choose 1			3
PSYC 4388 Research Stat III			
PSYC 4333 History and Systems			
Choose one course from 5 of the 6 following areas Development:			15
PSYC 3327 Lifespan Development			
Learning and Cognition:			
PSYC 3304 Learning			
PSYC 4310 Cognition			
PSYC 4328 Perception			
Biological Bases of Behavior:			
PSYC 3315 Health Psychology			
PSYC 3316 Physiological Psychology			
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 upper-division 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
2018-2019 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 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		
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2 *		1
STEM 3101 Jaguar Tracks 3		1
STEM 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>(Lecture Meets Life & Physical Science requirement and lab meets 1hr for component are in Core Curriculum.)</i>		3/1
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>(Lecture Meets Life & Physical Science requirement and lab meets 1hr for component are in Core Curriculum.)</i>		3/1

**120 CREDIT HOURS REQUIRED FOR DEGREE
36 UPPER-DIVISION CREDIT HOURS REQUIRED FOR DEGREE
(30 ADVANCED HOURS FROM A&M-SA FOR RESIDENCY)**

MAJOR (REQUIRED) COURSES	40 SCH	
2.0 overall GPA for major	Grd	SCH
PSYC 2301 General Psych		0
PSYC 2202 Intro to Psychology Major		2
PSYC 2385 Writing for Psychology		2
PSYC 2388 Research Stat I		3
PSYC 3488/3088 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 Development:		15
PSYC 3327 Lifespan Development		
Learning and Cognition:		
PSYC 3304 Learning		
PSYC 4310 Cognition		
PSYC 4328 Perception		
Biological Bases of Behavior:		
PSYC 3316 Physiological Psychology		
PSYC 4325 Abnormal		
PSYC 3315 Health		
Social/Personality:		
PSYC 3305 Social Psychology		
PSYC 3365 Personality		
Applied Psychology:		
PSYC 3360 Industrial/ Organizational		
PSYC 4335 Clinical		
PSYC 4309 Assessment		
PSYC 4352 Forensic		
PSYC 4344 Military		
PSYC 4370 Psych 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
		3
		3
		3
MINOR (Optional)		
2.0 overall GPA		18 SCH
--A minimum of 10 upper-division credit hours required.		
OR ELECTIVES		
--At least 10 hours of electives must be 4 upper division if minor is not selected		
	Grd	SCH

C MINIMUM REQUIRED IN PSYC 2301, 2202, 2385, 2388, 3488, CAPSTONE CLASS (PSYC 4333 OR 4388) AND MATH 1314 AND LIFE/PHYS SCIENCE COURSES

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)

Mr. Jacky Howard, APMS TAMUSA Army ROTC
Patriots' Casa, Suite 202H
(210)784-117 3

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 United States Army Cadet Command Advance Camp the summer following their junior year. Upon satisfactory completion of Advance Camp 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 United States Army Cadet Command Basic Camp 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 Advance Camp, 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** (Minimum of 42 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. Specialization hours must be completed prior to enrollment in a BAAS degree plan.
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, Healthcare Services Administration, Information Technology, Interdisciplinary Studies (non-certification), Psychology, 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 en bloc 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 en bloc credits.

Firefighters

Firefighters in the state of Texas wishing to pursue a BAAS degree and who hold Texas Commission of Fire Protection (TCFP) firefighter certification and/or State Firefighters' and Fire Marshals' Association (SFFMA) master firefighter certification may use their TCFP/SFFMA/TEEX certification as en bloc credits to qualify them for the Bachelor of Applied Arts and Sciences degrees. The hours utilized in the en bloc credit area of the degree will be determined by the number of held certifications. Determination of credit hours using certifications will follow the WECM guidelines, with the maximum allowable being 42 semester credit hours of en bloc credits.

**Bachelor of Applied Arts & Sciences
Information Technology Concentration
2018-2019 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	Introductory Statistics		3
(030) LIFE AND 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	US History to 1865		3
HIST 1302	US 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			
MATH 1314	College Algebra		3
Component Option Course from Approved List			3
REQUIRED SUPPORT COURSES			
		Grd	SCH
CSCI 1336	Programming Fundamentals I		3
CSCI 1337	Programming Fundamentals II		3
CSCI 1136	Programming Fundamentals I Laboratory		1
CSCI 1137	Programming Fundamentals II Laboratory		1
UNIV 1101	Jaguar Tracks I		1
UNIV 2101	Jaguar Tracks II		1
CISA 3101	Jaguar Tracks III Computer Information Sys		1
CISA 4101	Jaguar Tracks IV Computer Information Sys		1
TECHNICAL/VOCATIONAL CREDITS		18-42 SCH	
<i>En bloc credits must be taken in the field of Information Technology area.</i>		Grd	Cr Hr

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	
All courses below must be taken at A&M-SA			
		Grd	SCH
BCOM 3304	Business Communication		3
CISA 3354	COBOL Programming, 4309 Scripting Languages, or 4335 ABAP SAP Programming		3
CISA 3351	Database Design and SQL		3
CISA 3356	Systems Analysis and Design		3
CISA 4306	Computer Networks		3
CISA 4321	Information Security		3
CISA 4358	Senior Project & Seminar		3
Upper Division CISA Course			3
Upper Division CISA Course			3
Upper Division CISA Course			3
Upper Division CISA Course			3
Upper-Division CISA Course or Business Elective			3
ELECTIVES			
<i>--As needed to complete 120 credit hours required</i>			
		Grd	SCH
TOTALS			
Total General Education Hours (42)			
Support Courses (12)			
En bloc credits (18-42)			
Total IT Emphasis Hours (36)			
Electives			
Total Semester hours:			120

- 120 CREDIT HOURS REQUIRED FOR DEGREE
- THE 36 UPPER-DIVISION HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT
- MUST RECEIVE A GRADE OF "C" OR BETTER IN ALL MATH, CSCI, AND CISA COURSES AND THEIR ASSOCIATED PREREQUISITES FOR SATISFACTORY PASSING GRADE. APPLIES TO TRANSFER COURSES ALSO.
- ACADEMIC COURSES CANNOT BE COUNTED TOWARDS TECHNICAL/VOCATIONAL CREDITS.
- TECHNICAL/VOCATIONAL CREDITS FROM NON-APPROVED COLLEGES REQUIRES DEPT HEAD AND DEAN APPROVAL.
- ACADEMIC OR TECHNICAL/VOCATIONAL CREDITS TRANSFERRED AS SUBSTITUTION COURSES MUST BE COMPLETED WITHIN PREVIOUS FIVE YEARS OF ADMISSION TO A&M-SA

**Bachelor of Applied Arts & Sciences
Information Technology/Enterprise Resource Management Concentration
2018-2019 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	Introductory Statistics		3
(030) LIFE AND 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	US History to 1865		3
HIST 1302	US History from 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			
MATH 1314	College Algebra		3
	Component Option Course from Approved List		3
REQUIRED SUPPORT COURSES		12 SCH	
		Grd	SCH
CSCI 1336	Programming Fundamentals I		3
CSCI 1337	Programming Fundamentals II		3
CSCI 1136	Programming Fundamentals I Lab		1
CSCI 1137	Programming Fundamentals II Lab		1
UNIV 1101	Jaguar Tracks I		1
UNIV 2101	Jaguar Tracks II		1
CISA 3101	Jaguar Tracks III Computer Information Sys		1
CISA 4101	Jaguar Tracks IV Computer Information Sys		1
TECHNICAL/VOCATIONAL CREDITS		18-42 SCH	
	<i>En bloc credits must be taken in the field of Information Technology 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.

*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	COBOL Programming, 4309 Scripting Languages, or 4335 ABAP SAP Programming		3
CISA 3351	Database Design and SQL		3
CISA 3356	Systems Analysis and Design		3
CISA 4306	Computer Networks		3
CISA 4321	Information Security		3
CISA 4358	Senior Project & Seminar		3
Enterprise Resource Management Electives			
ACCT 4317	Accounting Information Systems or		3
CISA 4331	Enterprise Resource Planning Systems		
CISA 4311	Project Management		3
CISA 4334	Business Process Integration		3
CISA 4332	Business Intelligence/ Data Mining		3
CISA 4333	Supply Chain Integration		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 (12)</i>			
<i>En bloc 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
- THE 36 UPPER-DIVISION HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT
- MUST RECEIVE A GRADE OF "C" OR BETTER IN ALL MATH, CSCI, AND CISA COURSES AND THEIR ASSOCIATED PREREQUISITES FOR SATISFACTORY PASSING GRADE. APPLIES TO TRANSFER COURSES ALSO.
- ACADEMIC COURSES CANNOT BE COUNTED TOWARDS TECHNICAL/VOCATIONAL CREDITS.
- TECHNICAL/VOCATIONAL CREDITS FROM NON-APPROVED COLLEGES REQUIRES DEPT HEAD AND DEAN APPROVAL.
- ACADEMIC OR TECHNICAL/VOCATIONAL CREDITS TRANSFERRED AS SUBSTITUTION COURSES MUST BE COMPLETED WITHIN PREVIOUS FIVE YEARS OF ADMISSION TO A&M-SA

**Bachelor of Applied Arts & Sciences
Interdisciplinary Studies Concentration (Non-certification)
2018-2019 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		
Language/Philosophy/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 US History to 1865		3
HIST 1302 US History from 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 I		1
UNIV 2101 Jaguar Tracks II		1
*BUAD 3101, EDCI 3101, EDKN 3101, or SSCI 3101 Jaguar Tracks III		1
*BUAD 4101, EDCI 4101, EDKN 4101, or SSCI 4101 Jaguar Tracks IV		1
*Jag Track III and IV (3101 and 4101) must be in the same discipline and must be from one of the student's selected concentrations.		
TECHNICAL/VOCATIONAL CREDITS		
	18-42 SCH	
<i>En bloc Credits</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.

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		
EDEC 3307 Child & Adol Dev as it Imp Instr		3
EDEC 4314 Cognitive Development		3
EDEC 4315 Social/Emotional Dev		3
EDSE 3345 Survey of Exceptional Individuals		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
- THE 36 UPPER-DIVISION HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

COLLEGE OF BUSINESS Undergraduate Programs

Dr. Tracy Hurley, *Dean of the College of Business*
Dr. Syed Harun, *Department Chair, Department of Accounting and Finance*
Dr. Amy Lewis, *Department Chair, Department of Management and Marketing*
Dr. Akhtar Lodgher, *Department Chair, Department of Computing and Cybersecurity*
Cynthia Kinney-Lee, *Office Manager*
Central Academic Building, Suite 439(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 except BLAW 3341, BCOM 3304, CISA 3358, BUAD 3311, MKTG 3311, MGMT 3311, and MGMT 3325.

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	ECON 2301
ACCT 2302	ECON 2302
CISA 1305 (For CISA majors: CSCI 1336/1337)	

Additionally, students must have a 2.0 grade point average for the following group of courses:

ENGL 1301	MATH 1314/1324
ENGL 1302	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.

Quantitative and Statistical Skills

The college requires that all of its majors demonstrate proficient quantitative skills. Passing BUAD 3311: Quantitative Methods and BUAD 3355: Business Statistics with a grade of ‘C’ or better would demonstrate a minimum level of proficiency. If a student is found to be deficient in either of these classes, the student must retake the course(s) until the required minimum grade is achieved in both.

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.

Computer Science, Computer Information Systems, and BAAS Computing Related Majors

All Computer Science, Computer Information Systems and students in the computing related BAAS majors must receive a grade of “C” or better in all CSCI, CISA and MATH courses and their associated prerequisites. If a student is found deficient in these courses, the student must retake the course(s) until the required minimum grade is achieved. Students in these majors may not proceed to the next course without achieving the minimum grade in the pre-requisite course. Academic courses transferred in as CSCI, CISA or MATH courses also must meet the minimum grade criteria.

Residency Requirement

A minimum of 25% of total semester hours and 30 upper division hours required for the BBA degree must be completed at A&M-SA to satisfy residency requirement. At least half of the required 30 upper division hours must be the in the major courses. See individual computing related degree programs for specific residency requirements.

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.

Certificates

The College of Business offers students the opportunity to gain marketable skills Certificates in Digital Marketing, Human Resources Management and Cyber Security. The courses in these certificates can be taken by any

undergraduate student enrolled at Texas A&M University-San Antonio and count as electives according to degree plan requirements. All certificates will only be awarded in conjunction with a baccalaureate degree.

The Digital Marketing Certificate includes the following four courses (12 SCH):

- MKTG 3311 Principles of Marketing
- MKTG 3343 Digital Marketing
- MKTG 3340 Consumer Behavior
- MKTG 3363 Social Media Marketing

The Human Resources Management Certificate includes the following five courses (13 SCH):

- MGMT 3325 HR Policies & Procedure
- MGMT 4342 Training & Development
- MGMT 4341 Compensation & Benefits Management
- MGMT 4344 Organizational Leadership
- MGMT 3160 Team Work

The Cyber Security Certificate includes the following five courses (13 SCH):

- CSCI 1336 Programming Fundamentals I (3 hours)
- CSCI 1136 Programming Fundamentals I Laboratory (1 hour)
- CSCI 3321 Cyber Security or CISA 4321 Information Security (3 hours)
- CISA 4306 Computer Networks (3 hours)
- CISA 4322 (Information Policy Assurance) or CISA 4323 (Computer Forensics) or CISA 4324 (Security Risk Analysis) (3 hours)

College of Business Minors and Degree Program Requirements

The minors offered by the College of Business include Business Administration, Computer Information Systems, and Computer Science. Consult with your academic advisor to determine the optimum number of lower-division and upper-division courses within the chosen minor.

Business Administration: The following courses are required: ACCT 2301 (Principles of Financial Accounting), MGMT 3311 (Principles of Management), MKTG 3311 (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 3343: Digital Marketing

Computer Information Systems (Available only to non-business majors): The following courses are required: CISA 1305 (Business Computer Applications), CSCI 1336 (Programming Fundamentals I), CSCI 1136 (Programming Fundamentals I Lab), CISA 3356 (Database Design and SQL), CISA 3358 (Management Information Systems), and four approved advanced CISA courses.

Computer Science (Available only to any major): The computer science minor consists of the following required courses (18 hours):

- CSCI 1136 Programming Fundamentals I Lab
- CSCI 1137 Programming Fundamentals II Lab
- CSCI 1336 Programming Fundamentals I
- CSCI 1337 Programming Fundamentals II
- CSCI 2136 Programming Fundamentals III Lab
- CSCI 2336 Programming Fundamentals III
- CSCI 3304 Database systems
- 3 Additional semester credit hours from an upper-division CSCI course or approved CISA elective

**Bachelor of Business Administration in Accounting
2018-2019 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 MATH 1324		3
(030) LIFE AND PHYSICAL SCIENCE		
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 US to 1865		3
HIST 1302 US from 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 I		1
UNIV 2101 Jaguar Tracks II		1
BUAD 3101 Jaguar Tracks III Business		1
BUAD 4101 Jaguar Tracks IV Business		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, ACCT 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 UPPER-DIVISION HOURS (WITH MINIMUM 15 HOURS IN MAJOR COURSES) AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Business Administration in Computer Information Systems
2018-2019 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 MATH1324		3
(030) LIFE AND PHYSICAL SCIENCE		
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 US History to 1865		3
HIST 1302 US History from 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 Principles of Financial Acct		3
ACCT 2302 Principles of Managerial Acct		3
CSCI 1336 Programming Fundamentals I		3
UNIVERSITY REQUIREMENTS	4 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks I		1
UNIV 2101 Jaguar Tracks II		1
CISA 3101 Jaguar Tracks III Computer Information Sys		1
CISA 4101 Jaguar Tracks IV Computer Information Sys		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 Design and SQL		3
CISA 1337 Programming Fundamentals II		3
CISA 4309 Scripting Languages		3
CISA 4306 Computer Networks		3
CISA 4358 Senior Seminar & Project		3
CISA 4321 Information Security		3
Major Requirements		
Upper Division CISA Elective		3
Upper Division CISA Elective		3
CISA/Business Elective		3
ELECTIVE	2 SCH	
	GRD	SCH
CSCI 1136 Programming Fundamentals I Lab		1
CSCI 1137 Programming Fundamentals II Lab		1

- 120 CREDIT HOURS REQUIRED FOR DEGREE
- 50 OF THE 60 HOURS LISTED UNDER BUSINESS CORE AND MAJOR COURSES MUST BE COMPLETED AT A&M-SA.
- MUST RECEIVE A GRADE OF "C" OR BETTER IN ALL MATH, CSCI, AND CISA COURSES AND THEIR ASSOCIATED PREREQUISITES FOR SATISFACTORY PASSING GRADE. APPLIES TO TRANSFER COURSES ALSO.
- ACADEMIC CREDITS TRANSFERRED AS SUBSTITUTION COURSES MUST BE COMPLETED WITHIN PREVIOUS FIVE YEARS OF ADMISSION TO A&M-SA

**Bachelor of Business Administration in Computer Information Systems
Enterprise Resource Planning Systems Concentration
2018-2019 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 MATH 1324		3
(030) LIFE AND PHYSICAL SCIENCE		
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 US History to 1865		3
HIST 1302 US History from 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 Principles of Financial Acct		3
ACCT 2302 Principles of Managerial Acct		3
CSCI 1336 Programming Fundamentals I		3
UNIVERSITY REQUIREMENTS	4 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks I		1
UNIV 2101 Jaguar Tracks II		1
CISA 3101 Jaguar Tracks III Computer Information Sys		1
CISA 4101 Jaguar Tracks IV Computer Information Sys		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 Management		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
CISA 3351 Database Design and SQL		3
CSCI 1337 Programming Fundamentals II		3
CISA 4309 Scripting Language		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 4311 Project Management		3
CISA 4332 or CISA 4333		3
ELECTIVE	2 SCH	
	GRD	SCH
CSCI 1136 Programming Fundamentals I Lab		1
CSCI 1137 Programming Fundamentals II Lab		1

- 120 CREDIT HOURS REQUIRED FOR DEGREE
- 50 OF THE 60 HOURS LISTED UNDER BUSINESS CORE AND MAJOR COURSES MUST BE COMPLETED AT A&M-SA.
- MUST RECEIVE A GRADE OF "C" OR BETTER IN ALL MATH, CSCI, AND CISA COURSES AND THEIR ASSOCIATED PREREQUISITES FOR SATISFACTORY PASSING GRADE. APPLIES TO TRANSFER COURSES ALSO.
- ACADEMIC CREDITS TRANSFERRED AS SUBSTITUTION COURSES MUST BE COMPLETED WITHIN PREVIOUS FIVE YEARS OF ADMISSION TO A&M-SA

**Bachelor of Business Administration in Computer Information Systems
Information Assurance and Security Concentration
2018-2019 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 MATH 1324		3
(030) LIFE AND PHYSICAL SCIENCE		
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 US History to 1865		3
HIST 1302 US History from 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 Principles of Financial Acct		3
ACCT 2302 Principles of Managerial Acct		3
CSCI 1336 Programming Fundamentals I		3
UNIVERSITY REQUIREMENTS	4 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks I		1
UNIV 2101 Jaguar Tracks II		1
CISA 3101 3101 Jaguar Tracks III Computer Information Sys		1
CISA 4101 Jaguar Tracks IV Computer Information Sys		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 Management		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
CSCI 1337 Programming Fundamentals II		3
CISA 4309 Scripting Languages		3
CISA 4326 Security & Ops Practicum		3
CISA 4321 Information Security		3
Concentration Requirements		
CISA 4323 Computer Forensics		3
CISA 4324 Security Risk Analysis		3
CISA 4306 Computer Networks		3
CISA 4325 Network Security		3
ELECTIVE	2 SCH	
	GRD	SCH
CSCI 1136 Programming Fundamentals I Lab		1
CSCI 1137 Programming Fundamentals II Lab		1

- 120 CREDIT HOURS REQUIRED FOR DEGREE
- 50 OF THE 60 HOURS LISTED UNDER BUSINESS CORE AND MAJOR COURSES MUST BE COMPLETED AT A&M-SA.
- MUST RECEIVE A GRADE OF "C" OR BETTER IN ALL MATH, CSCI, AND CISA COURSES AND THEIR ASSOCIATED PREREQUISITES FOR SATISFACTORY PASSING GRADE. APPLIES TO TRANSFER COURSES ALSO.
- ACADEMIC CREDITS TRANSFERRED AS SUBSTITUTION COURSES MUST BE COMPLETED WITHIN PREVIOUS FIVE YEARS OF ADMISSION TO A&M-SA

**Bachelor of Business Administration in Computer Information Systems
Project Management Concentration
2018-2019 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 MATH 1324		3	
(030) LIFE AND PHYSICAL SCIENCE			
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 US History to 1865		3	
HIST 1302 US History from 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 Principles of Financial Acct		3	
ACCT 2302 Principles of Managerial Acct		3	
CSCI 1336 Programming Fund I		3	
UNIVERSITY REQUIREMENTS		4 SCH	
	Grd	SCH	
UNIV 1101 Jaguar Tracks I		1	
UNIV 2101 Jaguar Tracks II		1	
CISA 3101 Jaguar Tracks III Computer Information Sys		1	
CISA 4101 Jaguar Tracks IV Computer Information Sys		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 Management			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
CSCI 1337 Programming Fundamentals II			3
CISA 4309 Scripting Languages			3
CISA 4358 Senior Project and Seminar			3
CISA 4321 Information Security			3
Concentration Requirements			
CISA/ MGMT4311 (Project Management)			3
CISA/ MGMT 4312 (Project Risk Management)			3
MGMT 4323 (Total Quality & Lean Management)			3
MGMT 4344 (Organizational Leadership)			3
ELECTIVE		2 SCH	
		GRD	SCH
CSCI 1136 Programming Fundamentals I Lab			1
CSCI 1137 Programming Fundamentals II Lab			1

- 120 CREDIT HOURS REQUIRED FOR DEGREE
- 50 OF THE 60 HOURS LISTED UNDER BUSINESS CORE AND MAJOR COURSES MUST BE COMPLETED AT A&M-SA.
- MUST RECEIVE A GRADE OF "C" OR BETTER IN ALL MATH, CSCI, AND CISA COURSES AND THEIR ASSOCIATED PREREQUISITES FOR SATISFACTORY PASSING GRADE. APPLIES TO TRANSFER COURSES ALSO.
- ACADEMIC CREDITS TRANSFERRED AS SUBSTITUTION COURSES MUST BE COMPLETED WITHIN PREVIOUS FIVE YEARS OF ADMISSION TO A&M-SA

**Bachelor of Business Administration in Finance
2018-2019 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 MATH 1324		3
(030) LIFE AND PHYSICAL SCIENCE		
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 US History to 1865		3
HIST 1302 US History from 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 I		1
UNIV 2101 Jaguar Tracks II		1
BUAD 3101 Jaguar Tracks III Business		1
BUAD 4101 Jaguar Tracks IV Business		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 3302 Intermediate Acct I		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 3310 Corporate 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 4336 Financial Mgmt		3
FINC 4342 International Finance		3
FINC Elective (Advanced)		3
FINC Elective (Advanced)		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 UPPER-DIVISION HOURS (WITH MINIMUM 15 HOURS IN MAJOR COURSES) AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Business Administration in General Business
2018-2019 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 or MATH1324		3
(030) LIFE AND PHYSICAL SCIENCE		
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 US History to 1865		3
HIST 1302 US History from 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 I		1
UNIV 2101 Jaguar Tracks II		1
BUAD 3101 Jaguar Tracks III Business		1
BUAD 4101 Jaguar Tracks IV Business		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 3361 Principles Of Marketing		3
MGMT 4370 MGMT Decision and Business Policy <i>(to be completed in your last semester only) **</i>		3
Multidisciplinary Certificates/Badges/Electives		27 SCH
	Grd	SCH
Business Certificate or Badges		12-13
Business or Non-business Certificates or Badges		6-13
Business or Non-business Electives (Advanced)		1-10
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 UPPER-DIVISION HOURS (WITH MINIMUM 15 HOURS IN MAJOR COURSES) AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Business Administration in International Management
2018-2019 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 or MATH 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 US History to 1865		3
HIST 1302 US History from 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 I		1
UNIV 2101 Jaguar Tracks II		1
BUAD 3101 Jaguar Tracks III Business		1
BUAD 4101 Jaguar Tracks IV Business		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
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		
	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 UPPER-DIVISION HOURS (WITH MINIMUM 15 HOURS IN MAJOR COURSES) AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Business Administration in Management
2018-2019 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 or MATH 1324		3
(030) LIFE AND PHYSICAL SCIENCE		
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 US History to 1865		3
HIST 1302 US History from 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 I		1
UNIV 2101 Jaguar Tracks II		1
BUAD 3101 Jaguar Tracks III Business		1
BUAD 4101 Jaguar Tracks IV Business		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 (<i>to be completed in your last semester only</i>) **		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		1
BUAD Experiential Learning		1
Business Elective (Advanced)		3

- 120 CREDIT HOURS REQUIRED FOR DEGREE
- 36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
- 30 UPPER-DIVISION HOURS (WITH MINIMUM 15 HOURS IN MAJOR COURSES) AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Business Administration in Management
Entrepreneurship Concentration
2018-2019 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 or MATH 1324		3
(030) LIFE AND PHYSICAL SCIENCE		
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 US History to 1865		3
HIST 1302 US History from 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 I		1
UNIV 2101 Jaguar Tracks II		1
BUAD 3101 Jaguar Tracks III Business		1
BUAD 4101 Jaguar Tracks IV Business		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: Fund of Small Bus Management)		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		1
BUAD Experiential Learning		1

- 120 CREDIT HOURS REQUIRED FOR DEGREE
- 36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
- 30 UPPER-DIVISION HOURS (WITH MINIMUM 15 HOURS IN MAJOR COURSES) AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Business Administration in Management
Human Resources Concentration
2018-2019 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 or MATH 1324		3	
(030) LIFE AND PHYSICAL SCIENCE			
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 US History to 1865		3	
HIST 1302 US History from 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 I		1	
UNIV 2101 Jaguar Tracks II		1	
BUAD 3101 Jaguar Tracks III Business		1	
BUAD 4101 Jaguar Tracks IV Business		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 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			1
BUAD Experiential Learning			1

- 120 CREDIT HOURS REQUIRED FOR DEGREE
- 36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
- 30 UPPER-DIVISION HOURS (WITH MINIMUM 15 HOURS IN MAJOR COURSES) AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Business Administration in Management
Supply Chain Management Concentration
2018-2019 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 or MATH1324		3
(030) LIFE AND 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 US History to 1865		3
HIST 1302 US History from 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 I		1
UNIV 2101 Jaguar Tracks II		1
BUAD 3101 Jaguar Tracks III Business		1
BUAD 4101 Jaguar Tracks IV Business		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 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		1
BUAD Experiential Learning		1

- 120 CREDIT HOURS REQUIRED FOR DEGREE
- 36 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE
- 30 UPPER-DIVISION HOURS (WITH MINIMUM 15 HOURS IN MAJOR COURSES) AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Business Administration in Marketing
2018-2019 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 or MATH1324		3
(030) LIFE AND PHYSICAL SCIENCE		
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 US History to 1865		3
HIST 1302 US History from 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 I		1
UNIV 2101 Jaguar Tracks II		1
BUAD 3101 Jaguar Tracks III Business		1
BUAD 4101 Jaguar Tracks IV Business		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 (<i>to be completed in your last semester only</i>) **		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 (<i>must be classified as senior standing</i>) **		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 UPPER-DIVISION HOURS (WITH MINIMUM 15 HOURS IN MAJOR COURSES) AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Science in Computer Science
2018-2019 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		
BIOL 1306 or CHEM 1311 or GEOL 1301 or PHYS 1301 or PHYS 2325		3
BIOL 1307 or CHEM 1312 or GEOL 1302 or PHYS 1302 or PHYS 2326		3
(040) LANGUAGE, PHILOSOPHY, AND CULTURE		
Language/Philosophy /Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
HIST 1301 US History to 1865		3
HIST 1302 US History from 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 Introductory Statistics		3
MATH 1042 Introductory Statistics Recitation		0
Departmental Requirements	7 SCH	
	Grd	SCH
BIOL 1106 or CHEM 1111 or GEOL 1101 or PHYS 1101 or PHYS 2125		1
BIOL 1107 CHEM 1112 or GEOL 1102 or PHYS 1102 or PHYS 2126		1
MATH 2113 Calculus I Lab		1
MATH 2114 Calculus II Lab		1
MATH 3340 Linear Algebra		3
UNIVERSITY REQUIREMENTS	4 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks I		1
UNIV 2101 Jaguar Tracks II		1
CSCI 3101 Jaguar Tracks III Computer Science		1
CSCI 4101 Jaguar Tracks IV Computer Science		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	18 SCH	
	Grd	SCH
CSCI 1136 Programming Fundamentals I Lab		1
CSCI 1137 Programming Fundamentals II Lab		1
CSCI 1336 Programming Fundamentals I		3
CSCI 1337 Programming Fundamentals II		3
CSCI 2136 Programming Fundamentals III Lab		1
CSCI 2322 Discrete Structures for Computing		3
CSCI 2325 Computer Org and Machine Language		3
CSCI 2336 Programming Fundamentals III		3
Major Courses	34 SCH	
CSCI 3304 Database Systems		3
CSCI 3321 Cyber Security or CISA 4321 Information Security		3
CSCI 3343 Algorithms		3
CSCI 3344 Computer Architecture		3
CSCI 3362 Operating Systems		3
CSCI 3366 Programming Languages		3
CSCI 4106 Computer Networks Laboratory		1
CSCI 4306 Computer Networks		3
CSCI 4316 Software Engineering I		3
CSCI 4317 Software Engineering II		3
CSCI 4321 Computer Security		3
CSCI 4391 Senior Seminar		3
Major Electives	15 SCH	
Upper-Division CSCI Elective or Approved CISA Elective		3
Upper-Division CSCI Elective or Approved CISA Elective		3
Upper-Division CSCI Elective or Approved CISA Elective		3
Upper-Division CSCI Elective or Approved CISA Elective		3
Upper-Division CSCI Elective or Approved CISA Elective		3

- 120 CREDIT HOURS REQUIRED FOR DEGREE
- 30 CSCI UPPER- DIVISION HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT
- MUST COMPLETE AT LEAST 40 HOURS OF MAJOR COURSES AND MAJOR ELECTIVES AT A&M-SA.
- MUST RECEIVE A GRADE OF "C" OR BETTER IN ALL MATH, CSCI, AND CISA COURSES AND THEIR ASSOCIATED PREREQUISITES FOR A SATISFACTORY PASSING GRADE. APPLIES TO TRANSFER COURSES ALSO.
- ACADEMIC CREDITS TRANSFERRED AS SUBSTITUTION COURSES MUST BE COMPLETED WITHIN PREVIOUS FIVE YEARS OF ADMISSION TO A&M-SA
- APPROVED UPPER-DIVISION CISA COURSES THAT CAN BE USED AS ELECTIVES FOR MAJORS AND MINORS ARE: CISA 4309, CISA 4323, CISA 4324, CISA 4332.

COLLEGE OF EDUCATION & HUMAN DEVELOPMENT

Undergraduate Programs

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DEPARTMENT OF CURRICULUM AND INSTRUCTION

Dr. Lorrie Webb, *Department Chair*
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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 PROGRAM

Shelley Harris, Assistant Dean

Aurora Hernandez, *Administrative Associate*
Senator Frank L. Madla Building, Room 212
(210)784-2502

The Educator Preparation and Certification

The Educator Preparation Program (EPP) 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 (EC-6)
 - EC-6 Generalist
 - EC-6 Bilingual Generalist
 - EC-6 Generalist with EC-12 Special Education

- Grades 4 through 8 (4-8)
 - 4-8 Generalist (Most suited for those who plan to teach in upper elementary grades)
 - 4-8 Bilingual Generalist
 - 4-8 Content Area/Specialization (Most suited for those who plan to teach in middle schools or departmentalized upper elementary grades)

- Secondary Content areas Grades 7 through 12 (7-12)
 - 7-12 Math
 - 7-12 Biology
 - 7-12 English Language Arts and Reading
 - 7-12 History
 - 7-12 Social Studies Composite

- Early Childhood through 12 (EC-12) Physical Education
It is highly recommended by university faculty and school district personnel that students seeking PE certification also add a second teaching field.

- Early Childhood through 12 (EC-12) Special Education
Special Education is not a stand-alone certification, it must be attached to a base certificate selected from those listed above)

The educator preparation 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 clinical teaching. Field residency assignments are to be completed in pre-arranged collaborating area schools. Clinical teaching is to be completed during the last semester of study and involves working full days (7 hours) for 16 weeks. Clinical teaching start dates vary by school district; however, it will generally begin a week prior to the fall or spring semester, when University classes begin. Field residency and clinical teaching placements are not offered during the summer sessions.

The Texas Education Agency (TEA) does allow for an extended one-year clinical teaching experience that is sometimes paid; however, opportunities for these are extremely limited. Consult the EPP faculty for additional information.

All coursework for the degree and field residency I and II courses must be successfully completed before the clinical teaching assignment. In addition, all candidates must have successfully passed the TExES state content practice exam in their area of certification in order to be eligible for clinical teaching. All-level clinical teaching placements for Physical Education and Special Education candidates may be equally divided between elementary and middle school/ high school during the clinical teaching semester. Clinical teaching placements for Special Education EC-12

candidates may be split between a Special Education placement and their base certificate area. There are no clinical teaching exemptions.

Degree Plans Leading to Certification

Students pursuing teacher certification should schedule an appointment with an academic advisor to develop their degree/certification plan. Students who break enrollment for more than 12 months will be required to update to the current catalog. Students are encouraged to thoroughly explore degree plans and certification options before selecting a program and certificate to pursue as it is difficult to change to a different degree plan/program once certificate specific coursework has been completed. Students should not expect to change degree plans/programs as such changes will adversely impact the length of time required to graduate.

Changes and course substitutions to the degree plan must be approved by the Department Chair. Changes may also occur when the State Board for Education Certification or the Texas Education Agency mandates changes in the educator preparation program or certification areas.

Educator Certification in Texas

The Educator Preparation Program (EPP) is governed by Texas Administrative Code rules and monitored for quality by the Texas Education Agency (TEA) Division of Educator Standards. The EPP is responsible for implementing current rules and best practices in the preparation of highly effective teacher candidates. The State Board for Educator Certification (SBEC) oversees all aspects of the preparation, certification and standards of conduct of the educator preparation program and all Texas educators.

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 overall grade point average (GPA) of 2.75 on all college work attempted plus a minimum 2.75 GPA with no grade lower than a "C" in courses constituting the content area and/or 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 passing score on ALL Texas Examinations of Educator Standards (TExES) exams required for the certificate. To meet state requirements, all coursework including field residencies, clinical teaching and degree awarded, must be completed. Candidates are required to pass specific state practice exams according to their area of certification prior to being approved to take the actual TExES exams. Consult the EPP faculty for information regarding specific exam requirements. The Texas Education Agency requires that all educators pass a national criminal background check prior to being issued a Texas certificate; additional background checks may be required throughout an educator's career as required in Texas Education Code (TEC), Chapter 22, Subchapter C. Additional information may be obtained online:

https://tea.texas.gov/Texas_Educators/Certification/Fingerprinting/Requirements_for_Certification_Applicant.

Areas and Levels of Certification

The State Board for Educator Certification (SBEC) has approved content 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 Program (EPP) 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

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 College of Arts and Sciences. Certification areas include:

- **Generalist (Grades EC-6):** This is a base certificate. For students wishing to teach primary and elementary age students in the general education classroom.
- **Bilingual Education with a base certificate in Generalist (Grades EC-6):** Bilingual Education is NOT a base certificate. The base certificate is EC-6 Generalist; a Bilingual Delivery System is attached. 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:** This is a base certificate. For students wishing to teach middle level age students in the general education classroom. Students who plan to teach in the upper elementary grades or in a self-contained classroom may wish to select the 4-8 Generalist certification. Students who plan to teach in middle schools or departmentalized upper elementary grades should focus on a content specific 4-8 certificate (i.e., Math, Science, Social Studies, and English/Language Arts). Students also have the option of adding a content specialization to the 4-8 Generalist certificate.
- **Bilingual Education with a base certificate in Generalist (Grades 4-8) with or without Content Specialization Option:** Bilingual Education is NOT a base certificate. The base certificate is 4-8 Generalist; a Bilingual Delivery System is attached. For students wishing to teach middle level age students in the bilingual classroom. See additional information above regarding the Generalist (Grades 4-8).
- **Physical Education (Grades EC-12):** This is a base certificate. For students wishing to teach physical education students in PreK-12. It is highly recommended that students add a second teaching field; this recommendation is based on feedback from human resources staff in local school districts.
- **Grades 7-12 Certification Areas:** These are base certificates. For students wishing to teach specific content areas (Math, Biology, Social Studies, English Language Arts/Reading, or History) in a 7-12 setting.
- **Special Education (Grades EC-12) with a base certificate in Grades EC-6, 4-8 or 7-12 content area:** Special Education is NOT a base certificate. For students wishing to teach special education students in PreK-12 settings. Special Education is not a stand-alone certification, it must be attached to a base certificate selected from those listed above.

Standard Certificate for Grades 7-12

The College of Arts & Sciences has various majors offered that lead to teacher 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 clinical 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.

Non-Certification Degree Plans

Bachelor of Applied Arts and Sciences in Interdisciplinary Studies (BAAS)

Bachelor of Science in Interdisciplinary Studies in Elementary Studies

Bachelor of Science in Child Development and Bachelor of Science in Kinesiology (Exercise Science & Pre-Physical Therapy concentrations)

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 Science in Interdisciplinary Studies 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 for more information.

Second Teaching Fields/Base Certificates

For some classroom certificates it is either required or highly recommended that students identify a second teaching field. Special Education is not a stand-alone certification; it must be attached to a base certificate. Special Education can attach to any of the base certificates. For example: EC-6 Generalist with EC-12 Special Education, 7-12 English Language Arts with EC-12 Special Education.

Physical Education is a base certificate; however, students are highly encouraged to add a second teaching field. This makes the student a more desirable job candidate when seeking employment with a school district.

The courses that comprise a second teaching field are subject to change; students should consult with an academic advisor to confirm required coursework for a second teaching field in the following areas:

- Biology
- English Language Arts/Reading
- History
- Mathematics
- Social Studies Composite

Information Regarding History and Science Courses for Students Seeking EC-6 or 4-8 Certifications

The History and Science content on the Texas Examinations of Educator Standards (TExES) Exams is challenging for many students. Although students have many course options from which to select in order to meet degree requirements, many of the courses that students often select do not contain the appropriate content that will allow them to be successful on the History and Science portions of their TExES exams. Students are best prepared for these exams when they take the following courses: History: US History I, US History II, Texas History; and Science: Biology I, Biology II, Chemistry I, Chemistry II, Geology I, Geology II. Note: Sciences courses should have a lab component.

The Standard Professional Certificate

Professional certifications are generally those other than a classroom certificate (i.e., principal, superintendent, school counselor, etc.). Information regarding these certifications may be obtained in the graduate catalog. Like the Standard certificate, Professional certificates also require passing scores on TExES exams, graduate coursework and/or graduate degree and field based practicums.

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.

According to TAC §229.9, all students accepted into an educator preparation program (EPP) are required to pay a \$55 fee. This fee is collected by the EPP and then submitted to the State Board for Educator Certification (SBEC); it is not retained by the university. Students who do not pay this fee will not be admitted into the program. Students will receive written instructions regarding payment of this fee to the business office when they are accepted to the EPP.

The State Board for Educator Certification (SBEC) has established rules that specify the curriculum requirements for educator preparation programs and the assessment and evaluation of candidates for certification and program improvement. For additional information refer to Texas Administrative Code: **TAC §228.30: Educator Preparation Curriculum and TAC §228.40: Assessment and Evaluation of Candidates for Certification and Program Improvement**

In addition to university admission acceptance, students interested in the certification program must apply and be accepted into the Educator Preparation Program. It is expected that students will be monitored throughout their program with the expectation to successfully complete required transition points.

To be admitted to the Educator Preparation Program students must:

1. Complete all Core Curriculum classes.
2. Submit an Educator Preparation Program application during the enrollment period. Application periods occur twice per academic year in September and February. Contact the EPP staff in Madla 212 for additional information.
3. Have an overall grade point average of 2.75 or better, including all transfer courses. A 2.75 GPA must be maintained to remain in the certification program. Additionally, the student must have a 2.75 GPA in the teaching field content area with no grade lower than a “C” to participate in clinical teaching.
4. Complete the following Core Curriculum 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 copy of their Degree Works with GPA with all transfer courses listed. It is important that students transfer in all courses that are completed at other institutions as they are completed instead of waiting to transfer them all at the end of the program. If this is not done, courses will not appear on the Degree Works as “complete”; this may delay admission to the EPP and/or progress through field residency and clinical teaching.
6. The Texas Success Initiative (TSI) is a program designed to help ensure that all students enrolled in public colleges and universities possess the academic skills needed to be successful in college-level course work. The TSI will determine readiness for college-level course work in the general areas of reading, writing and mathematics. Students who do not meet the minimum standard in one or more areas will be advised regarding TSI compliance and given options on necessary interventions and courses that will meet your needs and help you become better prepared for college-level work.
7. All incoming college students in Texas who are not already exempt are required to take the TSI to determine readiness for college-level courses and success in those courses. Exemptions: Not all incoming students need to take the TSI Assessment. There are some exemptions. Qualifying for a TSI Assessment exemption means that you can enroll in some or all entry-level college courses without restrictions. In other words, there are no prerequisites for enrollment. You may be exempt if you: Have met the minimum college readiness standard on SAT, ACT, or a statewide high school test. For specific tests and scores, please speak with a success coach or the Testing Center; Have successfully completed college-level course work; Have enrolled in a Level-One certificate program (fewer than 43 semester credit hours); Have been, or currently are, in the military (please complete the [Request for Military Exemption Form](#)). If you think you may be exempt, please contact a Texas A&M-San Antonio Success Coach.
8. Demonstrate written proficiency in the English language through the submission of a writing sample; the writing sample is completed in conjunction with the application for admission to the EPP.
9. Submit signed disclosure and consent forms required for participation in field experiences and clinical 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. Each district has its

- own background check process. Consult the EPP staff in Madla 212 for information. 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. Participate in an interview to assess personal and professional attributes.
 11. Bilingual Education students must pass the BTLPT practice test before being admitted to the EPP or beginning field residency. Students must successfully complete the BTLPT preparation course prior to attempting the practice test. The preparation course is a Zero Credit course; there is no tuition associated with this course. Those who do not meet the minimum requirements will be counseled to take additional support courses and/or may be counseled into a different degree plan. Once a student has been counseled to a different degree plan, they may NOT change back to a bilingual degree plan.

Field Residency

Field residency is a required component of the educator preparation program. Through mentoring, model teaching, professional development, and internships, students will have an opportunity to exercise and refine the skills learned from their university course work. 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. Students must attend a mandatory orientation with EPP faculty prior to beginning both field residency experiences. Students may also be required to attend an orientation at the discretion of the host school district.

Field placements are selected at the sole discretion of the school district and the Educator Preparation Program (EPP) faculty. Students are allowed to specify two school districts of choice when applying for field residency. In most instances, it is possible to obtain a placement in the first or second choice of district. Students may NOT request placement on a specific campus or within a specific geographical area within a district. Students may not complete field residency on a campus where they have children, grandchildren, siblings or other close relatives. Note: Some districts are very large geographically—for example Northside ISD. Placements may be anywhere within the requested district; driving distances may be long.

Students should expect that they may be placed at any grade level and/or in any content area that is covered by the certification that they are seeking. For example, a student seeking a 4-8 Generalist certificate may be placed in 4th, 5th, 6th, 7th, or 8th grade. Additionally this student may be placed in an English class, a math class, a science class or a history class. Students may be placed in AP or Pre-AP classes for field residency; however, students may not be placed in dual credit classrooms.

There is a formally agreed upon process negotiated by each school district and TAMU-SA regarding how placements will be made. Students are expected to communicate all placement requests and questions to the Educator Preparation Program faculty. Students CANNOT contact campuses, districts, or principals directly regarding placements. Students who break the chain of command or who contact schools or districts directly may be placed on a growth plan and may be removed from the EPP at the discretion of the assistant dean.

When possible and based upon school district interest, pre-service teachers at A&M-San Antonio may have a choice of pathways in which to complete field residency requirements. Prior to the first semester of the field residency experience, students may be offered the opportunity to choose the “Ready from Day One-Cohort” or the “Ready from Day One-Flex” model pathway. Students who select “cohort” will remain in the same field placement for field residency I, field residency II and clinical teaching and be under the supervision of one university teaching specialist for all three semesters. Students who select “flex” have the flexibility to be exposed to a different mentor teacher and university teaching specialist each semester. “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. All students are required to attend mandatory seminar meetings each month with the EPP staff. Seminars may be held in the evenings and/or on Saturdays as determined by the Assistant Dean.

To be eligible to register for field residency, students must submit an Educator Preparation Program application during the enrollment period. Application periods occur twice per academic year in September and February. 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. Each district has its own background check process. Consult the EPP staff in Madla 212 for information. Placements are not made until students' background checks have been cleared and the EPP receives notification of the clearance from the district.

The State Board for Educator Certification (SBEC) has established rules that specify the requirements for educator preparation coursework, field work and related training. For additional information refer to Texas Administrative Code: **TAC §228.35: Preparation Program Coursework and/or Training**

Clinical Teaching

The clinical teaching semester is a full-time commitment. The clinical teaching semester has been designated as a minimum of **sixteen (16) weeks**. The school day must be at least 7 hours; however, clinical teachers should note that their day may be longer as they are expected to mirror the day of the cooperating teacher. This includes any required hours before or after school tutoring and working with students. Clinical teachers will follow the school district calendar. Students are expected to plan their academic programs so that all coursework has been completed prior to the clinical teaching semester; students will NOT be allowed to enroll in other courses during the clinical teaching semester. Students MUST earn a grade of "C" or better in clinical teaching; students who do not earn a "C" or better may repeat clinical teaching once. After a second unsuccessful clinical teaching attempt, students will be required to change to a non-certification degree plan. To register for clinical teaching, students must:

- Have been officially admitted to the Educator Preparation Program in the College of Education & Human Development.
- Have completed and submitted the clinical teaching application during the enrollment period. Application periods occur twice per academic year in September and February.
- Have passed the TExES practice exam in their content area prior to clinical teaching. It is recommended that students make every possible effort to complete all exams before or early during the clinical teaching semester.
- Have an overall grade point average of at least 2.75 (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 with no grade lower than a "C".
- Have completed all education courses (except EDFR 4613 Elementary Clinical Teaching, EDFR 4623 Secondary/All-level Clinical Teaching, or EDFR 4316 and EDFR 4326 for students completing the one-year clinical teaching option).
- Have completed the appropriate background check processes. Schools participating in the clinical teaching program will require criminal background checks on A&M-San Antonio students interacting on a daily basis with school-age students. Each district has its own background check process. Consult the EPP staff in Madla 212 for information. 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 into clinical teaching. Students will not be placed in a clinical teaching

Clinical teaching placements are selected at the sole discretion of the school district. Students are allowed to specify two school districts of choice when applying for clinical teaching. In most instances, it is possible to obtain a placement in the first or second choice of district. Students may NOT request placement on a specific campus or within a specific geographical area within a district. Students may not complete clinical teaching on a campus where they have children, grandchildren, siblings or other close relatives. Note: Some districts are very large geographically—for example Northside ISD. Placements may be anywhere within the requested district; driving distances may be long.

Students should expect that they may be placed at any grade level and/or in any content area that is covered by the certification that they are seeking. For example, a student seeking a 4-8 Generalist certificate may be placed in 4th, 5th, 6th, 7th, or 8th grade. Additionally this student may be placed in an English class, a math class, a science class or a history class. Students may be placed in AP or Pre-AP classes for field residency; however, students may not be placed in dual credit classrooms.

There is a formally agreed upon process negotiated by each school district and TAMU-SA regarding how placements will be made. Students are expected to communicate all placement requests and questions to the Educator Preparation Program faculty. Students CANNOT contact campuses, districts, or principals directly

regarding placements. Students who break the chain of command or who contact schools or districts directly may be placed on a growth plan and may be removed from the EPP at the discretion of the assistant dean. Students must attend a mandatory orientation with EPP faculty prior to beginning the clinical teaching placement. Students may also be required to attend an orientation at the discretion of the host school district.

Clinical Teaching Attendance

Clinical teachers are expected to be in attendance at their placement each day. Leaving the school campus during the school day is not permitted without prior approval. It is the responsibility of the clinical teacher to inform the cooperating teacher, university teaching specialist, the Field Faculty and the school office as early as possible in case of an illness or absence. All absences are to be made up by the clinical teacher and will extend the completion date beyond the scheduled 16 weeks. Excessive absences may result in removal from clinical teaching. Unexcused absences may result in removal from the placement and dismissal from the clinical teaching program. **STUDENTS MUST COMPLETE AN ABSENCE SHEET FOR ALL ABSENCES-EVEN PARTIAL DAYS. (EXCLUDING TESTING AND ON CAMPUS SEMINAR DAYS).** All students are required to attend mandatory seminar meetings each month with the EPP staff. Seminars may be held in the evenings and/or on Saturdays as determined by the Assistant Dean.

Certification Exams (Texas Examinations of Educator Standards – TExES)

As of September 1, 2015, candidates for teacher certification will be limited to five (5) total attempts on any certification exam. This is a Texas Education Agency requirement.

Beginning in August 2018, students will be granted permission to take an actual TExES exam once they have successfully completed the required practice exams with a minimum score of 80% on each section of the practice exam. TEA plans to raise the minimum passing standards over time; therefore, students should expect that the minimum score required on the practice exams will also be raised over time. The minimum score will soon raise to 85% followed by 90% thereafter.

The TExES exam will be available for first-time test takers from September through June of each year. The TExES exam will be available for students who need to re-take a failed test or section of a test at any time during the year. Please note that TEA rule requires a minimum of 45 days between each attempt on any TExES exam.

Students should take and pass the actual content and PPR TExES exams early in the semester during clinical teaching.

Test Preparation

Prior to entering the clinical teaching semester, students should have previously participated in test preparation activities intended to facilitate their preparation for the TExES content and PPR exams. Additionally, students will have at minimum passed the content practice exam with a grade of 80% or better prior to beginning clinical teaching. Please see the section immediately above for information related to anticipated increased passing standards. Students who have been unsuccessful on a first attempt at taking an actual content or PPR exam should expect to engage in significant remediation before the EPP approves a second attempt on the exam. Suggested preparation activities are included below. Additional remediation activities may be required by program faculty.

Teacher Certification Requirements

Students are required to participate in test preparation activities starting in Field Residency I. Prior to taking the In order to be recommended for initial certification, all teacher candidates are required to earn a passing score on the Texas Examinations of Educator Standards (TExES) content area and Pedagogy and Professional Responsibilities (PPR) exams, complete all coursework including field residency and clinical teaching and be awarded a Bachelor's degree to meet all certification requirements. For additional information on certification requirements, visit the teacher certification website: <http://www.tamusa.edu/collegeofeducationandhumandevelopment/epp/index.html>.

Upon Completion of the Educator Preparation Program, students will have successfully:

1. Completed all course work with a minimum 2.75 GPA with no grade lower than a "C" in education and content area courses
2. Participated in up to 12 hours of test preparation.
3. Successfully taken and passed a practice test and/or real test for each certification being sought.

4. Successfully completed Field Residency (FR1), Field Residency (FR2) and Clinical Teaching (CT).
5. Been awarded a Bachelor's degree



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.

Dispositions and Evaluation of Professional Standards

Periodically in each candidate's preparation, there will be checkpoints at which faculty, teaching specialists and cooperating teachers will assess professional dispositions. Candidates who are identified as having significant concerns will be required to correct the areas of concern and may be placed on a growth plan. All TAMU-SA students placed in schools are expected to adhere to the Code of Ethics and Standard Practices for Texas Educators.

Note: Students exhibiting a pattern of concerns will be referred to the Assistant Dean. Failure to remediate areas of concern may result in a recommendation for the student to be dropped from the Educator Preparation Program. Students dropped from the Educator Preparation Program will be required to shift to a non-certification degree program in order to graduate. Students who are required to change to a non-certification degree plan will not be allowed to change back to a certificate degree plan.

Protocol and Processes

Students are expected to comply with any policies established by the Educator Preparation Program that may be published in locations other than this catalog. EPP policies are established by the Assistant Dean of the College of Education and Human Development. The Assistant Dean is arbiter of all due processes associated with certification; all decisions made by the Assistant Dean are final and disputes end with the Assistant Dean's decisions.

Students will be assigned to work under the direction of a Teaching Specialist during both field residency semesters and during clinical teaching. Teaching Specialists are faculty whose sole responsibility is to work with students during field work. Students who have questions or concerns during field work should first seek assistance from their assigned Teaching Specialist. If the Teaching Specialist is not able to provide an answer or resolve an issue, the EPP Field Faculty is the next level of assistance. Most questions and concerns can be addressed by the Field Faculty; issues will only be referred to the Assistant Dean if there are extreme or extenuating circumstances.

College of Education and Human Development Minors and Degree Program Requirements

The minors offered by the College of Education and Human Development are Child Development, Health, Kinesiology, and Special Education. Consult with your academic advisor to determine the optimum number of lower-division and upper-division courses within the chosen minor.

Child Development: The following courses are required: EDEC 3331 (Infant and Toddler Development) and EDEC 4301 (Working with Diverse Families and Young Children). An additional 12 semester hours selected from 3000- and 4000-level EDEC courses.

Education: The minimum number shall be 18 semester hours (beyond EDCI 1301 or EDCI 3370), 12 of which must be advanced.

Health: The minor in Health will complement existing BS programs in kinesiology, psychology, sociology, and others. These courses will prepare students for careers in the public and community health sector. Students wishing to minor in health must complete 18 semester credit hours from the following:

- EDHL 3331: Consumer Health
- EDHL 3333: Growth, Development, and Sexuality
- EDHL 3335: Drug Education
- EDHL 3381: Community Health
- EDHL 3383: Women's Health
- EDHL 4337: Disease Entities and Epidemiology
- EDHL 4342: Program Planning for Health Promotion

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. Any substitutions must be approved by the Kinesiology Coordinator:

- 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

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

Special Education (Available only to non-Education majors). The following courses are required:

- EDSE 3345: Survey of Exceptional Individuals
- 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

**Bachelor of Science in Child Development
2018-2019 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 MATH 1334		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 from Approved List		3
Required Support Courses	4 SCH	
	Grd	SCH
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
EDCI 3101 Jaguar Tracks 3		1
EDCI 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
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE

30 UPPER-DIVISION HOURS AND 25% OF TOTAL
SEMESTER HOURS REQUIRED FOR THIS DEGREE
MUST BE COMPLETED AT A&M-SA TO SATISFY
RESIDENCY REQUIREMENT

MAJOR COURSES	39 SCH	
	Grd	SCH
'C' or higher required in EDXX courses		
EDEC 3331 Infant and Toddler Development		3
EDSE 3346 Dev of the Exceptional Individuals		3
EDEC 3307 Child & Adol Dev as it Imp Instr		3
EDEC 4314 Cognitive Development		3
EDEC 3332 Prof, Leadership and Ethics		3
EDEC 4301 Working with Diverse Families and Young Children		3
EDEC 4315 Social/Emotional Development		3
EDEC 4316 Assessment of Young Children		3
EDRG 3315 . Early Literacy Instruction		3
EDBL 3315 Second Lang. Acq.& Literacy for English Lang Learners		3
EDEC 3349 Academics, Creativity & Play		3
EDEC 4302 Action Research		3
EDEC 4303 Practicum in Growth & Development (Action Research is a co-requisite)		3
MINOR	18-24 SCH	
	Grd	SCH
ELECTIVES		
As needed to complete 120 credit hours	Grd	SCH

**Bachelor of Science in Interdisciplinary Studies
Bilingual Generalist (Grades EC-6)
2018-2019 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
EDCI 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
EDCI 3101 Jaguar Tracks 3		1
EDCI 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
HIST 2301 Texas History		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 Program and successful completion of required field residencies and student teaching.

Completion of 45 hours; EDCI 1301, ENGL 1301, ENGL 1302, MATH 1314, MATH 1350, MATH 1351, HIST 1301, HIST 1302, HIST 2301, SPCH 1315, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics.

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 Individuals		3
EDRG 3315 Early Lit Instruction		3
EDEC 3307 Child & Adol. Dev. as it Imp Instruc.		3
EDBL 4307 Acad Spanish for Dual Lang Imm Pr		3
EDCI 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
EDCI 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
EDCI 4309 Legal & Ethical Issues in Educ		3
EDRG 4331 Clsm Reading Assess/Remed		3
EDFR 3120 Field Residency II		1
EDFR 4613 Student Tchng: Field Residency III		6
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 6 years.

Additional Department Spanish Language Proficiency Test Requirement (See Bilingual Education Faculty)

Bilingual Majors have the option to obtain an ESL Certificate. See the College of Education and Human Development for test requirements.

**123-124 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE**

30 UPPER-DIVISION HOURS AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Science in Interdisciplinary Studies
Bilingual Generalist (Grades 4-8)
2018-2019 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
EDCI 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
EDCI 3101 Jaguar Tracks 3		1
EDCI 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
HIST 2301 Texas History		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 Program and successful completion of required field residencies and student teaching.

Completion of 45 hours; EDCI 1301, ENGL 1301, ENGL 1302, MATH 1314, MATH 1350, MATH 1351, HIST 1301, HIST 1302, HIST 2301, SPCH 1315, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics.

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 Except. Individuals		3
EDRG 3315 Early Lit. Instruction		3
EDCI 3303 Knowl of Pedagogy & Assessment		3
EDBL 4307 Acad Spanish for Dual Lang Imm Pr		3
EDCI 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
EDCI 3358 Classroom Mgmt MS/SEC (3
EDBL 4318 Tch Lang Arts, Soc St, Mus (Dual)(FB)		3
EDFR 3110 Field Residency I		1
EDCI 3357 English/Language Art MS/SEC		3
EDBL 4322 Tch Math, Science, Art (Dual)		3
EDBL 3327 Multicultural & Multilingual Educ		3
EDCI 4309 Legal & Ethical Issues in Educ		3
EDRG 4331 Reading Assess & Intervention		3
EDFR 3120 Field Residency II		1
EDFR 4613 Student Tchng: Field Residency III		6
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 6 years.

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
30 UPPER-DIVISION HOURS AND 25% OF TOTAL SEMESTER
HOURS REQUIRED FOR THIS DEGREE MUST BE
COMPLETED AT A&M-SA TO SATISFY RESIDENCY
REQUIREMENT

Bilingual Majors have the option to obtain an ESL Certificate. See the College of Education and Human Development for test requirements.

**Bachelor of Science in Interdisciplinary Studies
Education Studies (Non-Certification Plan)
2018-2019 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
EDCI 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
EDCI 3101 Jaguar Tracks 3		1
EDCI 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

30 UPPER-DIVISION HOURS AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

MAJOR COURSES	63 SCH	
'C' or higher required in EDXX courses		
	Grd	SCH
HIST 2301 Texas History		3
EDCI 3303 Knowledge of Ped & Assessment		3
EDEC 3307 Child & Adol Dev as it Impacts Instr		3
EDCI 3308 Methods in Ed. Media & Tech		3
EDBL 3321 Methods for Teach Eng to Non-Eng		3
EDBL 3315 Second Language Acquisition & Lit Dev. for ELL's		3
EDRG 3315 Early Lit Instruction		3
EDSE 3345 Survey of Exceptional Individuals		3
EDSE 3347 Beh Mgmt for Except Students		3
EDCI 3348 or EDCI 3358 Classroom Mgmt		3
EDKN 3340 Health & PE for EC-Elem Teacher		3
EDEC 3349 Acad, Creativity, Play		3
EDRG 3389 Teaching Reading in Int & Mid Sch		3
EDCI 3347 or EDCI 3357 Eng/ LA Methods		3
EDCI 3349 or EDCI 3359 Soc Studies Methods		3
EDRG 4325 Disciplinary & Content Area Lit		3
EDCI 4346 or EDCI 4356 Science Methods		3
EDCI 4347 or EDCI 4357 Math Methods		3
EDCI 4309 Legal & Ethical Issues		3
EDCI 4301 or EDCI 4311 Teaching & Pedagogy		3
EDRG 4331 Reading Assessment/ Intervention		3

NOTE

The BSIDS in Educational Studies degree plan aligns with the EC-6 Generalist and the 4-8 Generalist and provides individuals with the choice of a BSIDS degree in Education without teacher certification.

**Bachelor of Science in Interdisciplinary Studies
Generalist (Grades EC-6)
2018-2018 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
EDCI 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks I		1
UNIV 2101 Jaguar Tracks II		1
EDCI 3101 Jaguar Tracks III		1
EDCI 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 Program and successful completion of required field residencies and student teaching.

Completion of 45 hours; EDCI 1301, ENGL 1301, ENGL 1302, MATH 1314, MATH 1350, MATH 1351, HIST 1301, HIST 1302, HIST 2301, SPCH 1315, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics.

Major Courses	62 SCH	
Courses are listed in suggested order of completion		
'C' or higher required in EDXX courses	Grd	SCH
EDEC 3307 Child & Adol Dev as it Impacts Instr		3
EDRG 3315 Early Lit Instruction		3
EDKN 3340 Health & P.E. for EC-Elementary		3
EDSE 3345 Survey of Excep. Individuals		3
HIST 2301 Texas History		3
EDCI 3308 Methods in Education Media & Tech		3
EDCI 3349 Soc Studies Methods EC-Elem		3
EDCI 4346 Science Methods EC-Elem		3
EDRG 3389 Tchng Rdg in INT & MID SCHL		3
EDEC 3349 Acad. Creativity & Play		3
EDSE 3347 Behavior Mgmt for Except Stds		3
EDBL 3321 Mthds for Tch Eng to NonEng Sp		3
EDCI 4347 Math Methods EC-Elem		3
EDCI 3348 Classroom Manag. Elem.		3
EDFR 3110 Field Lab Residency I		1
EDCI 4301 Teaching & Pedagogy for EC/Elem		3
EDCI 3347 English/Lang. Arts-Elem.		3
EDRG 4331 Reading Assess/Intervention		3
EDCI 4309 Legal & Ethical Issues in Educ		3
EDFR 3120 Field Lab Residency II		1
EDFR 4613 Student Tchng: Field Residency III		6
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 6 years.

**120-121 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE**

30 UPPER-DIVISION HOURS AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Science in Interdisciplinary Studies
Generalist (Grades 4-8)
2018-2019 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
EDCI 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks I		1
UNIV 2101 Jaguar Tracks II		1
EDCI 3101 Jaguar Tracks III		1
EDCI 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 Program and successful completion of required field residencies and student teaching.

Completion of 45 hours; EDCI 1301, ENGL 1301, ENGL 1302, MATH 1314, MATH 1350, MATH 1351, HIST 1301, HIST 1302, HIST 2301, SPCH 1315, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics.

Major Courses	59 SCH	
Courses are listed in suggested order of completion		
'C' or higher required in EDXX courses	Grd	SCH
EDCI 3303 Knowl of Ped & Assessment		3
EDSE 3345 Survey of Excep. Individuals		3
EDCI 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
EDCI 3321 Meth Teach Eng. To Non Eng. Sp.		3
EDRG 3389 Reading in INT & MS SCH		3
EDRG 3355 Teaching Rdg. Sec. Lvl		3
EDCI 4357 Math Methods MS/SEC		3
EDCI 3358 Class Manag. MS/SEC		3
EDCI 4356 Science Methods MS/Sec		3
EDFR 3110 Field Lab Residency I		1
EDCI 3357 English/LangArts MS/SEC		3
EDCI 4311 Teaching & Pedagogy MS/SEC		3
EDCI 4309 Legal & Ethical Issues in Educ		3
EDRG 4331 Reading Assessment/Intervention		3
EDCI 3359 Soc. Stu. Methds MS/SEC (FB)		3
EDFR 3120 Field Lab Residency II		1
EDFR 4613 Student Tchng: Field Residency III		6
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 6 years.

120-121 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE

30 UPPER-DIVISION HOURS AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Science in Interdisciplinary Studies
Special Education (Grades EC-12) with Dual Certification in Generalist (Grades EC-6)
2018-2019 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
EDCI 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
EDCI 3101 Jaguar Tracks 3		1
EDCI 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 Program and successful completion of required field residencies and student teaching.

Completion of 45 hours; EDCI 1301, ENGL 1301, ENGL 1302, MATH 1314, MATH 1350, MATH 1351, HIST 1301, HIST 1302, HIST 2301, SPCH 1315, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics.

Major Courses	68 SCH	
	Grd	SCH
Courses are listed in suggested order of completion		
'C' or higher required in EDXX courses		
EDEC 3307 Child/Adol Dev as it Impacts Instr		3
EDRG 3315 Foundations of Early Literacy		3
EDKN 3340 Health & PE for EC-Elem		3
EDSE 3345 Survey of Exceptional Individuals		3
HIST 2301 Texas History		3
EDCI 3349 Social Studies Methods EC/Elem		3
EDCI 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
EDCI 3347 Eng/LA Mth EC/Elem		3
EDSE 3348 Ed Proc for Exceptional Ind		3
EDCI 3348 Classroom Mgt. for EC-ELEM		3
EDSE 4340 Collab & Transition		3
EDFR 3110 Field Residency I		1
EDCI 4309 Legal & Ethical Issues in Educ		3
EDCI 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 Tchng: Field Residency III		6
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 6 years.

123 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE

30 UPPER-DIVISION HOURS AND 25% OF TOTAL SEMESTER
HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT
A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Science in Interdisciplinary Studies
Special Education (Grades EC-12) with Dual Certification in Generalist (Grades 4-8)
2018-2019 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
EDCI 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
EDCI 3101 Jaguar Tracks 3		1
EDCI 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 Program and successful completion of required field residencies and student teaching.

Completion of 45 hours; EDCI 1301, ENGL 1301, ENGL 1302, MATH 1314, MATH 1350, MATH 1351, HIST 1301, HIST 1302, HIST 2301, SPCH 1315, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics.

Major Courses	65 SCH	
Courses are listed in suggested order of completion		
'C' or higher required in EDXX courses	Grd	SCH
EDEC 3307 Child/Adol Dev as it Impacts Inst		3
EDKN 3340 Health and P.E. for EC/Elem		3
EDRG 3315 Foundations of Early Literacy		3
EDSE 3345 Survey of Exceptional Individuals		3
HIST 2301 Texas History		3
EDRG 3389 Teach Reading 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
EDCI3357 Eng/LA Mth MS/Sec		3
EDCI 3358 Classroom Mgt. for MS/Sec		3
EDCI 3359 Social Studies Methods MS/Sec		3
EDSE 4346 Assessment of Except Students		3
EDFR 3110 Field Residency I		1
EDCI 4309 Legal & Ethical Issues in Educ		3
EDCI 4356 Science Mthds MS/Sec		3
EDCI 4357 Math Mthds MS/Sec		3
EDSE 4347 Federal & State Regulations		3
EDFR 3120 Field Residency II		1
EDFR 4613 Student Tchng: Field Residency III		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 6 years.

120 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE

30 UPPER-DIVISION HOURS AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Science in Interdisciplinary Studies
Special Education (Grades EC-12) with 7-12 Content
2018-2019 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
EDCI 1301 Intro to Teaching		3
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
EDCI 3101 Jaguar Tracks 3		1
EDCI 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; EDCI 1301, ENGL 1301, ENGL 1302, MATH 1314, HIST 1301, HIST 1302, SPCH 1315, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics.

Major Courses	71 SCH	
Courses are listed in suggested order of completion	Grd	SCH
'C' or higher required in EDXX courses		
EDCI 3303 Knowl of Ped & Assessment		3
EDSE 3345 Survey of Exceptional Individuals		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
EDCI XXXX Field Specific Methods		3
EDCI 3358 Clsrm Mgt for MS/SEC		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
EDCI 4309 Legal & Ethical Issues in Educ		3
EDCI 4311 Teaching & Pedag for MS/Sec		3
EDSE 4340 Collab & Trans Srvcs 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 Tchng: Field Residency III **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 6 years.

120 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE

30 UPPER-DIVISION HOURS AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Science in Kinesiology
Exercise Science/Pre-PT
2018-2019 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 2401 Anatomy & Physiology I		3
BIOL 2402 Anatomy & Physiology 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		
EDKN 1301 Foundations of Kinesiology		3
EDKN 1338 Fitness and Wellness		3
Required Support Courses		
		14 SCH
	Grd	SCH
Fitness Activity		
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
EDKN 3101 Jaguar Tracks III		1
EDKN 4101 Jaguar Tracks IV		1
BIOL 2401 Anatomy & Physiology I Lab		1
BIOL 2401 Anatomy & Physiology II Lab		1

Major Courses	46-48 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)		
EDKN 4324 Exer. & Chronic Disease/Disability		3
EDKN 4328 Internship I		3
EDKN 4417 Advanced Physiology of Exercise		4
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
General Chemistry I (science majors)		4
General Chemistry II (science majors)		4
Physics I		3
Physics II		3
Trigonometry		3
Computer Literacy		3
Technical Writing		3
Child Psychology, Abnormal Psychology or Lifespan Development		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.

**122 CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE**

30 UPPER-DIVISION HOURS AND 25% OF TOTAL SEMESTER HOURS REQUIRED FOR THIS DEGREE MUST BE COMPLETED AT A&M-SA TO SATISFY RESIDENCY REQUIREMENT

**Bachelor of Science in Kinesiology
Exercise Science
2018-2019 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 2401 Anatomy & Physiology I		3
BIOL 2402 Anatomy & Physiology 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		
EDKN 1338 Fitness and Wellness		3
EDKN 1301 Foundations of Kinesiology		3
Required Support Courses	16 SCH	
	Grd	SCH
Fitness Activity		1
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
EDKN 3101 Jaguar Tracks III		1
EDKN 4101 Jaguar Tracks IV		1
BIOL 2401 Anatomy & Phys. I		1
BIOL 2402 Anatomy & Phys. II		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.

122-CREDIT HOURS REQUIRED FOR DEGREE
45 ADVANCED CREDIT HOURS REQUIRED FOR DEGREE

30 UPPER-DIVISION HOURS AND 25% OF TOTAL SEMESTER
HOURS REQUIRED FOR THIS DEGREE MUST BE
COMPLETED AT A&M-SA TO SATISFY RESIDENCY
REQUIREMENT

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 Diseas/Disab		3
EDKN 4401 Exercise Testing & Prescription		4
EDHL 4344 Healthy Aging		3
EDKN 4334 Research Proj in Exerc Science		3
EDKN 4328 Internship I		3
EDKN 4417 Advanced Physiology of Exercise		4
ELECTIVE COURSES/SUPPORT FIELD		
Must include at least 6 advanced credit hours from (3000 to 4000 level courses)		15-20 SC H
	Grd	SC H
Elective		3-4
Elective		3-4
Elective		3-4
Elective		3-4
Elective		3-4

**Bachelor of Science in Kinesiology
Physical Education (Grades EC-12)
2018-2019 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 2401 Anatomy & Physiology I		3
BIOL 2402 Anatomy & Physiology 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		
EDKN 1338 Fitness and Wellness		3
EDKN 1301 Foundations of Kinesiology		3
Required Support Courses		
	19 SCH	
	Grd	SCH
Fitness Activity		
EDKN 1119 Beg Rhythmic Activities		1
EDKN 1308 Intramurals & Officiating		3
EDKN 1305 Coaching		3
EDKN 1306 First Aid		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
EDKN 3101 Jaguar Tracks III		1
EDKN 4101 Jaguar Tracks IV		1
BIOL 2401 Anatomy & Phys. I Lab		1
BIOL 2402 Anatomy & Phys. II Lab		1
<i>***Recommended that all courses above be completed before Field Residency I Semester.***</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.

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	
	Grd	SCH
Courses are listed in suggested order of completion		
'C' or higher required in EDXX courses		
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
EDCI 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
EDCI 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
EDCI 4309 Legal & Ethical Issues in Educ *		3
EDCI 4311 Curriculum and Learning-Adol. *		3
Support Field (ADV)**		3
EDFR 3120 Field Residency II *		1
EDFR 4613 Student Tchng: Field Residency III		6
Unpaid semester at A&M-SA		

****Support Field Course should be from a common field, such as Math, Science, English Language Arts, Social Studies, or Special Education**

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 6 years.

Completion of this degree plan requires admission to the Educator Preparation 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, and 2 Life & Physical Sciences all with a C or better; Cumulative GPA of 2.75; Qualifying scores in Reading, Writing and Mathematics.

127 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.

Non-Credit Admission (Auditing)

A student may attend classes for a course without receiving credit if he or she submits a Course Audit Form at the time of registration, and has the permission of both the instructor of the course and the dean of the college in which the course is offered. No formal admission to the University is required for course audits. The Course Audit Form is available from the Office of the University Registrar. The fee for auditing a course is the same as that required for registration for credit, however no credit will be awarded, no records will be kept, and the student may be restricted from lab work and tests. A student will not be given permission to audit a course until the first day of classes.

Students may not change from credit to audit status after the 12th class day during a long semester or after the 4th class day during the summer. Senior citizens (65 or over) may audit with all fees exempted except material or field trip fees on a space available basis only. If the student is under the age of 22, Texas A&M University-San Antonio will require the students to provide certified proof from a health practitioner that he or she has received a Bacterial Meningitis vaccination or booster within the last five years. Under no circumstance may audit be converted to credit. No refunds are given on audits.

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.

The Office of Graduate Studies and Sponsored Programs coordinates with college and departmental advisors who 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.edu/studentengagementsuccess/StudentRightsAndResponsibilities/>.

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

“Religious holy day” means a holy day observed by a religion whose places of worship are exempt from property taxation under Section 11.20, Tax Code. In accordance with Texas Education Code Section 51.911, 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 that student has notified the instructor of each class to be missed within two weeks of the start of the semester. 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

Any research that involves human subjects must be approved by the Institutional Review Board for the Protection of Human Subjects at A&M-San Antonio prior to any data collection. Specific forms, instructions, and additional information are provided online: <http://www.tamusa.edu/graduatestudiesandresearch/irb/irbforms.html>.

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 “Request to Enroll in a 3000 or 4000 Level Course for Graduate Credit”.

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.

CR/NC 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 and 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 their graduate advisor in the college of his/her major.

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.

Gender Changes

A student's official academic record reflects the gender the student-identified him- or herself as to the University when he or she applied for admission to the University. Students who subsequently wish to change the gender designation in their official academic record must provide the registrar with a certified copy of a court order showing their change of gender, or other legal identification, such as a revised driver's license reflecting their new gender. Once the registrar records a gender change in a student's official academic record, the official academic record will identify only the new gender information. To request that your academic record reflect a gender change, complete and submit the Request for Name/Gender Change Form along with supporting documentation, to the Registrar's 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 Office of Academic Affairs. 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.

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).

Comprehensive Exam deadlines, instructions and information are provided on the University website, Office of Graduate Studies and Sponsored Programs.

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 the required thesis or graduate research project course 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.

Master's Degree Plans

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).

Any research that involves human subjects must be approved by the Institutional Review Board for the Protection of Human Subjects at A&M-San Antonio prior to any data collection. Specific forms, instructions, and additional information are provided online: <http://www.tamusa.edu/graduatestudiesandresearch/irb/irbforms.html>.

The Master's Thesis

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 Office of Graduate Studies and Sponsored Programs. Five copies of the approved thesis must be filed with the graduate director at least three weeks before commencement, one copy of the approved thesis will be placed in the student's file in the major department, a second copy will be submitted to the Director of Graduate Studies, and the third copy will be cataloged in the University Library. 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 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 thesis committee chair. A thesis proposal approved by the thesis committee 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 committee 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 thesis committee 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*.

Graduate Research Projects

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 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.

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).

GRADUATE DEGREES AND MAJORS OFFERED

Degrees

Master of Arts

Master of Business Administration

Master of Professional Accounting

Master of Education

Master of Science

Majors

Clinical Mental Health Counseling; Counseling and Guidance:

School Counseling; Educational Administration; English;

Marriage, Couple 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 provides students with opportunities to hone their reading, writing, and analytical skills. We offer graduate seminars in American Literature, British literature, multi-ethnic literatures, composition and rhetoric, critical theory, gender studies, and visual studies. Our seminars are small and discussion-oriented, and students work closely with professors. Students also have opportunities to participate in professional conferences, student performances, and writing workshops.

The English M.A. faculty are dedicated teachers who have won multiple awards for their classroom instruction. They are also scholars who have authored and edited books, written articles, critical reviews, presented at national and international conferences, and won competitive research fellowships. Their work has been published in prestigious academic journals—such as *Aztlán: A Journal of Chicano Studies*, *College English*, *ESQ: A Journal of Nineteenth-Century American Literature and Culture*, *Journal of Modern Literature*, *Kairos*, and *Studies in English Literature*—and in critical anthologies. Because faculty are active in their fields, they are prepared to offer an assortment of innovative seminars (examples include Literature and Photography, The Cosmopolitan Novel, and Violence in the Teaching of Writing) and to introduce students to current developments in the fields of literary studies, critical theory, and composition and rhetoric.

Upon completion of the program, students will be prepared to continue their graduate studies in English or related disciplines, such as education and law. They will have acquired intellectual and professional skills that will be applicable in a variety of careers including, teaching, public relations, technical writing, editing, and nonprofit work. Our graduates have been admitted to selective M.F.A and Ph.D. programs at institutions such The New School in New York City, the University of Arkansas, the University of New Hampshire, Texas Tech, and University of Texas at San Antonio. Others have gone on to careers in writing, marketing, student services, and teaching at the secondary and post-secondary levels.

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 and Finance*
Dr. Amy Lewis, *Department Chair, Department of Management and Marketing*
Dr. Akhtar Lodgher, *Department of Computing and Cybersecurity*
Cynthia Kinney-Lee, *Office Manager*
Central Academic Building Suite 439
(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).

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.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.

A total of 6 credit hours (or two courses with grade of 'B' or better) will be allowed to transfer into any graduate program within the College of Business.

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. The MBA Admissions Committee recommends applicants to have a minimum undergraduate cumulative/overall (all courses completed while pursuing a bachelor's degree) GPA of 2.6 or higher and submit a satisfactory GMAT score with the application in order for the application to be processed for unconditional 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 only take the foundation courses. Students who are conditionally admitted will NOT be permitted to take any additional courses before being unconditionally admitted to program. Students who are conditionally admitted into the program may only re-take the foundation courses once (for a total of 2 attempts per course) as a conditionally admitted student. Students will be unconditionally admitted after successfully completing the foundation courses with a grade of 'B' or above in each of the foundation courses 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):**
 - ECON 5301: Foundations of Quantitative Methods and Economics
 - FINC 5302: Foundations of 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 30 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

Graduate Teacher Certification Program (GTCP)

Dr. W. Sean Kearney, *Interim Dean*
Ms. Melissa Beene, *Administrative Assistant*
Senator Frank L. Madla Building, Room 212
(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, Bilingual 4-8, and Special Education EC-12. 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 4-8 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 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 Program 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 Program, 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:

- EDFR 5330 Instructional Design
- EDFR 5331 Classroom Management
- EDFR 5332 Assessment Development
- EDFR 5333 Professional Roles and Responsibilities
- EDRG 53XX Reading Course (as determined by program and certification)
- EDSE 5321 Accommodating Diverse Populations
- EDBL 5377 Teaching English as a Second Language

GTCP students must also successfully complete one of two final practicum experiences:

- EDFR 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)784-2501 or (210)784-2502.

COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT

Graduate Programs

Dr. W. Sean Kearney, *Interim Dean*
Ms. Melissa Beene, *Administrative Assistant*
Senator Frank L. Madla Building, Room 212
(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, adequate course work in the field of interest and/or satisfactory score on the GRE Aptitude or MAT Test.

DEPARTMENT OF EDUCATOR AND LEADERSHIP PREPARATION

Dr. Debbie Vera, *Department Chair*
Ms. Ana Maria Hernandez, *Administrative Assistant*
Senator Frank L. Madla Building, Room 221
(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

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 OF SCIENCE – BILINGUAL EDUCATION

The Master 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 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 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 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 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
EDBL 5367	Language Acquisition and Development	3 credit hours
EDBL 5377	Teaching English as a Second Language	3 credit hours
EDBL 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.

- Early Childhood
- Counseling
- Educational Administration
- Special Education

MASTER OF EDUCATION – EARLY CHILDHOOD

The Early Childhood Program offers a Master 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 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 Early Childhood program. 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 develop an e-portfolio that documents content proficiency.

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	3 credit hours
EDEC 5312	Understanding and Valuing Young Children and Families	3 credit hours

	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
- Counseling
- Educational Administration
- Special Education
- Reading

MASTER 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.

If you are on an old degree plan that states “Masters of Science degree in Reading Specialization”, please note that this means that you are *specializing* in courses that are reading/literacy-based. It does **not** mean you are receiving a Reading Specialist certification, which is a certificate, is issued by the Texas Education Agency (TEA). In order to sit for the Reading Specialist certification exam, you must have a teaching certificate, two years of teaching experience at a public or private accredited school, earned a Master’s degree in an Education related-field with 18 hours dedicated to reading/literacy courses plus successful completion of a 160-hour supervised internship. Upon *passing* the Reading Specialist certification exam and submitting all required paperwork to TEA, TEA will add your Reading Specialist certification to your license.

Program Details

The Master 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 5315	Children's and Young Adult Literature	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 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 5340	Adult Literacy	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 OF EDUCATION - SPECIAL EDUCATION

The Master 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 of Education in Special Education requires a minimum 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 Behavioral Disorder focus. A “certificate only” plan is also available for professional educators who have a Master’s Degree in special education or a closely related field and wish to seek TEA certification as an Educational Diagnostician. The capstone experience for the Master of Education in Special Education is the completion of one of two options: **a Graduate Research Project in their EDSE 5301 course, or Thesis (which is an additional 6 hour requirement.** Additional coursework may be required depending on the option selected. All students, regardless of the capstone experience option chosen, will develop an e-portfolio that documents content proficiency. Candidates seeking certification as an Educational Diagnostician must request an application from the Educator Preparation Program during their first semester of graduate studies.

Prerequisites

Students who apply to the Masters of Education in Special Education program should have a broad base in one or more of the following areas:

- Special Education
- Education
- Child Growth and Development
- Curriculum and Instruction

Course Load

Normal course loads consist of 6-9 hours per semester with a minimum grade of “B” required for all courses. Only grades of “A” or “B” will be accepted toward this degree. Candidates for the Master of Education degree in Special Education must earn a minimum of 36 semester credit hours and maintain a minimum overall GPA of 3.0. Students must submit a comprehensive portfolio that follows the given template **during the semester of the completion of** coursework, as part of the requirements for graduation with the Master of Education degree in 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 (Fall/Spring only)	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.

- Early Childhood
- Counseling
- Educational Administration
- Literacy
- Bilingual/English as a Second Language

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)	3 credit hours

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

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 OF ARTS IN EDUCATIONAL ADMINISTRATION

The Mas 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 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.

Graduation Requirements

Candidates for the Master 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

Additional 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

Additional Policies and Standards

Successful completion of the Master 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).

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

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. Suzanne Mudge, *Department Chair*
Ms. Angela Rodriguez, *Administrative Assistant*
Patriots' Casa, Room 203
(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: School Counseling, a Master of Arts in Clinical Mental Health Counseling, a Master of Arts in Marriage, Couple, and Family Counseling, 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.

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 conditionally admitted student will be allowed to enroll in 3-6 semester hours as prescribed and approved by the Associate Chair. 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.

MASTER OF ARTS IN COUNSELING AND GUIDANCE.

It is the goal of the Counseling Program to serve the needs of the San Antonio community, local school districts, and our military community by developing highly skilled school counselors, clinical mental health counselors, and marriage, couple, and family counselors. The Department of Counseling, Health and Kinesiology offers a Master of Arts in Counseling and Guidance: School Counseling, a Master of Arts in Clinical Mental Health Counseling, and a Master of Arts in Marriage, Couple, & Family Counseling.

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

Program Admission Details

Students seeking admission to any counseling programs during the 2018-2019 academic year 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.

Effective Fall 2019, students seeking admission to any program of the Counseling Program's specialty areas must meet the following criteria:

1. For applicants with an undergraduate cumulative grade point average between 2.60 and 2.99 or an undergraduate grade point average of 3.00 or higher for the last 60 semester credits (or 90 quarter credits), a minimum score of 297 on the GRE composite (Q+V) is required. For students with an undergraduate cumulative grade point average between 3.00-4.00, a minimum score of 285 on the GRE composite (Q+V) is required. MAT scores will no longer be accepted for admission into the Counseling Program.
2. A three-page written Statement of Purpose is required.
3. An in-person group interview with Counseling Program faculty is required.
4. International students must have a minimum score of 79 on the TOEFL Internet-based test, 213 on the TOEFL computer-based, 550 on the TOEFL paper-based test, or 6 on the IELTS.

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 Associate Chair has the right to examine an applicant's undergraduate transcript and require additional prerequisite coursework if necessary. Applicants without an appropriate background may be required to complete additional preparatory coursework.

Degree Requirements

Normal course loads consist of 6-9 hours per semester. Candidates for the Master of Arts degree in Counseling and Guidance: School Counseling must earn a minimum of 51 semester credit hours and maintain a minimum overall GPA of 3.0. Candidates for the Master of Arts degree in Clinical Mental Health and candidates for the Master of Arts in Marriage, Couple, & Family Counseling must earn a minimum of 60 semester hours and maintain a minimum overall GPA of 3.0. All students must pass a comprehensive examination, **upon completion of core** coursework, as part of the requirements for graduation with the Master of Arts degree.

MASTER OF ARTS IN COUNSELING & GUIDANCE: SCHOOL COUNSELING

The Master of Arts degree (M.A.) in Counseling & Guidance: School Counseling requires fifty-one hours of counseling coursework. The School Counseling degree is designed for students wishing to work in the school setting. This degree 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 51-hour School Counseling degree satisfies academic requirements for School Counselor Certification in the State of Texas. To satisfy the 60-hour Licensed Professional Counselor (LPC) academic requirements in the State of Texas, students may add 9 hours of prescribed coursework to their 51-hour plan.

**MA in Counseling and Guidance: School Counseling:
51 required hours**

Course Number	Course Name	
EDCG 5316	School Counseling: Leadership and Advocacy	3 credit hours
EDCG 5333	Research in Counseling	3 credit hours
EDCG 5311	Theories of Counseling	3 credit hours
EDCG 5335	Human Development Across the Lifespan	3 credit hours
EDCG 5342	Counseling Diverse Populations and Military Cultures	3 credit hours
EDCG 5328	Group Counseling Techniques	3 credit hours
EDCG 5327	Abnormal Human Behavior	3 credit hours
EDCG 5313	Professional Orientation and Ethics	3 credit hours
EDCG 5325	Assessment	3 credit hours
EDCG 5317	Counseling Techniques	3 credit hours
EDCG 5353	Career Counseling	3 credit hours
EDCG 5352	Counseling Curriculum and Systemic Interventions	3 credit hours
EDCG 5332	Substance Abuse and Process Addiction Disorders	3 credit hours
EDCG 5350	School Counseling Practicum (100 hours)	3 credit hours
EDCG 5362	School Counseling Internship (200 hours)	3 credit hours
EDCG 5362	School Counseling Internship (200 hours)	3 credit hours
EDCG 5362	School Counseling Internship (200 hours)	3 credit hours

NOTE: Beginning Fall 2017, students will need a total of 60 hours of counseling coursework to satisfy LPC academic requirements. In addition to the required 51 hours listed above, the following courses will need to be included to meet LPC academic requirements:

EDCG 5336	Abnormal Conditions and Interventions	3 credit hours
EDCG 5339	Legal Issues in Counseling	3 credit hours
EDCG 5314	Theoretical Foundations of Individual, Couple, and Family Counseling	3 credit hours

MASTER OF ARTS – CLINICAL MENTAL HEALTH COUNSELING

The Master of Arts degree (M. A.) in Clinical Mental Health Counseling requires 60 hours of counseling coursework. This degree is designed to satisfy the 60-hour Licensed Professional Counselor (LPC) academic requirements in the State of Texas.

**MA in CLINICAL MENTAL HEALTH COUNSELING:
60 required hours**

Course Number	Course Name	
EDCG 5311	Theories of Counseling	3 credit hours
EDCG 5335	Human Development Across the Lifespan	3 credit hours
EDCG 5333	Research in Counseling	3 credit hours
EDCG 5313	Professional Orientation and Ethics	3 credit hours
EDCG 5342	Counseling Diverse Populations and Military Cultures	3 credit hours
EDCG 5314	Theoretical Foundations of Individual, Couples, and Family Counseling	3 credit hours
EDCG 5328	Group Counseling Techniques	3 credit hours
EDCG 5327	Abnormal Human Behavior	3 credit hours
EDCG 5336	Abnormal Conditions and Interventions	3 credit hours
EDCG 5339	Legal Issues in Counseling	3 credit hours
EDCG 5325	Assessment	3 credit hours
EDCG 5332	Substance Abuse and Process Addiction Disorders	3 credit hours
EDCG 5317	Counseling Techniques	3 credit hours

EDCG 5353	Career Counseling	3 credit hours
EDCG 53XX	Elective	3 credit hours
EDCG 53XX	Elective	3 credit hours
EDCG 5360	Clinical Mental Health Practicum (100 hours)	3 credit hours
EDCG 5385	Clinical Mental Health Internship (200 hours)	3 credit hours
EDCG 5385	Clinical Mental Health Internship (200 hours)	3 credit hours
EDCG 5385	Clinical Mental Health Internship (200 hours)	3 credit hours

MASTER OF ARTS – MARRIAGE, COUPLE, AND FAMILY COUNSELING

The Master of Arts degree (M.A.) in Marriage, Couple, and Family Counseling requires 60 hours of counseling coursework. This degree is designed to satisfy the 60-hour Licensed Professional Counselor (LPC) academic requirements in the State of Texas.

MA in Marriage, Couple, and Family Counseling: 60 hours of required courses

Course Number	Course Name	
EDCG 5311	Theories of Counseling	3 credit hours
EDCG 5314	Theoretical Foundations of Individual, Couple, and Family Counseling	3 credit hours
EDCG 5335	Development across the Lifespan	3 credit hours
EDCG 5333	Research in Counseling	3 credit hours
EDCG 5342	Counseling Diverse Populations and Military Cultures	3 credit hours
EDCG 5325	Assessment	3 credit hours
EDCG 5327	Abnormal Human Behavior	3 credit hours
EDCG 5313	Professional Orientation and Ethics	3 credit hours
EDCG 5332	Substance Abuse Counseling and Process Addiction Disorders	3 credit hours
EDCG 5328	Group Counseling Techniques	3 credit hours
EDCG 5308	Clinical Treatment: Couples, Families and Military Populations	3 credit hours
EDCG 5309	Counseling Individuals, Couples and Families in the Military Community	3 credit hours
EDCG 5317	Counseling Techniques	3 credit hours
EDCG 5353	Career Counseling	3 credit hours
EDCG 5339	Legal Issues in Counseling	3 credit hours
EDCG 5336	Abnormal Conditions and Interventions	3 credit hours
EDCG 5365	Marriage, Couple, and Family Practicum (100 hours)	3 credit hours
EDCG 5359	Marriage, Couple, and Family Internship (200 hours)	3 credit hours
EDCG 5359	Marriage, Couple, and Family Internship (200 hours)	3 credit hours
EDCG 5359	Marriage, Couple, and Family Internship (200 hours)	3 credit hours

Program Policies and Standards

The following policies 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: School Counseling, Master of Arts degree in Clinical Mental Health Counseling, or a Master of Arts degree in Marriage, Couple, and Family Counseling 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

Conditionally admitted students will be limited to 6 hours during their semester of conditional admission. Only grades of "A" or "B" will be accepted toward this degree. Candidates for the Master of Arts degree in Counseling and Guidance: School Counseling must earn a minimum of 51 semester credit hours and maintain a minimum overall GPA of 3.0. Candidates for the Master of Arts degree in Clinical Mental Health Counseling or the Master of Arts in Marriage, Couple, and Family Counseling must earn a minimum of 60 semester credit hours and maintain a minimum overall GPA of 3.0.

School Counselor Certification

Eligibility for the standard Texas school counselor certificate requires that a candidate:

1. Meet TEA program admission requirements;
2. Successfully complete a school counselor preparation program;
3. Pass the school counselor certification exam (TExES-152 School Counselor Exam);
4. Hold a master's degree from an accredited institution of higher education; and
5. 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. Pursuant to the Texas Education Code (TEC), §22.083, candidates must undergo a criminal history background check prior to employment as an educator

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 and Internship Eligibility

In order for a student to participate in a Counseling Practicum and Internship 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/Internship, the student will meet with the Graduate Advisor to discuss practicum/internship application deadlines, approved practicum/internship sites, and required paperwork for admission to Practicum/Internship. Adhering to published deadlines, students will complete and submit all required paperwork to the Graduate Advisor for practicum/internship registration approval. Students must complete core courses, be in “good standing” and have no outstanding Incompletes to be approved for admission to practicum/internship. Students must maintain the highest standards of professional behavior in order to continue enrollment in Practicum/Internship.

MASTER 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 Frank, Assistant Professional Track, Criminology; B.B.A., St. Mary's University; M.S., University of Phoenix
- Alsmadi, Izzat Mahmoud, Assistant Professor, Computer Science; B.S., Mut'ah University, Jordan; M.S., North Dakota State University ; M.S., University of Phoenix; Ph.D., North Dakota State University
- Alvarado, Alberto, Lecturer, Mathematics; B.S., The University of Texas at Austin; M.A., The University of Texas at Austin
- Andrews, Casey Tyler, Lecturer, Chemistry; B.S., Grand Valley State University; Ph.D., University of Iowa
- Ayres, Jackson F., 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
- Barragan, Philis Maria, Assistant Professor, 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 Castro, Assistant Professional Track, Accounting; 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
- Barron, Christen, Lecturer, English; B.F.A., Savannah College of Art & Design; M.F.A., Savannah College of Art & Design
- Barton, Kevin Andrew, Associate Professional Track, Computer Information Systems; B.S., Nova Southeastern University; M.S., Our Lady of the Lake University; Ph.D., Nova Southeastern University
- Baruca, Arne, Assistant Professor, Marketing; B.S., University of Ljubljana; Ph.D., The University of Texas Pan American
- Batch, Nancy Joyce, Lecturer, Accounting; B.S., Virginia Tech; M.S., The University of Texas at Dallas; M.B.A., The University of Texas at Dallas
- Beaumont, Thomas Edward, Assistant Professor, Government; B.S., Troy University; Ph.D., University of Alabama
- Biediger-Collins, Alana R., Lecturer, Counseling and Guidance; B.S., Southwest Texas State University; M.A., The University of Texas at San Antonio; Ph.D., Texas A&M University
- Black, Stephanie Lee, Assistant Professor, Management; B.A., Southern Methodist University; M.B.A., Thunderbird School Of Global Management; Ph.D., The University of Texas at San Antonio
- Bliss, Ann Victoria, 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
- Brezinski, Heather Renee, Lecturer, Education; B.A., University of Northern Iowa; M.Ed., Arizona State University
- Bridgman, Katherine Tansey, Assistant Professor, English; B.A., University of North Carolina-Asheville; M.A., Florida State University; Ph.D., Florida State University
- Brocato, Billy Ray, Lecturer, Sociology; B.S., Eastern New Mexico University; M.A., Sam Houston State University; A.B.D., Texas A&M University
- Bulut, Memet Turker, Lecturer, Mathematics; B.S., Selcuk University; M.S., Texas Tech University
- Bulut, Ummugul, Assistant Professor, Mathematics; B.S., Faith University; M.S., Texas Tech University; Ph.D., Texas Tech University
- Burdwell, Robert Antonio, 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
- Burgard, Karen Louise, Assistant Professor, Education; B.S., University of Missouri; M.A., University of Missouri; M.S., Rockhurst University; Ph.D., University of Missouri
- Bush, William S., Associate Professor, History; Department Chair of Humanities; B.A., University of New Orleans; M.A., University of Nevada-Las Vegas; Ph.D., The University of Texas at Austin
- Calafiore, Pablo Javier, 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
- Calvo, Patricia Ramona, Lecturer, Chemistry; B.S., Lindenwood University; Ph.D., University of Florida

Carter, Douglas Harold, Assistant Professional Track, Management; B.A., Ohio State University; M.B.A., National University

Cocca, Armando, Assistant Professor, Kinesiology; B.S., University of Florence; M.S., University of Granada; Ph.D., University of Granada

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, Ernest, Assistant Professor, Counseling and Guidance; B.A., Queens University of Charlotte; M.S., Our Lady of the Lake University; A.B.D., The University of Texas at San Antonio

Creel, Nicholas Barry, Lecturer, Government; B.B.A., Baylor University; J.D., University of Dayton; M.A., St. Mary's University; M.A., Texas Tech University; LL.M., St. Mary's University; Ph.D., Texas Tech University

Crook, Matthew, Assistant Professor, Biology; B.S., University of Birmingham; Ph.D., University of Bristol

Daniel, Alan M., Assistant Professor, Psychology; B.S., Texas Christian University; M.S., Texas Christian University; Ph.D., Texas Christian University

Davis, Mariya, Assistant Professor, Special Education; Ph.D., Texas Woman's University; M.Ed., Ternopil State Pedagogical Institute, Ukraine; M.Ed., Texas Woman's University

de Vries, Sabina Remmers, Assistant Professor, Counseling and Guidance; B.A., The University of Texas at San Antonio; M.A., The University of Texas at San Antonio; Ph.D., The University of Texas at San Antonio

DeGrassi, Sandra Wolverton, Assistant Professor, Management; B.B.A., The University of Texas at Austin; Ph.D., Texas A&M University

Delgado, Daniel Justino, Assistant Professor, Sociology; B.A., Baylor University; M.A., University of Mississippi-Columbia; Ph.D., Texas A&M University

Duong, Hoan, Lecturer, Mathematics; B.A., Concordia University; M.S., Concordia University; Ph.D., University of Ottawa

Dwyer, Sarah M., Lecturer, English; B.A., University of Iowa; M.A., University of Rochester

Elam, Dennis Lee, Associate Professor, Accounting; B.B.A., The University of Texas at Austin; M.B.A., The University of Texas at Austin; Ph.D., The University of Texas at Austin

Elias, Vicky Lee, Associate Professor, Sociology; B.A., Oklahoma State University; M.S., Oklahoma State University; Ph.D., Oklahoma State University

Engelke, Drew, Lecturer, Geography; B.S., Texas State University; M.A., Texas State University

Fekrazad, Amir, Assistant Professor, Economics; B.Sc., K.N Toosi University of Technology, Iran; M.S., The University of Texas at Austin; M.Sc., Sharif University of Technology, Iran; Ph.D., The University of Texas at Austin

Finley, James Shaw Stillman, Assistant Professor, English; B.A., Grinnell College; M.A., University of New Hampshire; Ph.D., University of New Hampshire

Ford, Weixing Ma, Assistant Professor, Marketing; B.E., South China University of Technology; M.S., Shanghai University; M.S., Washington University in St. Louis; Ph.D., University of Houston

Frantzen, Durant Henry, Associate Professor, Criminology; Department Chair of Social Sciences; B.S., Texas State University; M.S., Texas State University; Ph.D., Sam Houston State University

Gage, Scott B., Assistant Professor, English; B.A., Louisiana State University; M.F.A., Louisiana State University; Ph.D., Florida State University

Galan, Francis X., Assistant Professor, History; B.A., The University of Texas at San Antonio; M.A., The University of Texas at Austin; M.A., The University of Texas at San Antonio; Ph.D., Southern Methodist University

Garfield, Theresa Ann, Associate 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

Geneser, Vivien, Associate Professor, Early Childhood; B.A., The University of Texas at Austin; M.A., The University of Texas at Austin; Ph.D., The University of Texas at Austin

Gillen, Katherine A., Assistant Professor, English; B.A., University of Vermont; M.A., University of New Hampshire; Ph.D., University of New Hampshire

Glaser, Daniel A., Professor, Management; B.M., East Texas State University; M.B.A., University of North Texas; Ph.D., University of North Texas

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Loalada, Stephanie Marie, Lecturer, Psychology; B.A., The University of Texas at San Antonio; B.A., The University of Texas at San Antonio; M.S., The University of Texas at San Antonio

Lodgher, Akhtar Husain, Professor, Computer Information Systems; Professor, Computer Science; Department Chair of Computing and Cybersecurity; B.E., Anna University; M.S., South Dakota School of Mines & Tech; Ph.D., George Mason University

Lopez, Eric J., Professor, School Psychology; B.A., Texas A&M University; Ed.S., University of Iowa; Ph.D., University of Iowa

Love, Leonard Garrett, Associate Professor, Management; B.A., Wright State University; M.B.A., Wright State University; Ph.D., The University of Texas at Arlington

Lutnesky, Marvin Michael, Professor, Biology; Department Chair of Science and Mathematics; B.S., San Diego State University; M.S., San Diego State University; Ph.D., University of Hawai'i at Manoa

Mangum, Matthew, Assistant Professional Track, Law; B.A., St. Mary's; M.A., Texas Tech; M.L., University of Houston; J.D., Texas Tech

Mares, Chris Anthony, Assistant Professor, Biology; B.S., University of Incarnate Word; Ph.D., University of Incarnate Word

Massey, Pamela Ann, Lecturer, Bilingual Education; B.A., The University of Texas at San Antonio; M.A., The University of Texas at San Antonio; M.Ed., Our Lady of the Lake University

Matson, Cynthia, Professor, University Student Success; President; B.B.A., University of Alaska-Fairbanks; M.B.A., University of Alaska-Anchorage; Ed.D., California State University-Fresno

Mendiola, Carla Lynn, Lecturer, History; B.A., Rice University; M.A., Southern Methodist University; M.A., The University of Texas at Austin; Ph.D., Southern Methodist University

Meyer, Curt, Lecturer, English; B.A.; University of North Texas; M.A.; University of North Texas

Miller, Irvin Glenn, Assistant Professional Track, Fire and Emergency Serv Admin; B.A., University of Nevada-Reno; B.S., Cogswell Polytechnic College

Moore, Jenny Hannah, Associate Professional Track, Communications; B.A., The University of Texas at Austin; M.S., University of Oregon

Mudge, Suzanne Debney, Professor, Counseling and Guidance; Department Chair of Counseling, Health, & Kinesiology; B.S., Lamar University; M.Ed., Lamar University; Ph.D., St. Mary's University

Najjaj, April Louise, Assistant Professor, History; B.A., University of Arkansas; M.A., University of Arkansas; Ph.D., Boston University

Nolasco, Claire Angelique R.I., Associate Professor, Criminology; B.A., University of the Philippines; J.D., University of the Philippines; Master of Laws, Kyushu University; Ph.D., Sam Houston State University

O'Brien, Mike, Professor, Anthropology; Provost and Vice President for Academic Affairs; B.A., Rice University; Ph.D., The University of Texas at Austin

Oh, Hyunjung, Lecturer, Economics; B.S., Sogang University, Seoul, Korea; M.S., Rutgers University; M.A., University at Buffalo, SUNY

O'Quinn, Margaret Caroline, Assistant Professor, Education; B.S., Minnesota State University; M.S., Minnesota State University; Ph.D., University of Minnesota

Page, Robert B., Assistant Professor, Biology; B.S., Piedmont College; M.S., University of Louisiana-Lafayette; Ph.D., University of Kentucky

Palmer, Marcus Sylvan, Assistant Professor, Spanish; B.A., Weber State University; M.A., University of Nevada-Reno; Ph.D., University of Iowa

Pazdera, Donna Marie, Lecturer, Communications; Lecturer, Journalism; B.F.A., University of Cincinnati; M.A., University of Florida

Peters, Scott William, Associate Professor, Counseling and Guidance; B.A., Northeastern Illinois University; M.Ed., The University of Texas at San Antonio; Ph.D., The University of Texas at San Antonio

Phillips, Marianne C., Associate Professor, Education; B.S., The University of Texas at Austin; M.S., University of Houston-Clear Lake; Ed.D., University of Houston

Piper, Rebekah E., Assistant Professor, Reading (Education); B.S., University of Nevada Las Vegas; M.Ed., University of Nevada Las Vegas; Ph.D., University of Nevada Las Vegas

Pittman, Ramona Trinette, Associate Professor, Reading (Education); B.S., The University of Southern Mississippi; M.Ed., William Carey University; Ph.D., Texas A&M University

Pope, Megan Grace, Lecturer, Speech; B.A., Texas State University; M.A., Texas State University

Porter, Amy Meschke, Associate Professor, History; B.A., Austin College; M.A., Southern Methodist University; Ph.D., Southern Methodist University

Proctor, Michael S., Lecturer, Criminology; B.S., Weber State University; M.A., Sam Houston State University

Rahman, Md Sajjadur, Associate Professor, Economics; B.S., Jahangirnagar University, Bangladesh; M.A., McMaster University, Canada; Ph.D., University of Calgary, Canada

Reyes-Barrientez, Alicia Martinez, Assistant Professor, Government; B.A., Baylor University; M.A., Baylor University; M.A., Duke University; Ph.D., Duke University

Rock, Samuel, Visiting Assistant Professor, Psychology; B.A., Washington and Jefferson College; M.S., Pennsylvania State University; Ph.D., Pennsylvania State University

Rodriguez Sabogal, Alexandra, Lecturer, Spanish; B.A., Universidad Nacional de Columbia; M.A., City University of New York; Ph.D., Vanderbilt University

Roh, Myunghoon, Assistant Professor, Criminology; B.A., Han-Kuk University of Foreign Studies; M.P.A., Brown University; Ph.D., Northeastern University

Romo, John Gilbert, Associate Professional Track, Mathematics; B.S., Trinity University; M.S., Oklahoma State University; Ph.D., Oklahoma State University

Ross, Corinna Nicole, Assistant Professor, Biology; B.S., Cornell University; M.A., University of Nebraska-Omaha; Ph.D., University of Nebraska-Lincoln

Rowe, Brenda Inman, Assistant Professor, Criminology; B.A., University of North Texas; J.D., The University of Texas at Austin; Ph.D., Sam Houston State University

Rushing, Brenda G., Assistant Professor, Biology; B.S., Texas A&M University; Ph.D., Stanford University

Sanders, Andrew Douglas, Assistant Professor, Political Science; B.Sc., Napier University; M.A., Queen's University; Ph.D., Queen's University

Santos, Adrianna M., Assistant Professor, English; B.A., The University of Texas at Austin; M.A., University of California-Santa Barbara; Ph.D., University of California-Santa Barbara

Saywell, Martha, Lecturer, Music; B.A., Murray State University; M.M., University of Wisconsin; D.M.A., University of Wisconsin

Scott, Gary Frank, Lecturer, Biology; B.A., The University of Texas at Austin; M.S., University of North Texas Health Science Center; Ph.D., Medical University of the Americas

Scott, Lawrence Lowell, Assistant Professor, Educational Administration; B.A., St. Mary's University; M.A., The University of Texas at San Antonio; Ph.D., University of the Incarnate Word

Shelton, G. Robert, Assistant Professor, Chemistry; B.S., Southern Illinois University, Edwardsville; M.S., Southern Illinois University, Edwardsville; Ph.D., University of Florida

Short, Lydia G., Assistant Professor, Special Education; B.A., Northern Illinois University; M.S., Northern Illinois University; Ed.D., Northern Illinois University

Siegal, Lisa Dawn, Lecturer, Marketing; B.A., University of Pennsylvania; M.B.A., New York University

Simpson, Joseph Michael, Assistant Professor, Sociology; B.S., Cameron University; M.S., Oklahoma State University; 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

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

Snow, Brent M., Professor, Counseling and Psychology; B.S. Brigham Young University; M.S. Oklahoma State University; Ph.D., University of Idaho

Staples, Heather Lynn, Visiting Assistant Professor, Management; Educational Specialist, University of Central Missouri; M.B.A., St. Mary's University; Ph.D., University of the Incarnate Word

Stubblefield, Marolyn W., Lecturer, Business Communications; B.A., The University of Texas at Austin; M.A., The University of Texas at Austin; M.B.A., Our Lady of the Lake University

Subramaniasiva, Bharathi, Lecturer, Physics; M.S., Bharathiar University; Ph.D., Bharathiar University

Sweet, Kenneth M., Assistant Professor, Management; B.B.A., Texas State University; M.B.A., Texas State University; Ph.D., University of Houston

Tatum, Charles H., Assistant Professional Track, Counseling and Guidance; B.S., United States Military Academy-West Point; M.S., Trinity University; Ph.D., St. Mary's University

Tejeda, Armando Roel, Lecturer, Special Education; B.A., The University of Texas at San Antonio; M.Ed., The University of Texas at San Antonio

Thomas, Ernest Edwin, 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

Townsend, Gerald William, Assistant Professional Track, Communications; B.A., San Jose State University; M.A., University of Missouri

Valderas, Erlinda, Lecturer, Education Field Residency; B.A., The University of Texas at San Antonio; M.A., The University of Texas at San Antonio; Ph.D., The University of Texas at San Antonio

Valdez-Barillas, Jose Rodolfo, Associate 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; Department Chair of Educator and Leadership Preparation; B.S., Oklahoma State University; M.S., Texas A&M University-Corpus Christi; Ph.D., Texas A&M University

Vice, Tasha, Assistant Professor, Reading (Education); B.US., Eastern New Mexico University; M.Ed., Eastern New Mexico University; Ed.D., Texas Tech 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 Elizabeth, Professor, Management; B.B.A., Texas State University; M.B.A., Texas State University; Ph.D., The University of Texas at Arlington

Watts, Gavin, Lecturer, Special Education; B.S., Illinois State University; M.Ed., University of Illinois; A.B.D., University of Texas

Weatherford, Dawn R., Assistant Professor, Psychology; B.S., Oklahoma State University; M.S., Texas A&M University-Commerce; Ph.D., Texas A&M University-Commerce

Weaver, Sara P., Lecturer, Biology; B.S., Texas State University; M.S., Texas State University

Webb, Lorrie, Professor, Education; Department Chair of 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 Burton, 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 (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

Wise de Valdez, Megan Rebecca, 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

Yang, Jeong-Sug, Assistant Professor, Computer Science; B.S., Hallym University, South Korea; M.S., Auburn University; A.B.D., Auburn University

Zang, Wanyu, Assistant Professor, Computer Information Systems; B.E., Northeastern University, China; M.Eng., Northeastern University, China; Ph.D., Nanjing University, China

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
BCOM	Business Communications	GEOG	Geography
BIOL	Biology	GEOL	Geology
BLAW	Business Law	GOVT	Government
BUAD	Business Administration	HCSA	Healthcare Administration
CHEM	Chemistry	HIST	History
CISA	Computer Information Systems	MATH	Mathematics
COMJ	Communication-Journalism	MGMT	Management
COMM	Communication	MKTG	Marketing
CRIM	Criminology and Criminal Justice	MSCI	Military Science
CSCI	Computer Science	MSPF	Military Science-Physical Fitness
ECON	Economics	MUSI	Music
EDAD	Educational Administration	PHIL	Philosophy
EDBL	Bilingual Education	PHYS	Physics
EDCG	Counseling and Guidance	POLS	Political Science
EDCI	Curriculum and Instruction	PSYC	Psychology
EDEC	Early Childhood	RTVF	Radio, Television and Film
EDED	Education	SOCI	Sociology
EDFR	Education Field Residency	SPAN	Spanish
EDHL	Health	SPCH	Speech
EDKN	Kinesiology	SSCI	Social Sciences
EDRG	Reading	STEM	Science, Technology, Engineering, and Math
EDSE	Special Education	UNIV	University Requirements
ENGL	English	WGST	Women's and Gender Studies

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. Prerequisites: ACCT 2301 and ACCT 2302 or equivalent.

3302. Intermediate Accounting 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. This course may be completed by passing the Financial Accounting CLEP test with a minimum score of 80%. Prerequisites: ACCT 2301 and ACCT 2302, or equivalent.

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. Prerequisite: 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. Prerequisite: Admitted into the College of 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. Prerequisite: Admitted into the College of Business, and ACCT 3301 or ACCT 3302.

3306. Advanced Individual Federal Income Tax. 3(3-0)

An advanced examination of the Title of the United States Code and associated regulation as it pertains to federal income taxation of individuals with emphasis upon capital gains and losses, alternative minimum tax, tax credits, and other topics not covered in ACCT 3305. Prerequisite: ACCT 3305.

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 organizations. 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 of Business, grade of C or better in ACCT 3301 or ACCT 3302.

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. Prerequisite: Admitted into the College of Business, grade of "C" or better in ACCT 3308.

3328. Internship in Accounting. 3(3-0)

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 of Business.

4307. Accounting for Government 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 pronouncement 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 in to the College of 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.

4313. Taxation: Flow-Through Entities. 3(3-0)

This course teaches principles of federal taxation of sole proprietorships, partnerships, Subchapter S corporations and limited liability companies that elect to be taxed as sole proprietorships, partnerships or Subchapter S corporations. Because federal income tax law relies upon state law in determining the existence of a partnership or limited liability company, this course will also involve the study of these entities under the Texas Business Organizations Code. Prerequisite: ACCT 3305.

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. Prerequisites: 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. Prerequisites: ACCT 3303.

4316. Accounting Theory. 3(3-0)

This course examines the basis and development of GAAP. GAAP is then compared and contrasted to alternative accounting systems, such as fair value accounting, inflation-adjusted accounting, and cash-based accounting. Secondary emphasis is given to current research trends in accounting academia, including topics such as positive accounting theory, efficient market hypothesis, and the capital pricing model. Prerequisites: ACCT 3302 and 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. Prerequisites: Grade of C or better in ACCT 3301 or ACCT 3302, CISA 3358

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 Cost/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. Prerequisites: 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.

5150. Foundations of Financial Accounting. 1.5(1.5-0)

An introduction to financial accounting principles and procedures for graduate students with limited background in accounting or business. 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.

5151. Foundations of Managerial Accounting. 1.5(1.5-0)

An introduction to managerial accounting principles and procedures for graduate students with limited background in accounting or business. The course will include the study of managerial accounting issues, including enterprise planning and control. Prerequisite: ACCT 5150 or equivalent.

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. 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. Prerequisite: ECON 5301 and FINC 5302. (Formerly: Seminar in Managerial Accounting)

5312. Fundamental 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.

5317. Accounting and Tax Research. 3(3-0)

This course examines both professional and academic research methods. Students use commonly available research databases, including (but not limited to) LEXUS/NEXUS, RIA Checkpoint, CCH, EDGAR, and the Government Publishing Office. This course is the equivalent of 3 semester hours of Accounting Research.

5318. Financial Statement Analysis. 3(3-0)

Development of a framework for the analysis of financial statements: study of the firm's competitive environment and business strategy, critical review of accounting quality, assessment of financial condition, and evaluation of future prospects. Prerequisite: Admission to MPA program.

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 antitrust 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)

Developing Advocacy Skills for Accountants 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" course for the Forensic Accounting Track. Prerequisite: ACCT 5337.

5350. Internship in Accounting. 3(3-0)

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. Prerequisite: TSI Reading/Writing.

1302. Latinx Art Appreciation. 3(3-0)

This course is an introduction to Latinx Art and is designed for the general student, as an exploration of the particular context, history, and development of art in Latin America. This course presents a survey of the Latinx arts, including artistic media, techniques, art history, and contemporary art. Student will also explore visual principles and elements through experiential learning and community engagement. Prerequisite: TSI Reading/Writing.

1316. Drawing I. 3(3-0)

This course is an introduction to drawing. Through the development of critical thinking and technical skills, students will learn how to visualize, create, and evaluate drawn images. Techniques covered will include all basic aspects of drafting and depictions of space in 2D. Besides studio assignments and group critiques there also will be slide lectures and technical demonstrations. Prerequisite: TSI Reading/Writing.

Business Communications (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.

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. Students majoring in Biology must earn a C to be considered passing. Other programs with this course as a requirement may also request an earned grade of a C. Corequisite: BIOL 1306. Prerequisite: TSI Reading/Writing/Math.

1107. General Biology II - Laboratory. 1(0-3)

This course provides hands-on laboratory experiences 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. Students majoring or minoring in biology cannot use placement exams (e.g. CLEP) to fulfill this course requirement. Students majoring in Biology must earn a C to be considered passing. Other programs with this course as a requirement may also request an earned grade of a C. Prerequisite: Passing grade of C or better in BIOL 1306 and BIOL 1106. Co-requisite: BIOL 1307-General Biology II - Biology of Organisms.

1306. General Biology I - Attributes of Living System. 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. Students majoring in Biology must earn a C to be considered passing. Other programs with this course as a requirement may also request an earned grade of a C. Corequisite for students majoring or minoring in biology: BIOL 1106 – General Biology I Laboratory. Prerequisite: TSI Reading/Writing/Math.

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. Students whose degree program has this course as a listed requirement must earn a C to be considered passing. Prerequisite: BIOL 1306 and BIOL 1106. Corequisite for students majoring or 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 introduction 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. Prerequisite: TSI Reading/Writing.

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 issues in today's society and their broader meaning to the public. Topics in this second course 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. Prerequisite: TSI Reading/Writing.

2190. Independent Study. 1(1-0)

This is a course designed to help transfer students in biology complete the necessary degree requirements for biology particularly when their former institution did not require a laboratory section of the course. Instructor permission is required.

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. Prerequisite: TSI Reading. This course meets the standards for the Life and Physical Sciences category of courses under the core curriculum.

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 - Anatomy & Physiology I. This course meets the standards for the Life and Physical Sciences category of courses under the core curriculum.

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)

This class covers fundamental aspects of heredity, with an emphasis on eukaryotic systems. Topics covered include transmission genetics, linkage and gene mapping. A passing grade of C or better in BIOL 1306, BIOL 1106, BIOL 1307, and BIOL 1107. Prerequisites: BIOL 1306, BIOL 1106, BIOL 1307, BIOL 1107, and MATH 1314.

2412. Evolution. V: 0-4(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. Prerequisite: BIOL 2411

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: A grade of C or better in BIOL 1306, BIOL 1106, BIOL 1307 and BIOL 1107

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 syntheses and folding, cellular energetics and cell cycle. Experiments and techniques used to study cell biology processes will be emphasized. With laboratory section. Prerequisites: Passing grade of C or better in BIOL 1306 and BIOL 1106.

2490. 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: an earned grade of C or better in BIOL 1306, BIOL 1307, and BIOL 1107

3104. Research Experience in Biology. 1(1-0)

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, with particular reference to agriculture and disease vectors. Stress will be on control measures for harmful species. Prerequisite: BIOL 1307 or BIOL 1309

3401. Invertebrate Zoology. 4(3-3)

Classification, anatomy, life history and evolution of invertebrates exclusive of insects. Prerequisite: BIOL 1307 or BIOL 1309.

3402. Evolution. V: 0-4(3-1)

This course surveys the evidence for biological evolution from molecular, cellular, biochemical, embryological, paleontological, genetic, and ecological perspectives. Particular emphasis is placed on how the genetic constitutions of populations change over time and evolutionary forces that are responsible for such change. Other topics emphasized in this course include the construction and interpretation of evolutionary trees and the evolution of cooperation and sociality. The laboratory component of this course emphasizes reading the primary evolutionary biology literature and the using computer simulations to gain insights into how evolutionary forces interact. Prerequisites: Passing grade of C or better in 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. 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. Prerequisites: An earned grade of a C or better in BIOL 1307 or BIOL 1309. Recommended: BIOL 3402

3406. Animal Behavior. V: 0-4(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. 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: An earned grade of a C or better in BIOL 1307 and BIOL 1107.

3408. Animal Physiology. 4(3-3)

A study of the fundamental process of the animal systems. With laboratory section. Prerequisites: An earned grade of C or better in BIOL 1306, 1106, 1307 and 1107. CHEM 1311 and CHEM 1312

3409. Cellular Physiology. V: 0-4(3-1)

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. An earned C or better in BIOL 2411. Recommended: CHEM 2423.

4101. Seminar-Integrative Biology. 1(1-0)

Student-led reviews of current scientific literature on various topics in biology with critical class analyses. Prerequisites: BIOL 3402, ENGL 2311

4102. Seminar-Cell & Molecular Biology. 1(1-0)

Student-led reviews of current scientific literature on cellular and molecular biology with critical class analyses. Prerequisites: BIOL 2411 and BIOL 3409 or BIOL 4401 or BIOL 4406, and ENGL 2311.

4103. Seminar-Zoology. 1(1-0)

Student-led reviews of current scientific literature on various topics in zoology with critical class analyses. Prerequisites: BIOL 3402 and BIOL 3408 or BIOL 3405 or BIOL 3401, and ENGL 2311.

4104. Seminar-Ecology. 1(1-0)

Student-led reviews of current scientific literature on various topics in ecology with critical class analyses. 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, and an application submitted for review.

4304. Undergrad Research in Biology. V: 1-3(3-1)

This course provides an independent review 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. Variable credit for a total of 3 maximum. Prerequisite: 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: A passing grade of 'C' or better in BIOL 2411, Recommended: CHEM 2325

4402. Developmental Biology. 4(3-3)

Developmental Biology is the study of how a single cell develops into a multicellular differentiated organism. Cell signaling pathways involved and the interface between evolution and development will be a primary focus. The laboratory experience will address pathways controlling development in model organisms. Prerequisites: A passing grade of C or better in BIOL 2411.

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 2421.

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. Prerequisite: BIOL 2411

4409. Biology of Disease Vectors. V: 0-4(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 this complex relationship. A mandatory recitation is associated with this course. Prerequisites: Passing grade of 'C' or better in BIOL 2411 and ENGL 2311. Recommended: BIOL 3407 and BIOL 3402

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 or passing grade of C in BIOL 1307 and BIOL 1107

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. Prerequisite: BIOL 3407.

4424. Field Biology. 4(3-3)

During this course the student will learn to plan an ecological study and conduct field work. The student will be introduced to different experimental designs and procedures to study different types of organisms and their environment. With Laboratory Section. Prerequisites: BIOL 3407.

4425. Ornithology. 4(3-3)

Classification, structures, physiology, natural history and field identification of birds. This course may require early morning field trips. With laboratory section. Prerequisite: BIOL 1307 or BIOL 1309

4426. Cellular Physiology. 4(3-3)

Physiochemical function at the cellular level. Prerequisites: 12 semester hours of biology and CHEM 2323/2123, CHEM 2325/2125; PHYS 1301/1101 and PHYS 1302/1102 recommended.

4427. Herpetology. 4(3-3)

Evolution, anatomy, physiology, behavior and ecology of amphibians and reptiles from a world-wide perspective. With laboratory section in which local forms will be emphasized. Prerequisites: 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, Recommended: BIOL 3405

4430. Parasitology. 4(3-3)

Introduction to parasitism with special reference to human and other vertebrate hosts. With laboratory section. Prerequisite: An earned grade of C or better in BIOL 1307 and BIOL 1107.

4431. Ichthyology. 4(3-3)

Evolution, anatomy, physiology, behavior and ecology of fishes from a world-wide perspective. With laboratory section in which local forms will be emphasized. Prerequisite: BIOL 1307 OR 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. Prerequisite: An earned C or better in BIOL 1307 and BIOL 1107.

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)**3101. Jaguar Tracks III: Business. 1(1-0)**

The focus of this course is discovering students' place in a business disciplinary discussion where students will demonstrate knowledge of discipline-specific academic resources, develop major issues within the business discipline, and become active members of the community within the discipline. Prerequisite: UNIV 2101 or 60 or more earned academic semester credit hours.

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 permission of instructor, department chair, and college of Business Dean.

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. Prerequisite: Approval of the 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.

3182. Business Study Abroad. 1(1-0)

These trips will include formal participation in an organized (TAMUSA or other) study 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. Co-requisites 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.

3228. Internship in General Business. 3(3-0)

An off-campus learning experience allowing the acquisition and application of General Business skills in an actual work setting. Prerequisites: Approval of the instructor, department chair, and College of Business Dean.

3281. Service Learning in Business. 2(2-0)

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.

3291. Special Topics in Business Experiential Learning. 2(2-0)

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.

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 and 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. 3(3-0)

An off campus learning experience allowing the acquisition and application of general business skills in a professional workplace environment. Prerequisite: Approval of the instructor, department chair, and College of Business Dean.

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 with a grade of C or better.

3381. Service Learning in Business. 3(3-0)

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.

3391. Special Topics in Business Experiential Learning. 3(3-0)

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.

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.

4101. Jaguar Tracks IV: Business. 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: UNIV 3101 or BUAD 3101 or 90 or more earned academic semester credit hours.

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.

4229. Co-operative Business Experience. 2(2-0)

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.

4329. Co-operative Business Experience. 3(3-0)

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.

Chemistry (CHEM)**1111. General Chemistry Laboratory I. 1(0-1)**

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. Corequisite: CHEM 1311. Prerequisite: MATH 1314.

1112. General Chemistry Laboratory II. 1(0-1)

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. Prerequisites: CHEM 1311 and CHEM 1111 with a grade of "C" or better. Co-requisite: CHEM 1312.

1311. General Chemistry I. 3(3-0)

The first semester of a two-semester sequence, the 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 mechanism of reactions, changes of state, solution behavior, atomic structure, periodic relationships, chemical bonding. Corequisite: CHEM 1111; Prerequisite: MATH 1314. Prerequisite: TSI Reading/Writing/Math.

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 – both with a grade of "C" or better. Corequisite: CHEM 1112.

2123. Organic Chemistry Laboratory I. 1(0-1)

Organic chemistry laboratory experiments designed to accompany CHEM 2323. Introduction to laboratory practices and procedures with emphasis on hydrocarbon chemistry. Corequisite: CHEM 2323; Prerequisites: CHEM 1312 and CHEM 1112.

2125. Organic Chemistry Laboratory II. 1(0-1)

Organic chemistry laboratory experiments designed to accompany CHEM 2325. Introduction to laboratory practices and procedures with emphasis on syntheses and spectroscopy. Corequisite: CHEM 2325; Prerequisites: CHEM 2323 and CHEM 2123.

2171. Water and Wastewater Laboratory. 1(0-3)

Provides instruction in chemical and microbiological analysis for nonstandard water and wastewater samples following typical laboratory procedures according to local, state and federal environmental regulatory guidelines. Students will learn to perform on-stream analysis for the measurement of inorganic and organic compounds, ions, particles and microorganisms. Students learn to conduct basic water sample testing in a lab environment. Students are provided with Texas Commission on Environmental Quality (TCEQ) industry standards and best practice protocols for establishing and maintaining a safe laboratory environment and proper equipment use in a lab setting. As projects students will conduct field experience and conduct a water analysis of a local water body. Prerequisites: CHEM 1111, CHEM 1112, CHEM 1311, CHEM 1312

2314. Selected Topics - Chemistry. 3(3-0)

A course in chemistry in areas of specialization of the faculty, with emphasis on current developments. Specific topics will be changed from semester to semester, so a student may take the course for credit more than once. Prerequisites: permission of the instructor.

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. Corequisite: CHEM 2123; Prerequisites: CHEM 1312 and CHEM 1112.

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. Corequisites: CHEM 2125; Prerequisites: CHEM 2323 and CHEM 2123.

2371. Water and Wastewater Chemistry. 3(3-0)

Provides instruction on the principles and practice of chemical and microbiological analysis for nonstandard water and wastewaters. Chemical and biological testing requirements of governmental regulatory agencies are examined. This course also provides an overview of the theory; processes, and technologies used in common membrane water treatment systems. Content includes micro-filtration, ultra-filtration, electrodeionization, nano-filtration and reverse osmosis membrane technologies. Students will also examine system design considerations and membrane integration into water treatment systems. Students will also learn the theory and technologies to perform on-stream analysis for the measurement

of inorganic and organic compounds, ions, particles and microorganisms. Prerequisites: CHEM 1311, CHEM 1111, CHEM 1312, and CHEM 1112.

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.

4329. Selected Topics - Organic Chemistry. 3(3-0)

A course in organic chemistry in areas of specialization of the faculty, with emphasis on current developments. Specific topics will be changed from semester to semester, so a student may take the course for credit more than once. Prerequisites: permission of the instructor.

4339. Selected Topics - Analytical Chemistry. 3(3-0)

A course in analytical chemistry, in areas of specialization of the faculty, with emphasis on current developments. Specific topics will be changed from semester to semester, so a student may take the course for credit more than once (Maximum 6 hours). Pre-requisites: permission of the instructor

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 2325.

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.

4349. Selected Topics - Biochemistry. 3(3-0)

A course in biochemistry, in areas of specialization of the faculty, with emphasis on current developments. Specific topics will be changed from semester to semester, so a student may take the course for credit more than once (Maximum 6 hours). Pre-requisites: permission of the instructor

4359. Selected Topics - Computational Chemistry. 3(3-0)

A course in computational chemistry, in areas of specialization of the faculty, with emphasis on current developments. Specific topics will be changed from semester to semester, so a student may take the course for credit more than once. Pre-requisites: permission of the instructor.

4379. Selected Topics - Environmental Chemistry & Toxicology. 3(3-0)

A course in environmental/toxicology, in areas of specialization of the faculty, with emphasis on current developments. Specific topics will be changed from semester to semester, so a student may take the course for credit more than once (Maximum 6 hours). Pre-requisites: permission of the instructor.

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.

3101. Jaguar Tracks III: Computer Information Systems. 1(1-0)

In this course students will identify their skills, strengths, interests, and values as it relates to future career goals within their discipline. Students will seek opportunities to gain transferable and direct skills to apply to future career goals. Through mock interviews, writing a professional and concise resume and cover letter, and researching professional organizations, students will be prepared to become active members of the community within their discipline. Prerequisite: UNIV 2101 or 60 or more earned academic semester credit hours.

3328. Internship in Computer Information Systems. 3(3-0)

An off-campus learning experience allowing the acquisition and application of information technology skills in an actual work setting. Prerequisite: CSCI 1336 and CSCI 1136.

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 and CSCI 1136.

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 and CSCI 1136.

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 and CSCI 1136.

3355. COBOL Programming II. 3(3-0)

Refinement and expansion of programming competencies in the COBOL language including structured programming, sorting, merging, file systems and access methods. Prerequisite: CISA 3354.

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.

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: CISA 1305 or CSCI 1336 and CSCI 1136.

3364. Programming in Visual BASIC. 3(3-0)

Fundamentals and techniques of programming for business applications using Visual BASIC. Prerequisite: CISA 1310.

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.

4101. Jaguar Tracks IV: Computer Information Systems. 1(1-0)

In this course, students will identify the various ethical issues and values as it relates to future careers within their discipline. Students will study various cases and identify the ethical issues, and seek mechanisms for addressing and resolving the issues. Through mock debates, studying, writing and presenting professional ethical analysis studies, students will be prepared to understand and address the ethical issues within their discipline. Prerequisite: CISA 3101 or 90 or more earned academic semester credit hours.

4301. Microcomputer Assembly Language. 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 and CSCI 1136.

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 and CSCI 1136.

4304. Database Systems. 3(3-0)

This course examines file and database organization techniques including network, hierarchical, relational, object and NoSQL data models, commercially available and open source database systems, database design and implementation, query language, transaction processing, database administration and database security. Prerequisites: CSCI 1336, CSCI 1136 and CISA 3351.

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. Computer Networks. 3(3-0)

This course covers subjects related to computer networks including TCP/IC and OSI models, network applications, distributed systems and an introduction to network security. The course focuses on concepts, principles and technologies that enable the integration of information and telecommunications systems for support of internal and external business activities. Prerequisites: CSCI 1336 and CSCI 1136.

4309. Scripting Languages. 3(3-0)

This course introduces students to common scripting languages used in computing. It examines the overall design of scripting languages as well as the specific syntax of 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.

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 and CSCI 1136.

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 MGMT 4312. Prerequisite: CISA 4311 or MGMT 4311.

4321. 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 and explores the knowledge and skills needed to ensure security of information and information systems within organizations. Prerequisite: CISA 4306.

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. Prerequisite: 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 judgements; risks and decisions, interlinking risk analysis with risk management; applications to homeland security decisions. Prerequisite: CISA 4306 and CISA 4321.

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 and CISA 4321 or CSCI 4321

4326. Security and Operation 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 4306, CISA 4321 or CSCI 4321 and CISA 4324 or CISA 4325.

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. Prerequisite: CSCI 1336 and CSCI 1136.

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 and CSCI 1136.

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 and CSCI 1136.

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 and CSCI 1136.

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.

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, CSCI 1336 and CSCI 1136.

5309. Computer Tech Applications. 3(3-0)

Study of databases, enterprise systems, decision support systems, business intelligence, and IS security from a managerial standpoint. The course provides insights on systems used for collecting data to assist with operational and strategic decision making.

5310. Organization and Management of Business Databases. 3(3-0)

A study of important issues in the design and implementation of databases for business enterprises with emphasis on the relational model. Study of non-relational database models such as object-oriented, hierarchical and network. Hands-on experience will be provided using a current relational database product. Prerequisite: CISA 5309 or permission of the instructor.

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.

5320. Decision Support Systems. 3(3-0)

A study of computer-based systems that support unstructured and semi-structured decision-making by individuals or groups. These systems include: decision support systems, group decision support systems, executive information systems and expert systems. Prerequisite: CISA 5309 or permission of the instructor.

5321. Information Security. 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. Prerequisite CISA 5330 or undergraduate equivalent in telecommunications or computer networks.

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 judgements; 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. Prerequisites: CISA 5330 or undergraduate equivalent in telecommunications or computer networks, CISA 5321, and CISA 5324 or CISA 5325.

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.

5334. Business Process Integration. 3(3-0)

The 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: CISA 5331 or consent of instructor.

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. Prerequisite: COMM 3301.

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 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 using Adobe Illustrator, Adobe Photoshop, Adobe InDesign and Adobe Bridge. Prerequisite: COMM 1307.

3311. Magazine Design and 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. Prerequisite: COMM 1307.

3321. Principles of Advertising. 3(3-0)

Advertising writing, layout, typography and art work. Advertising campaigns, selling, practice exercises and advertising work for publication. Prerequisite: Junior or senior-level standing.

3326. 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. Prerequisite: COMM 2305/2309, COMM 2311 or COMM 3300 as a substitution.

3327. Digital Photojournalism. 3(2-1)

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. Prerequisite: COMM 2305.

3328. Photojournalism I. 3(3-0)

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. Prerequisite: COMM 2300.

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. Prerequisite: Junior or senior-level standing.

4302. Opinion Writing. 3(3-0)

Purpose and style of editorial comment. Editorial page editing. Prerequisite: COMM 3301.

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. Prerequisite: Junior or senior-level standing.

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. Prerequisite: COMJ 3328.

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. Prerequisite: Junior or senior-level standing.

4337. Advanced Television Production and Direction. 3(2-4)

Mastery of television equipment utilization both in the studio and field. Practical experience in electronic news gathering and electronic field production for educational television. Prerequisite: COMS 3337.

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. Prerequisite: TSI Reading/Writing.

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. Multimedia Literacy. 3(3-0)

Students in this course obtain practical skills and acquire working knowledge of the textual, aural and visual content-producing methods and formats in use by mass media. Using a relevant software foundation that includes smartphone applications, Audacity, Adobe Photoshop, InDesign, and Illustrator, students create content as well as analyze and critique professional media, based on an understanding of the function, roles and legal/ethical responsibilities of mass media in society. 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/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. Prerequisite: COMM 1335.

3101. Jaguar Tracks III: Communication. 1(1-0)

The objective of COMM 3101 is to help students investigate the historical profession. Students will discover their place within their own English major's disciplinary practices and values. Prerequisite: UNIV 2101 or 60 or more earned academic semester credit hours.

3301. Reporting. 3(2-1)

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 2305.

3303. Computer-Assisted Reporting. 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. Prerequisite: COMM 2305.

3304. Multimedia Storytelling. 3(3-0)

An introduction to basic elements of multimedia journalistic storytelling, including audio, video, slideshows, and online journalism formats. Prerequisite: COMM 2305.

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 through class interactions, projects, and online postings. Prerequisite: Junior or senior-level standing.

3308. Radio and TV News and Script. 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. 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 using illustrator, Adobe Photoshop, Adobe InDesign and Adobe Bridge pre-requisite COMM 1307

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. Prerequisite: COMM 2305.

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. Prerequisite: Junior or senior-level standing.

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. Prerequisite: Junior or senior-level standing.

4101. Jaguar Tracks IV: Communication. 1(1-0)

The focus of COMM 4101 is discovering students' place in a professional field where students will demonstrate knowledge of a professional. Prerequisite: UNIV 3101 or COMM 3101 or 90 or more earned academic semester credit hours.

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. Prerequisite: COMM 3301.

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 topic varies. 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. Prerequisite: Junior or senior-level standing.

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. Prerequisites: 6 semester hours of journalism and/or radio-TV and junior or senior-level standing.

4391. Independent Study in Communication. 3(3-0)

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: Junior or senior-level standing.

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 and approval of communication faculty.

4393. Senior Communications Seminar. 3(2-3)

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. 3(3-0)**

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. Prerequisite: TSI Reading/Writing.

2330. 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. Prerequisite: TSI Reading/Writing.

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.

3315. Drugs and Crime. 3(3-0)

This course is designated to introduce students to the world of illegal drugs and the criminal justice response to them. Throughout the course we will discuss the use of certain psychoactive drugs before they were banned, the process of making drugs illegal and the current laws we have in place for psychoactive drugs, how drugs work in the body to produce their effects, the drug/crime connection, and the specific psychoactive drug categories. The major goal of this course is to teach students how to think critically about drug use and drug related issues.

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 2330, 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. (Credit may not be obtained in 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. Prerequisites: CRIM 1301, CRIM 2330, ENGL 1302, and MATH 1314 or MATH 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 2330, 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 2330, ENGL 1302, and POLS 2301.

4184. Directed Research in Criminology. 1(1-0)

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, manuscript drafting, 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. Total cumulative hours in CRIM 4384, CRIM 4284, and CRIM 4184 may not exceed 6 hours. Prerequisites: CRIM 1301 and CRIM 2301, instructor's approval and cumulative GPA of 3.0 or higher.

4284. Directed Research in Criminology. 2(2-0)

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, manuscript drafting, 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. Total cumulative hours in CRIM 4384, CRIM 4284, and CRIM 4184 may not exceed 6 hours. Prerequisites: CRIM 1301 and CRIM 2301, instructor's approval and cumulative GPA of 3.0 or higher.

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 Correction. 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 1301, CRIM 2330, 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.

4342. White Collar Crime. 3(3-0)

An in-depth view of the social, structural, organizational, and criminological factors leading to the development of white collar crime and criminal activity; the nature, extent, types, costs, structure and control of white collar crime will be addressed. Along with their explanations, theories, accounts, investigation, adjudications, and regulations, this course will provide an in-depth view and an examination of the social, structural, occupational, political and organizational/corporate factors leading to the development of white collar criminal activity. Through critical analysis, discussions, presentations, and research, students will trace, present, and report on the evolution of white collar crime and related criminal activity. Readings will include factual accounts of the United States and international Criminal Justice system partners, white collar crime initiatives and current intelligence reports as they relate to criminology, criminal justice, and public media sources. Prerequisites: 6 hours of CRIM.

4343. Organized Crime. 3(3-0)

From mainstream media to movies to books, the topic of organized crime, i.e., who they are, what they do, and how do they do it, has fascinated, frustrated and inspired imaginations all around the world. What looks glamorous, or exciting, or profitable is deadly, destructive, costly, and increasingly difficult to control by conventional elements of the criminal justice system. Along with their explanations, theories, accounts, investigations, adjudications, and regulations, this course will provide an in-depth view of the social, structural, and organizational factors leading to the development of organized crime activity. Through critical analysis, discussions, presentations, and research, students will trace, present, and report on the evolution of organized crime and related criminal activity such as, human, drug, and weapons trafficking, cartel activity, public corruption, crimes against people, crimes against property, bulk money transfers and money laundering. Readings will include factual accounts of the United States and international criminal justice system, partner's organized crime initiatives and current intelligence reports as they relate to criminology, criminal justice, national security, and public media sources. Prerequisites: 6 hours of Criminology

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 2330, 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 2330.

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 2330, and ENGL 1302.

4384. Directed Studies in Criminology. 3(3-0)

Supervised research experience in criminology. Students 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, manuscript drafting, and/or assistance in planning and conducting parts of a research project. A paper on the research experienced is required. May be repeated for a maximum of 6 semester hours of credit. Prerequisites: CRIM 1301 and CRIM 2301, instructor's approval, and cumulative GPA of 3.0 or higher.

Computer Science (CSCI)**1136. Programming Fundamentals I Laboratory. 1(0-3)**

This is the accompanying laboratory for CSCI 1336: Programming Fundamentals I. Students will work hands-on in a computer laboratory to write programs on topics in software development methodology, data types, control structures, functions, arrays, and the mechanics of running, testing, and debugging. Prerequisites: Math 1314 or equivalent. Corequisites: CSCI 1336.

1137. Programming Fundamentals II Laboratory. 1(0-3)

This is the accompanying laboratory for CSCI 1337: Programming Fundamentals II. Students will work hands-on in a computer laboratory to write programs on topics in 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. Prerequisites: CSCI 1336 and CSCI 1136. Corequisite: CSCI 1337.

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. Prerequisites: MATH 1314 or equivalent. Corequisite: CSCI 1136.

1337. Programming Fundamentals II. 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. Prerequisites: CSCI 1336 and CSCI 1136. Corequisite: CSCI 1137.

2136. Programming Fundamentals III Laboratory. 1(0-3)

This is the accompanying laboratory for CSCI 2336-Programming Fundamentals III. Students will work hands-on in a computer laboratory to write programs on topics in the fundamental concepts of data structures and expand on the concepts control structure, data types, and algorithms. Programming 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. Prerequisites: CSCI 1337 and CSCI 1137. Corequisite: CSCI 2336.

2322. Discrete Structures for Computing. 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. Prerequisites: CSCI 1337 and CSCI 1137.

2325. Computer Organization and Machine Language. 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. Prerequisites: CSCI 1337 and CSCI 1137.

2336. Programming Fundamentals III. 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. Prerequisite: CSCI 1337 and CSCI 1137. Corequisite: CSCI 2136.

3101. Jaguar Tracks III Computer Science. 1(1-0)

In this course students will identify their skills, strengths, interests, and values as it relates to future career goals within their discipline. Students will seek opportunities to gain transferable and direct skills to apply to future career goals. Through mock interviews, writing a professional and concise resume and cover letter, and researching professional organizations, students will be prepared to become active members of the community within their discipline. Prerequisite: 60 or more earned academic semester credit hours.

3304. Database Systems. 3(3-0)

This course examines file and database organization techniques including network, hierarchical, relational, object and SQL data models, commercially available and open source database systems, database design and implementation, query language, transaction processing, database administration and database security. Prerequisites: CSCI 2336 and CSCI 2136.

3321. Cyber Security. 3(3-0)

This course will introduce students to the concepts, principles, and applications of cyber security including privacy, information security, and critical infrastructure. This course will explore the knowledge and skills needed to ensure security of information and computer systems within organizations. Prerequisites: CSCI 1336 and CSCI 1136.

3343. 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: CSCI 2336, CSCI 2136, MATH 2314 and MATH 2114.

3344. 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. Formerly CSCI 4344 Prerequisite: CSCI 2325.

3352. System 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.

3353. 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. Formerly CSCI 3351. Prerequisite: CSCI 2336.

3362. 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 change 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. Prerequisites: CSCI 2325, CSCI 2336 and CSCI 2136.

3366. Programming Languages. 3(3-0)

This course covers different programming languages paradigms, formal definition of programming languages including specification of syntax and semantics, precedence, infix, prefix and postfix notation, list processing, string manipulation, data description and simulation languages, run-time representation of program and data structures. Formerly CSCI 4366. Prerequisite: CSCI 2325, CSCI 2336, CSCI 2136.

4101. Jaguar Tracks IV: Computer Science. 1(1-0)

In this course students will identify the various ethical issues and values as it relates to future careers within their discipline. Students will study various cases and identify the ethical issues, and seek mechanisms for addressing and resolving the issues. Through mock debates, studying, writing and presenting professional ethical analysis studies, students will be prepared to understand and address the ethical issues within their discipline. Prerequisite: UNIV 3101 or CSCI 3101 or 90 or more earned academic semester credit hours.

4106. Computer Networks Laboratory. 1(0-3)

This is the accompanying laboratory for CSCI 4306: Computer Network. Students will work hands-on in a computer laboratory to study networks, TCP/IP and OSI models, network applications, distributed systems and an introduction to network security. Prerequisites: CSCI 2336, CSCI 2136, MATH 3340 and CSCI 3321. Corequisites: CSCI 4306.

4306. Computer Networks. 3(3-0)

This course covers subjects related to computer networks including TCP/IC and OSI models, network applications, distributed systems and an introduction to network security. The course focuses on concepts, principles and technologies that enable the use of current computer networks and protocols. Must take Lab as a co-requisite to complete the hands-on exercises. Prerequisites: CSCI 2336, CSCI 2136, MATH 3340 and CSCI 3321. Corequisite: CSCI 4106.

4315. Computer Graphics. 3(3-0)

Man-machine communication in graphical form. Graphics hardware and software. Use of a commercial graphics package. Representation and manipulation of two- and three-dimensional data. Use of color. Prerequisite: CSCI 2336 or instructor approval.

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 2336 and CSCI 2136.

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.

4321. Computer Security. 3(3-0)

This course covers the topics of computer security and information security in greater detail. Topics will include cryptography, security protocols, web security, network security, software-security, mobile security, intrusion detection and prevention systems, vulnerability assessment, and other security technologies. Special emphasis is on application and software security issues. Hands-on exercises are included to reinforce the material. Prerequisites: CSCI 2336, CSCI 2136, CSCI 4306, CSCI 4106 and MATH 3340.

4325. Mobile App Development I. 3(3-0)

This course covers the fundamental concepts of designing and developing software applications targeted for mobile devices such as those running the Android operating system. The content is focused on strategies and techniques for designing and structuring mobile applications, including user interface screen layouts, the definition of program logic, and the connection between them. The application life cycle in the mobile environment and its important implications on application design is also examined. Prerequisites: CSCI 2336 or CISA 4305.

4331. Cryptography. 3(3-0)

This course covers an introduction to various topics in cryptography including conventional and public-key cryptography, authentication and digital signatures, pseudo-random sequences, hash functions, key management. Software applications using these techniques will be studied in addition to an introduction to current cryptographic techniques and applications. Prerequisites: CSCI 3343 and CSCI 4306.

4335. Mobile App Development II. 3(3-0)

This course covers the technologies, tools, and techniques used to develop software applications targeted for mobile devices running software such as the iOS operating system. The content is focused on strategies and techniques for designing and structuring mobile applications, including user interface layouts, gesture-based interfaces, integrated location services, multi-touch event handling, Apple iOS platform, Xcode IDE, and Swift programming language. The application life cycle in the mobile environment and its important implications on the application design is also examined. Prerequisites: CSCI 2336 and CSCI 2136 or CISA 4305.

4359. Advanced Topics in Computer Science. 3(3-0)

Research in selected fields of computer science. Prerequisite: consent of instructor. May be repeated once for additional credit.

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. Co-Requisite: CSCI 4316.

Economics (ECON)

2301. Principles of Macroeconomics. 3(3-0)

The objective of this course is to understand the modern tools and methods used in economic decision-making. The course is designed for student 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. Prerequisite: ENGL 1301, ENGL 1302, MATH 1314 or MATH 1324.

2302. Principles of Microeconomics. 3(3-0)

The objective of this course is to understand the modern tools and methods used in economic decision-making. The course is designed for student 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 behavioral sciences requirement under the core curriculum. Prerequisite: ENGL 1301, 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, ECON 2301, and ECON 2302.

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, ECON 2301, and ECON 2302.

4393. Special Problems in Economics. 3(3-0)

Special studies in Economics. May be repeated once for credit. Prerequisite: consent of the instructor.

5150. Foundations of Macroeconomics. 1.5(1.5-0)

An introduction to the principles of macroeconomics for graduate students with limited background in economics or business. The course will include the study of aggregate demand and supply analysis for the determination of output, employment, inflation and economic growth. The role of fiscal and monetary policy will be examined with a focus on the current policy debates.

5151. Foundations of Microeconomics. 1.5(1.5-0)

An introduction to the principles of microeconomics for graduate students with limited background in economics or business. 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.

5301. Foundations of 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. Formerly BUAD 5301.

5302. Microeconomic Analysis. 3(3-0)

An intensive study of microeconomic theory in both its partial equilibrium and general equilibrium aspects. Topics covered include concepts and techniques of economic analysis; theory of consumer choice; theory of the firm, of capital and interest; theory of markets and exchange; factor price determination and functional income distribution. Prerequisites: ECON 5150 and ECON 5151 or equivalent.

5304. Macroeconomic Analysis. 3(3-0)

Analytical tools of advanced contemporary macroeconomics. Determination of the level of aggregate income; investment, money, interest and prices; wages, prices and employment. Prerequisites: ECON 5150 and ECON 5151 or equivalent.

5329. Managerial Economics. 3(3-0)

Microeconomic theory applied to managerial decision-making, relating managerial economics to finance and other business disciplines. Prerequisites: ECON 5301 and FINC 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: ECON 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: ECON 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. 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 Various Special Programs in Education with Emphasis on Reading; Career Education; Vocational Technical Administration; and 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 in 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. 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 Problems. 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 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, refinement 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 development of Academic Spanish proficiency for any student who wishes to successfully utilize Academic Spanish in a dual language setting or similar environments. Students will refine their language skills in listening, speaking, reading, and writing to become successful dual language teachers. This course is intended to support academic student success in the areas of literacy and Spanish proficiency. Prerequisites: Advanced Spanish proficiency equivalent to 14-16 semester credit hours of Spanish.

4318. Teaching Language Arts, Social Studies and 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. Course is offered in Spanish. Prerequisites: EDBL 4318 and EDFR 3310 Field Residency I. Co-requisite: EDFR 3120 Field Residency II.

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 and 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 will be 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. Prerequisite: EDCG 5327.

5308. Clinical Treatment: Couples, Families, and Military Populations. 3(3-0)

This course provides an overview of counseling needs in the civilian and military communities. The course provides and in depth study of effective theories and techniques for working with the military and civilian communities. This course provides a framework for understanding military rank, leadership, communication, terminology, values, culture, and ethical/legal issues related to counseling active-duty military members. This course discusses counseling and mental health services typically available to military personnel on base and in military communities. The course also discusses counseling and mental health services that may be available to civilians in their communities. 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, as well as counseling experiences under supervised conditions. The students will experience didactic and experiential training with a focus on counseling skill development. Prerequisites: EDCG 5308 and EDCG 5328.

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. Professional Orientation and Ethics. 3(3-0)

Orientation to the professional identity and ethical standards of counseling professionals. Students will address professional and ethical issues that affect the practice of counseling and related professions. Varied points of view will be presented to stimulate discussion, exploration, and reflection. Prerequisites: EDCG 5311, EDCG 5335, and EDCG 5333.

5314. Theoretical Foundations of Individual, Couples, and Family Counseling. 3(3-0)

The purpose of this course is to provide students with an introduction to counseling theories with an emphasis on systems theory. The course will provide knowledge of theories that may be utilized for working with clients who present as individuals, couples, or families.

5316. School Counseling: Leadership and Advocacy. 3(3-0)

This course explores the historical development, professional identity, ethical standards and leadership roles of the school counselor. Students will learn how to plan, implement, and evaluate a comprehensive, development guidance and counseling program designed to promote personal growth and development of all students. The legitimate role of the school counselor will be emphasized. Prerequisite: EDCG 5333.

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 5311; EDCG 5313; EDCG 5335; EDCG 5342; and EDCG 5313. 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. Prerequisite: 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. Prerequisites: EDCG 5313, and 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 3-credit hour course is designed to provide counselor trainees with a thorough understanding of the nature of use, abuse and dependency/addiction related to alcohol and other legal and illegal substances with special emphasis on the brain, and its impact on behavior. In addition, counselor trainees will understand process addictions such as those related to eating, gambling, and sex. Furthermore, trainees will understand the dynamics of substance use in families, in schools, substance use and mental illness, as well as relapse and recovery. Finally, counselor trainees will understand how to interview and evaluate clients, as well as understand multiple treatment modalities. 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 be 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).

5336. Abnormal Conditions and Interventions. 3(3-0)

This 3-hour course provides an in-depth look at the varieties of psychopathology and their classifications. This course is designed to assist the counselor trainee in assessing and treating clients who present in need of clinical attention. The Diagnostic and Statistical Manual of Mental Disorders, 5th Edition (DSM) is the standard for identifying mental disorders. Much of the course will be based upon the DSM-5. Prerequisites: EDCG 5327 and EDCG 5328

5339. Legal Issues in Counseling. 3(3-0)

This course provides an advanced exploration of the legal, ethical, and professional choices faced by mental health practitioners. Basic ethical issues are reviewed and extended into practical, case-oriented study of current demands and obligations for the mental health issues in ethics, professional liability, risk management, and managed care service environments. A focus will be on records management, business/family law, and the study/application of current LPC Board Rule. Prerequisites: EDCG 5328 and EDCG 5313.

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: EDCG 5328. 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.

5350. School Counseling Practicum. 3(3-0)

Students will complete supervised practicum counseling experiences within the school counseling setting. Practicum experience will total a minimum of 100 clock hours with at least 40 clock hours of direct service with actual clients. Pre-Requisites: EDCG 5317 and EDCG 5328

5351. 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. Counseling Curriculum and Systemic Interventions. 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. (Previous title: Developmental Counseling Curriculum)

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. Prerequisites: EDCG 5333 and EDCG 5311

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.

5360. Clinical Mental Health Practicum. 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). Students will be expected to complete 100 hours of practicum experience. These hours are a combination of direct service/contact, supervision, and administrative responsibilities. Prerequisites: EDCG 5317 and EDCG 5328.

5361. Advanced Counseling Practicum. 3(3-0)

This course provides an opportunity for students to develop and refine their counseling skills while gaining in-depth experience across 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. Students will be expected to complete 150 hours of practicum experience with an emphasis on individual and group counseling skill development. Prerequisite: EDCG 5351.

5362. School Counseling Internship. 3(3-0)

Students will complete a total of 200 clock hours of supervised counseling internship within the school counseling setting. Students will have weekly interaction with site supervisors that averages one hour per week of individual and/or triadic supervision throughout the internship. Students will also participate in an average of 1-2 hours per week of group supervision on a regular schedule throughout the internship. Prerequisites: EDCG 5350

5365. Marriage, Couple, & Family Counseling Practicum. 3(3-0)

Students will complete supervised practicum counseling experiences within the Marriage, Couple and Family Counseling setting. There will be a special emphasis on appropriate assessment, treatment planning, and intervention with couples and families. Practicum experience will total a minimum of 100 clock hours with at least 40 clock hours of direct service with actual clients. Prerequisites: EDCG 5308 and EDCG 5328.

5385. Clinical Mental Health Internship. 3(3-0)

Students will complete a total of 200 clock hours of supervised counseling internship within the clinical mental health counseling setting. Students will have weekly interaction with site supervisors that averages one hour per week of individual and/or triadic supervision throughout the internship. Students will also participate in an average of 1.5 hours per week of group supervision on a regular schedule throughout the internship. Prerequisite: EDCG 5360.

5386. Internship: Mental Health Counseling. 3(3-0)

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 300 clock hours. Students are required to complete two internships for a total of 600 clock hours. Students 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. Prerequisite: EDCG 5360

Curriculum and Instruction (EDCI)

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. Formerly EDED 1301. Prerequisites: TSI Reading/Writing.

3101. Jaguar Tracks III. 1(1-0)

The focus of this course is on discovering students' place in a disciplinary discussion where students will demonstrate knowledge of the discipline specific academic resources, develop major issues within the discipline, and become active members of the community within the discipline. Prerequisite: UNIV 2101 or 60 or more earned academic semester credit hours.

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. Formerly EDED 3303.

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.

3347. English Language Arts Methods for Early Childhood and Elementary Teachers. 3(3-0)

This course focuses on the six components of language arts: listening, talking, reading, writing, viewing and visual representation. Psycholinguistic and sociolinguistic theory and its application to English language learning will be addressed. Strategies for teaching reading in the content area with emphasis in the skills necessary for helping students increase their reading vocabulary and reading comprehension are discussed. Additionally, this course offers experience and training in the use of writing as an instructional tool and techniques and methods for writing throughout the curriculum. Details pertaining to research, visual literacy and digital/critical literacy are explained. Formerly EDED 3347

3348. Classroom Management: Early Childhood and Elementary Teachers. 3(3-0)

This course introduces various managerial strategies, offers teacher 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. Formerly EDED 3348.

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. Formerly EDED 3349.

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. Formerly EDED 3357.

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. Formerly EDED 3358.

3359. Social Studies Methods: Middle and 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. Formerly EDED 3359.

4101. Jaguar Tracks IV. 1(1-0)

The focus of this course is on 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: UNIV 3101 or EDCI 3101 or 90 or more earned academic semester credit hours.

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. Formerly EDED 4301. Prerequisite: EDEC 3307.

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 School 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. Formerly EDED 4311. Prerequisite: EDCI 3303.

4346. Science Methods: Early Childhood and Elementary Levels. 3(3-0)

This course provides teacher candidates with a method of teaching and assessing science in the early childhood through elementary grade levels; including methods of selecting and organizing programs, the sequence of the science curriculum, adapting and enriching science programs to meet the needs of all students, and creating assessments aligned with the science curriculum. Formerly EDED 4346.

4347. Math Methods: Early Childhood and 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. Formerly EDED 4347.

4356. Science Methods: Middle School and Secondary Levels. 3(3-0)

This course provides teacher candidates with a method of teaching and assessing science in the middle and secondary levels; including methods of selecting and organizing science programs, the sequence of the science curriculum, adapting and enriching science programs to meet the needs of all students, and creating assessments aligned with the science curriculum. Formerly EDED 4356.

4357. Math Methods: Middle School 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. Formerly EDED 4357.

Early Childhood (EDEC)**3101. Jaguar Tracks III: Early Childhood. 1(1-0)**

In this course students will identify their skills, strengths, interests and values as it relates to future career goals within the field of early childhood. Students will volunteer in the community to gain transferable and direct skills to apply to future career goals. Through mock interviews, writing a professional and concise resume and cover letter, and research professional organizations, student will be prepared to become active members of the early childhood community. Prerequisite: UNIV 2101 or 60 or more earned academic semester credit hours.

3307. 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. Formerly EDEC 3303.

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 3307.

3331. Infant and Toddler Development. 3(3-0)

Acquisition and development of physical, social, emotional, and cognitive skills for infants and toddlers with an emphasis on the essential role of the family and nurturing relationships in promoting positive early development.

3332. Professionalism, Leadership and Ethics. 3(3-0)

Utilizing a social justice framework, focuses on becoming an early childhood professional; ethical choices, staff collaborations, professional dispositions, professional development, leadership and advocacy.

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 3307.

4101. Jaguar Tracks IV: Early Childhood. 1(1-0)

The focus of this course is discovering students' place in the early childhood field where the student will demonstrate knowledge of professional expectations and resources, demonstrate growth over their university experience, and become active members in the early childhood profession. Prerequisite: UNIV 3101 or EDEC 3101 or 90 or more earned academic semester credit hours.

4301. Working with Diverse Families and Young Children. 3(3-0)

Focuses on understanding the dynamic relationship between families and those who care for young children examining issues of diversity, family strengths, family stresses and parenting.

4302. Action Research. 3(3-0)

Focuses on preparing early childhood professionals to use empirically-based action research to inform their work with young children and/or families.

4303. Practicum in Growth and Development. 3(3-0)

Familiarizes the student with authentic early childhood environments emphasizing the importance of developmentally appropriate and culturally relevant practices.

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.

4320. Assessment in Early Childhood Education. 3(3-0)

Student will acquire information regarding developmentally appropriate assessment strategies for the cognitive, social, emotional and physical domain. Student will identify formal and informal evaluative instruments and the subsequent advantages and disadvantages. Information will be provided on special problem regarding assessment, including assessment of special populations, interpretation of results and bias of results (Formerly EDEC 3303). Prerequisite: EDEC 3303.

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 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.

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 course is about infants, toddlers, preschoolers, and families during the first four years of life. The primary goal of 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 affect their development and learning. Culturally relevant ways of supporting the child and family within an ecological system are 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 5312, EDEC 5314, EDEC 5333.

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.

5334. Professional Laboratory Experiences in Early Childhood Education. 3(3-0)

Practicum in observing and recording behavior of young children. Assignments in developmentally appropriate activities for preschool children. May be repeated once. Prerequisite: 12 hours of Early Childhood Education.

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 developmentally appropriate methods of instruction and assessment with young children are 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 project, resulting in an 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 student's Graduate Research Project. This project will also form the foundation of any student wishing to pursue a Master's These. Prerequisite: 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.

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.

3370. Introduction to Instructional Design and Assessment. 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.

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.

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. Educational 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 for the Middle and 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 for the 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 and Learning Theories for Children. 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 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 and 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 and 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 and 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 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)**0000. TExES Exam Preparation. 0(0-0)**

This course will provide an analysis of each Domain and Standards of the Core test needed to become initially certified. An analysis of the content, format and techniques to master the core will be used. This test prep course may include other core areas per student need. Prerequisite: Admission to EPP or GTCP.

3110. Field Laboratory 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 teacher preparation program.

3120. Field Laboratory 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 teacher preparation program.

4310. Elementary Clinical Teaching: Field Residency IV. 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. Clinical teaching is a half-time assignment for 30 weeks in an accredited elementary school. Course must be taken twice in consecutive semesters. Student is to furnish transportation. Prerequisites: EDFR 3110, EDFR 3120, and all coursework required by degree plan and certification route.

4320. Secondary Clinical Teaching: Field Residency IV. 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 secondary school. Clinical teaching is a half-time assignment for 30 weeks in an accredited secondary school. Course must be taken twice in consecutive semesters. Student is to furnish transportation. Prerequisites: EDFR 3110, EDFR 3120, and all coursework required by degree plan and certification route.

4613. Elementary Clinical Teaching: Field Residency III. 6(6-0)

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 for 16 weeks in an accredited elementary school. Student is to furnish transportation. Prerequisites: EDFR 3110, EDFR 3120, and all course work on degree plan.

4623. Secondary Clinical Teaching: Field Residency III. 6(6-0)

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 for 16 weeks in an accredited secondary school. Student is to furnish transportation. Prerequisites: EDFR 3110, EDFR 3120, and all course work on degree plan.

5110. GTCP Field Observation. 1(0-3)

Students are required to complete 45 hours of field observations. The purpose of field observation is to provide meaningful learning experiences for pre-service educators in accordance with state mandated guidelines for teacher preparation. Through field observation, students should have an opportunity to observe best practices and techniques for effective classroom management, connect theory with practice, obtain assistance in career decisions, and to develop personal skills and values. The course must be successfully completed prior to clinical teaching or internship. Prerequisite: Admission GTCP

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. 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. Prerequisite: bachelor's degree from a regionally accredited institution, employment by a school district and criteria for admission to the alternative certification program.

5330. Instructional Design. 3(3-0)

This course examines curriculum, instruction, and assessment in the context of standards based education. It explores theories, methods, and procedures underlying the development and design of curriculum and instruction, the interrelationships among curriculum, instruction, and assessment and presents best practices for developing curriculum and instruction which will meet the needs of an inclusive school. Researched based practices designed to improve student learning for all students and to develop 21st century skills will be presented. The history of curriculum development and evaluation; the importance of aligning learning theory and learner variables; removal of barriers to student achievement; and how to meet diverse student needs are discussed. Prerequisites: Admission into GTCP

5331. Classroom Management and Discipline. 3(3-0)

The purpose of this course is to provide pre-service teachers with group and individual behavior management and instructional procedures that can be used in a variety of education environments. Course content will provide both theoretical understanding and practical application of strategies aimed at creating safe, encouraging, and effective learning environments. Emphasis will be placed on the use of evidence-based (a) instructional procedures rather than the content (i.e., curriculum) of instruction, (b) behavior and program evaluation, and (c) core management principles. Throughout the syllabus there are indications of Evidence-Based Practices (EBP). It is important for educators to use practices that have been shown, through sound research, to improve the achievement and performance of students. This course has been designed to expose students to and provide opportunities to use EBP. Prerequisites: Admission into GTCP

5332. Assessment Development. 3(3-0)

The goal of the course is to facilitate each student reaching a level high of competence and professional-level understanding of instructional and assessment practices used in diverse educational settings. Grading, use of assessment data, planning, and collaboration are addressed. Students will learn how data driven decision-making can lead to improved student achievement including ELLs and special populations. Pre-requisites: Admission into TAMUSA and GTCP

5333. Professional Roles and Responsibilities. 3(3-0)

This course explores legal, ethical and politics issues governing preK-12 education in America and the legal responsibilities and powers of state and local governing bodies and individuals that arise in elementary and secondary schools. Topics include confidentiality, testing, liability for student injury, due process, search and seizure, staff appraisal, employment discrimination, church/state conflicts, control over the curriculum, the expression of controversial views, issues related to the financing and adequacy of state school finance plans, and the schools' authority to make rules governing student and teacher conduct. Issues surrounding in-school and in-district politics will also be discussed. Contracts, dismissals, tenure, retirement, liability of personnel and district, school district boundary changes, and bonding are also explored. Emphasis is given to federal and state statutes and case law affecting due process, liability, equal protection, and the rights of teachers and students in order to better understand the risks in education management and possible strategies to reduce those risks. Prerequisites: Admission into GTCP.

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. Prerequisite: TSI Reading.

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. Prerequisite: EDKN 1304.

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: EDKN 1304.

4337. Disease Entities and Epidemiology. 3(3-0)

This course introduces epidemiologic principles and methods. Examines the historical and theoretical bases of epidemiology; statistical methods; distribution of disease over person, place and time; research methods utilized in epidemiology; and the application of epidemiology to the prevention of disease and the promotion of health.

4342. Program Plan 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.

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.

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 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. Prerequisites: TSI Reading.

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. Prerequisites: TSI Reading.

1103. Cardio Dance. 1(1-0)

Instruction and participation in various aerobic exercises to music. Prerequisites: TSI Reading.

1104. Cardio Fitness. 1(1-0)

Instruction and participation in aerobic activity through various group and individual sports, games, and exercises. Prerequisite: TSI reading.

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. Prerequisites: TSI Reading.

1301. Foundations of Kinesiology. 3(3-0)

Philosophical, historical, sociological, psychological, mechanical, and physiological principles of kinesiology. Includes careers in kinesiology. Prerequisite: TSI Reading/Writing.

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. Prerequisites: TSI Reading/Writing.

1305. Coaching. 3(3-0)

Principles of coaching, behavior, teaching, physical training, and management. Prerequisites: TSI Reading.

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. Prerequisites: TSI Reading.

1308. Intramurals and Officiating. 3(3-0)

Designing, organizing, and promoting intramural programs. Emphasis on officiating techniques and procedures in various activities. Prerequisites: TSI Reading/Writing.

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. Prerequisites: TSI Reading/Writing.

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. Prerequisites: TSI Reading/Writing.

2148. Skill Analysis of Team Sports. 1(1-0)

Participation and introduction to teaching in a variety of team sports. Prerequisites: TSI Reading/Writing.

3101. Jaguar Tracks III. 1(1-0)

This course is designed to prepare students to meet the minimum health-related fitness standards of the five components of fitness. These five components will be assessed, students will identify areas of need, formulate a plan, and put this plan in action. Prerequisite: UNIV 2101 or 60 or more earned academic semester credit hours.

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. Prerequisites: BIOL 1306 and 1307, or BIOL 2401

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.

3320. Motor Development and 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. Prerequisites: EDKN 1119, EDKN 1134, EDKN 2112, EDKN 2114 and EDKN aquatics.

3332. Program Development and Management in the Fitness Industry. 3(3-0)

Organizational development and management in corporate, commercial and institutional fitness industries. Prerequisite: EDKN 1301.

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. Formerly EDED 3340.

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. Prerequisites: 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.

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. Prerequisites: EDKN 1301.

4101. Jaguar Tracks IV. 1(1-0)

This course is designed to prepare students for their profession outside of content-specific information. Students learn to work safely within their social environment to better prepare them for interaction in group setting when planning, implementing, and/or evaluating activities, events, or other job-related activities. Prerequisite: UNIV 3101 or EDKN 3101 or 90 or more earned academic semester credit hours.

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 Phys 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.

4316. Complex Psychomotor Skills for Children. 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. Completion of 90 semester hours. Field experience required

4320. Motor Development and 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 3426.

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 I. 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 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. Prerequisite: EDKN 3320 or EDKN 4320.

4401. Exercise Test and Prescription. 4(3-1)

Design and implementation of exercise programs for healthy and special populations based upon appropriate screening and evaluation procedures. Includes required laboratory experiences. Prerequisites: 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-services 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 up to 10 hours of experiential learning.

3335. Multicultural Children's Literature. 3(3-0)

Multicultural Children's Literature is designed to provide a foundation for students who are interested in exploring children and young adult literature that is centered around a Latinx them. The coursework will engage students with activities and literature to enhance knowledge of implementing materials with children and young adults.

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 up to 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 up to 10 hours of service 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)

This course is designed to address the literacy needs of young children from birth to early elementary. The course examines the 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 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 writing from both an elementary and secondary perspective. Special attention is spent on the recursive nature of reading and writing.

5327. Critical Literacies/ Critical Pedagogies. 3(3-0)

The Critical Literacies and Critical Pedagogies course embraces theories and application of deconstruction and reconstruction in the interpretation and consideration of traditional print materials, as well as non-print text. As educators prepare students to be critically conscious citizens for a global world, the interpretive aspects of critical literacy and reality of crucial pedagogy should be an integral part of elementary, secondary, and college classrooms.

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)

This course addresses the varied theories, theorists, 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 and environmental contexts 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)

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 service/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, EDRG 5320.

5360. School Wide Literacy Leadership. 3(3-0)

This course 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 students through the process of supporting educator's growth in pedagogy through a professional development model of instructional coaching to cultivate classroom change. This course requires up to 15 hours of experiential learning in literacy. Prerequisites: EDRG 5310, EDRG 5320, EDGR 5355. In addition, 2 years of teaching experience and a valid teaching certificate are 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, 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 160 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 are 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 educational 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 of 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. Prerequisite: EDSE 3345.

3348. Educational Procedures for Exceptional Individuals. 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 Students. 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. Prerequisites: EDSE 5321, EDSE 5324; EDSE 5326; EDSE 5322, and with department approval only.

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. Prerequisites: EDSE 5301 and program approval.

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. Prerequisite: EDSE 5321.

5309. Special Problems: Advanced Behavioral Intervention. 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 5326.

5321. Accommodating Diverse Populations. 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.

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 the 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 5321.

5327. 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 5321.

5328. 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 5321 and departmental approval.

5332. The Bilingual Child in Special Education. 3(3-0)

An overview of special education issues relevant to limited English proficient children who have disabilities. Prerequisite: EDSE 5321.

5335. Education of Gifted Learners. 3(3-0)

Curriculum needs and program planning for culturally and linguistically different exceptional students. Prerequisites: EDSE 5360

5337. Methods for Teaching Gifted Students. 3(3-0)

Explores the identification of gifted students, the scope and sequence of programs, curriculum models and instructional strategies. Prerequisite: EDSE 5321.

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. Prerequisite: EDSE 5321.

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. Prerequisite: EDSE 5324.

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 5322.

5375. Special Education Assessment Practicum. 3(3-3)

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 5321 and program approval.

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. Prerequisite: EDSE 5321.

English (ENGL)**1301. Composition I. 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. Prerequisites: TSI Reading/Writing.

1302. Composition II. 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.

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, letter, and descriptions of products and services. Students will also practice individual and collaborative processes involve in the creation of ethical and efficient documents. Prerequisite: ENGL 1301.

2312. Borderland Rhetorics. 3(3-0)

This course examines discourses associated with borderlands broadly conceived as transnational, cultural, and material spaces. Students in this course will learn about the history and theory of a range of borderland rhetorics. Students will also apply this knowledge through the analysis and production of text. Prerequisites: ENGL 1302 or ENGL 2311

2314. Writing for the Professions. 3(3-0)

This course examines writing and communication in professional contexts. Students analyze and compose in workplace genres and examine the ways these genres fulfill audience expectations, communicate information verbally and visually, and function as responses to rhetorical situations common to the workplace. Prerequisite: ENGL 1302 or ENGL 2311.

2321. Genres and Themes 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. Prerequisites: 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. 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. 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. 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. Prerequisite: ENGL 1302.

3101. Jaguar Tracks III: English. 1(1-0)

The objective of ENGL 3101 is to help students investigate the historical profession. Students will discover their place within their own English major's disciplinary practices and values. Prerequisite: UNIV 2101 or 60 or more earned academic semester credit hours.

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 once when a different topic is scheduled. Prerequisite: ENGL 1302.

3302. Rhetoric and Materiality. 3(3-0)

This course examines the material aspects of human communication with an emphasis on the influence of media, environment and corporeality. Students in the course will use rhetorical frameworks of materiality to guide their analysis and production of text. Prerequisite: ENGL 2370

3303. Professional Editing. 3(3-0)

This course examines strategies and techniques used by professional editors across professions and disciplines. Students explore critical issues in editing and apply professional standards and ethical frameworks to edit a range of texts. Prerequisite: ENGL 2370

3312. Introduction to Rhetoric. 3(3-0)

This course introduces students to concepts, traditions, and debates in rhetorical theory and provides experience in the application of rhetoric in English studies as a discipline. Prerequisite: ENGL 2370

3315. Introduction to Critical Theory. 3(3-0)

This course introduces students to concepts, traditions, and debates in critical theory, and provides experience in the application of critical theory in English studies as a discipline. Prerequisite: ENGL 2370

3317. Grammar and Style. 3(3-0)

This course explores grammar in context. In addition to covering basic and advanced concepts of grammar, usage and punctuation, and techniques and practices for effective writing, this course also explores the ways in which grammar is used rhetorically by authors across contexts. Prerequisite: ENGL 2370

3320. Writing in 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, analytic 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 one of the following 2321, 2326, 2331, 2344, 2345, or 2346.

3325. Early Modern Literature. 3(3-0)

Selected readings in poetry, prose and non-Shakespearean dram of the 16th and 17th centuries. Prerequisite: 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 one of the following 2321, 2326, 2331, 2344, 2345, or 2346.

3331. Intersectional Shakespeare. 3(3-0)

In addition to introducing Shakespeare's major genres, this course invites students to consider Shakespeare's cultural status, to ask how social difference informs his works, and to study adaptations and appropriations of Shakespeare in diverse contexts Prerequisites: ENGL 2370 and one of the following 2321, 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 one of the following 2321, 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 one of the following 2321, 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 one of the following 2321, 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 one of the following 2321, 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 one of the following 2321, 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 one of the following 2321, 2326, 2331, 2344, 2345, or 2346.

4101. Jaguar Tracks IV: English. 1(1-0)

The focus of this course is discovering students' place in a professional field where the student will demonstrate knowledge of professional expectations and resources, demonstrate growth over their university experience, and become active members in their profession. Prerequisite: UNIV 3101 or ENGL 3101 or 90 or more earned academic semester credit hours.

4301. Advanced Technical Writing. 3(3-0)

This course supports students in developing both knowledge of any proficiency in a variety of technical writing genres. Students will pay particular attention to the ways technical writing genres fulfill audience expectations, employ usability standards, communicate information through both verbal and visual means, and fulfill ethical commitments, including commitments to environmental sustainability. Students will also gain hands-on experience writing in the genres in response to workplace scenarios. Prerequisite: ENGL 3312

4310. Introduction to Linguistics. 3(3-0)

An introduction to the scientific study of language. Prerequisite: ENGL 3331.

4312. Introduction to Composition Studies. 3(3-0)

Study of advanced research methods, writing, rhetoric, and grammar. Prerequisite: ENGL 3312

4330. Topics in Creative Writing. 3(3-0)

Develops students' theoretical knowledge and practical experience in using the techniques of creative writing. Prerequisites: ENGL 3312, 3315, or 3331

4340. Research Methods in Rhetoric and Writing. 3(3-0)

This course introduces students to research methodologies in the field of Rhetoric and Composition. Students examine the potential limitations of various research methods and develop and implement a research plan for their capstone project in the major. While taking the course, students will be implementing their research design in their internship or service learning experience. Prerequisite: ENGL 3312. Corequisite: ENGL 4341

4341. Internship. 3(3-0)

Students in this course engage in a pre-approved semester-long internship or service learning project with a community partner. Through this experience, students will enact the research designs developed in the ENGL 4340: Research Methods in Rhetoric and Writing while they also apply standards and ethical frameworks for their work with community partners. Findings from the work students complete during this course will provide the data for student's work in senior seminar. Prerequisite: ENGL 3312. Corequisite: ENGL 4340.

4342. Major Rhetoricians. 3(3-0)

This course examines the contributions of major figures in rhetorical history. The course may focus on one figure or may address a selected group of figures. Students will examine the figure(s) focused on in this course in the context of their cultural and historical milieu. In addition to examining the contributions of the rhetorician(s) focused on in this course, students will explore the implications of their work for rhetorical praxis. Prerequisite: ENGL 3312.

4343. Grant Writing. 3(3-0)

This course examines the genre of professional grant writing. Students will learn methods for researching, writing, editing, and designing effective grants. Students will also develop strategies for working with nonprofit organizations to identify needs, to research appropriate grant opportunities, and to compose and submit grant proposals to funding agencies. Prerequisite: ENGL 3312.

4344. Writing for the Web. 3(3-0)

This course examines genres and technologies associated with web-based writing and communication. Students will become familiar with the theories and practices of this writing across digital context that guides both the alphabetic and visual facets of these texts. Prerequisite: ENGL 3312.

4365. Colonial and 19th Century American Literature. 3(3-0)

Survey of the chief nineteenth century poets and prose writers, with some attention to their colonial predecessors. Prerequisite: 6 semester hours of sophomore English.

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 3312, 3315, or 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. Prerequisites: ENGL 3312, 3315, or 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 3312, 3315, or 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. Prerequisites: ENGL 3312, 3315, or 3331.

4388. Latinx Literature. 3(3-0)

This course examines Latinx writers including but not limited to those of Mexican, Cuban, Puerto Rican, Dominican, Indigenous, and Latin American descent in the United States. Can also encompass the literature of the Americas more broadly as well as the immigrant experience. Emphasis may be on a selected country of origin, period, genre, theoretical perspective, or issue. (the use of "x" in Latinx is a gender neutral term that replaces the "a/o" in Latina/o.) Prerequisite: ENGL 3312, 3315, or 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 3312, 3315, or 3331.

4395. 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 3312, 3315, or 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. Prerequisite: ENGL 4386, or 4388.

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 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. 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. Prerequisites: 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.

Fire and Emergency Services (FESA)**3101. Jaguar Tracks III - Applied Writing. 1(1-0)**

The focus of this course is discovering students' place in a disciplinary discussion where students will demonstrate knowledge of discipline-specific academic resources, develop major issues within the discipline, and become active members of the community within the discipline. This course will focus on specific writing topics such as preparing an executive summary, preparing a budget proposal and bid process, preparation of grant proposals and other management level writing topics. Prerequisite: UNIV 2101 or 60 or more earned academic semester credit hours.

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. Advanced Leadership for the Fire Officer. 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. Management of Fire Department Training Programs. 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 problems. 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.

3356. Business Continuity: Understanding Disaster Response and Recovery. 3(3-0)

The course covers business continuity planning, from an emergency response methodology used to create and validate a plan for maintaining continuous business operations before, during, and after disasters or disruptive events. It also covers disaster recovery, which is aimed at stopping the effects of disasters as quickly as possible, and addressing the immediate aftermath.

4101. Jaguar Tracks IV - Critical Thinking for Public Safety. 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: UNIV 3101 or FESA 3101 or 90 or more earned academic semester credit hours.

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. Advanced Management for Chief Fire Officers. 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 to 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).

4364. Intro to Cybersecurity for Public Safety. 3(3-0)

This course is an introduction to the field of Cybersecurity for those who are curious about it, and who want to be literate in the field. Learners will gain an overview of the Cybersecurity landscape including perspectives from both an international and national (USA) arenas along with a starter to the threat potential and the legal consequences. Students will be introduced how public safety can be impacted by cybersecurity attacks and other issues related to cybersecurity landscape.

Finance (FINC)**3310. Corporate Finance. 3(3-0)**

This course provides a foundation of financial management techniques. It will present conceptual and application-oriented approaches to financial management. Topics may include time value of money, valuation of stocks and bonds, risk and return, capital budgeting analysis, financial planning, capital structure, dividend policy, and other topics associated with managerial finance decisions. This course is intended for Finance majors only. Credit cannot be earned for both FINC 3310 and FINC 3337. Prerequisites: Admitted to the College of Business and BUAD 3301.

3321. Personal Financial Planning. 3(3-0)

This course provides the basics of proper money management for personal and family lives. Topics include budgeting, insurance, tax planning, investment, selecting financial advisors, estate planning, consumer credit and current trends in financial services. Prerequisite: BUAD 3301.

3328. Internship in Finance. 3(3-0)

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: FINC 3310 or equivalent.

3337. Business Finance. 3(3-0)

The objective of the course is to provide a basic understanding of why business entities and financial markets behave the way they do. The course will focus on three major aspects of finance: the financial system, corporate finance, and investments. Focusing on the practical aspects of business enterprise this course will provide guidelines to analyze problems and find solutions using the techniques, methods and procedures applied by financial professionals. This course is intended for non-Finance majors. Finance majors may not take FINC 3337 for credit. Credit cannot be earned for both FINC 3310 and FINC 3337. 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 and grade of C or better in ACCT 3302 or equivalent.

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: FINC 3310 or equivalent.

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: FINC 3310 or equivalent.

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: Grade C or better in FINC 3310.

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: Grade C or better in FINC 3310.

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: FINC 3310 or equivalent.

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: Grade of C or better in FINC 3310.

4351. Behavioral Finance. 3(3-0)

Behavioral finance introduces recent theories on cognitive biases, individual emotions and other psychological effects of decision making, exploring their applications in finance, investment, and management. Prerequisite: FINC 3310 or equivalent.

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. Financial 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 3310.

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.

4366. Entrepreneurial Finance. 3(3-0)

Financial issues affecting entrepreneurial investments associated with small or rapidly growing ventures. How investors and entrepreneurs create value. Strategic and business planning, financial forecasting, valuation, organizational design and financial contracting, and harvesting strategies. Prerequisite: FINC 3310 OR Equivalent.

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.

5150. Foundations of Finance. 1.5(1.5-0)

An introduction to the principles of finance for graduate students with limited background in finance or business. The course will 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.

5302. Foundations of 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. Formerly BUAD 5302.

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: ECON 5301 and FINC 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 and 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.

5360. Financial Derivatives. 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 5336.

5362. Corporate Valuation and 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.

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. Prerequisite: TSI Reading and Writing.

1303. World Geography. 3(3-0)

Study of major world regions with 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. Prerequisite: TSI Reading and Writing.

2390. Selected Topics - Geography. 3(3-0)

A course in geography in areas of specialization of the faculty, with emphasis on current developments. Specific topics will be changed from semester to semester, so a student may take the course for credit more than once. Prerequisite: permission of the instructor. Prerequisite: TSI Reading/Math.

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.

4390. Advanced Topics - Geography. 3(3-0)

A course in geography in areas of specialization of the faculty, with emphasis on current developments. Specific topics will be changed from semester to semester, so a student may take the course for credit more than once. (Maximum 6 hours). Prerequisites: Permission of the instructor.

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. Co-requisite: GEOL 1301. Prerequisite: TSI Reading and Writing.

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. Co-requisite: GEOL 1302. Prerequisite: TSI Reading and Writing.

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 it 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. Prerequisite: TSI Reading, Writing, and Math.

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. Prerequisite: TSI Reading, Writing, and Math.

2390. Selected Topics- Geology. 3(3-0)

A course in geology in areas of specialization of the faculty, with emphasis on current developments. Specific topics will be changed from semester to semester, so a student may take the course for credit more than once. Instructor approval required. Prerequisite: TSI Math, Reading, Writing.

4390. Advanced Topics- Geology. 3(3-0)

A course in geology in areas of specialization of the faculty, with emphasis on current developments. Specific topics will be changed from semester to semester, so a student may take the course for credit more than once. (Maximum 6 hours). Instructor approval required.

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. Prerequisite: TSI Reading/Writing

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. Prerequisite: TSI Reading/Writing.

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, the election process, public policy, and the political culture of Texas. Prerequisite: TSI Reading/Writing.

Healthcare Administration (HCSA)

3311. Principles of Healthcare Administration. 3(3-0)

An introduction to the principles of management and leadership as the foundations for the administration of health care products and service delivery. The evolution of management principles and practices are traced and the bases for healthcare administration are analyzed. Emphasis is on the management of global health care systems in technological societies and the need for innovation and creativity in health care administration. Must be taken in the first semester of enrollment.

3337. Financial Management of Healthcare Organizations. 3(3-0)

Students will learn financial decision-making techniques: i.e., planning, control, budgeting, time value of money, etc., used to meet a health care organization's goals and objectives to provide ongoing and quality services for its clientele.

3341. Healthcare Law and Policy. 3(3-0)

Students develop an understanding of the current laws, rules and regulations that impact health services organizations.

4321. Healthcare Information Systems. 3(3-0)

This course introduces students to the concepts and practices of health informatics. Topics include: a) an introduction to the health informatics field; b) major applications and commercial vendors; c) decision support methods and technologies; d) analysis, design, implementation, and evaluation of healthcare information systems; and e) new opportunities and emerging trends.

4322. Managed Care and Health Insurance. 3(3-0)

A comprehensive examination of the complex, dynamic, rapidly changing health care system in the United States. The health care system's major components and their characteristics are identified. Emphasis is on current problems in health care financing and delivery. Social, economic, and political forces that have shaped and continue to influence the system are traced. The health care system in the United States is compared with systems in industrialized and developing nations. Analysis covers current trends in health care and prospects for the future.

4323. Quality Management in Healthcare Organizations. 3(3-0)

An exploration of the technical, managerial, and organizational issues that are important in understanding and implementing quality management systems in health services organizations.

4325. Healthcare Ethics and Compliance. 3(3-0)

Students will develop an understanding of professional standards for health care administrators. They will also learn strategies for proactively managing an organization within the context of regulatory environment. Program capstone. Must be taken during the final semester.

History (HIST)**1301. US 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. Prerequisite: TSI Reading and Writing.

1302. US 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. Prerequisite: TSI Reading and Writing.

2301. Texas History. 3(3-0)

Spanish background, Anglo-American settlement, the Revolution and Republic and statehood; economic, cultural and political development. (Credit may not be obtained in both HIST 2301 and SWBS 2301.) Prerequisite: HIST 1301, HIST 1302.

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. Prerequisite: TSI Reading and Writing.

2322. World Civilizations II. 3(3-0)

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. This course emphasizes the development, interaction and impact of global exchange. Prerequisite: TSI Reading and Writing.

3101. Jaguar Tracks III: History. 1(1-0)

Development course for upper-level History majors. Prerequisite: UNIV 2101 or 60 or more earned academic semester credit hours.

3301. Introduction to Historical Analysis. 3(3-0)

Survey of historiographical literature in selected subject areas; overview of the paradigms and approaches that guide research into and writing about the past. Prerequisites: HIST 1301 and HIST 1302

3311. History of the Spanish Borderlands. 3(3-0)

Examination of the history of the Spanish empire in the present-day parts of the United States. Prerequisites: HIST 1301 and HIST 1302.

3312. Native American History. 3(3-0)

Survey of Native American history in North America, from prehistoric times to the present. Prerequisites: HIST 1301 and HIST 1302.

3313. Islamic World I. 3(3-0)

Examination of the history of the Islamic World from its origins in the 7th Century CE to 1500 CE. Prerequisites: HIST 2321 and HIST 2322.

3314. Islamic World II. 3(3-0)

Examination of the history of the Islamic World from 1500 CE to the present. Prerequisites: HIST 2331 and HIST 2322.

3348. Mexican American History, 1848 to present. 3(3-0)

Examination of the experience of Mexican Americans since the Treaty of Guadalupe Hidalgo to the present day. Prerequisite: HIST 1301 and HIST 1302.

4101. Jaguar Tracks IV: History. 1(1-0)

Capstone development course for upper-level History majors. Prerequisite: UNIV 3101 or HIST 3101 or 90 or more earned academic semester credit hours.

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: HIST 3301

4311. Crusading in Medieval Europe. 3(3-0)

This is a social and cultural history of medieval Europe during the time of the crusades. Prerequisites: HIST 1301, HIST 1302, HIST 2321, and HIST 2322.

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.

4313. Heretics and Witches. 3(3-0)

This course introduces students to heresy and witchcraft in medieval and early modern Europe. Prerequisites: HIST 1301, HIST 1302, HIST 2321, and 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. Prerequisite: HIST 2321 or HIST 2322.

4316. Europe 1815 to 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. Prerequisite: HIST 2321 or HIST 2322.

4317. Nazi Germany. 3(3-0)

Origins, history, and development of the National Socialist German Worker's Party in the period between 1920 and 1945. Prerequisite: HIST 1301 and 1302.

4318. Europe Since 1914. 3(3-0)

Political, social and economic developments in Europe from World War I to the present. Prerequisite: 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. Prerequisite: HIST 1301 and HIST 1302.

4330. Colonial America. 3(3-0)

English colonization, Anglo-Indian relations, the emergence of slavery, Puritanism, ending with the French & Indian War. Prerequisite: 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. Prerequisite: HIST 1301 and HIST 1302.

4334. The Civil War and Reconstruction. 3(3-0)

Secession, formation of the Confederacy, military campaigns and Reconstruction. Prerequisite: HIST 1301 and HIST 1302.

4335. Gilded Age and Progressive Era, 1877-1920. 3(3-0)

Industrial revolution, labor-business struggles, rise of Jim Crow, urbanization, immigration, Populism, Progressivism, World War One. Prerequisite: 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. Prerequisite: HIST 1301 and HIST 1302.

4338. 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. Prerequisite: HIST 1301 and HIST 1302.

4340. U.S. Social and Cultural History. 3(3-0)

The development of American society and culture with emphasis on religious trends, ethnic groups and the family. Prerequisite: HIST 1301 and HIST 1302.

4342. U.S. Foreign Policy. 3(3-0)

American foreign relations from the Revolution to the present with emphasis on the 20th century. Prerequisite: HIST 1301 and HIST 1302.

4347. The American West. 3(3-0)

An examination of the history of the American West from pre-contact to the present. (Credit may not be obtained in both HIST 4347 and SWBS 4347.) Prerequisites: HIST 1301 and HIST 1302.

4351. Latin America I: Colonial Era. 3(3-0)

Historical background of early Latin America from pre-Columbian times to the 19th century. Prerequisite: HIST 1321 or HIST 2322.

4352. Latin America II: Modern Era. 3(3-0)

Historical background of contemporary Latin America. Prerequisite: 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. (Credit may not be obtained in both HIST 4356 and SWBS 4356.) Prerequisite: HIST 1301 and HIST 1302.

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. Prerequisite: 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.) Prerequisite: 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. Prerequisite: 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 and 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 HIST 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 once for credit as the topic changes. Prerequisite: HIST 2321 and HIST 2322.

4380. Crucial Topics in U.S. 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 once for credit as topic changes. (Credit may not be obtained in both HIST 4380 and SWBS 4380). Prerequisite: HIST 1301 and HIST 1302.

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 once for credit as the topic changes. (Credit may not be obtained in both HIST 4392 and SWBS 4392.) Prerequisite: HIST 2321 and 2322.

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 once 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)**1014. College Algebra Recitation. 0(0-1)**

This mathematics recitation course has been designed to supplement MATH 1314: College Algebra. Recitation time is designed to give college algebra students extra time, help, and instruction that is valuable for success in the course. Must be enrolled in corresponding MATH 1314 section. Prerequisites: Evidence of math equivalent to high school Algebra II (grade of 'C' or higher) or placement. TSI Mathematics. Corequisite: MATH 1314.

1024. Mathematics for Business and Social Sciences I Recitation. 0(0-1)

This mathematics recitation course has been designed to supplement MATH 1324: Mathematics for Business and Social Sciences I. Recitation time is designed to give Mathematics for Business and Social Sciences I students extra time, help, and instruction that is valuable for success in the course. Must be enrolled in corresponding MATH 1324 section. Prerequisites: Evidence of math equivalent to high school Algebra II (grade of 'C' or higher) or placement. TSI Mathematics. Corequisite: MATH 1324.

1025. Mathematics for Business and Social Sciences II Recitation. 0(0-1)

This mathematics recitation course has been designed to supplement MATH 1325: Mathematics for Business and Social Sciences II. Recitation time is designed to give Mathematics for Business and Social Sciences II students extra time, help, and instruction that is valuable for success in the course. Must be enrolled in corresponding MATH 1325 section. Prerequisite: MATH 1314, MATH 1324, or equivalent, (with grade of 'C' or better), or department approval. Corequisite: MATH 1325.

1042. Introductory Statistics Recitation. 0(0-1)

This mathematics recitation course has been designed to supplement MATH 1342: Introductory Statistics. Recitation time is designed to give Introductory Statistics students extra time, help, and instruction that is valuable for success in the course. Must be enrolled in corresponding MATH 1342 section. Corequisite: MATH 1342. TSI Requirement: 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. TSI Math. Corequisite: MATH 1014.

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. Prerequisite: Math 1314 with a minimum grade of "C" or equivalent as approved by department. TSI MATH.

1324. Mathematics for Business and Social Sciences I. 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” of higher) or placement. TSI Math. Corequisite: MATH 1024.

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. 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. Corequisite: MATH 1025.

1332. Contemporary Mathematics I. 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. TSI Requirement Math.

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. TSI requirement: Math. Corequisite: MATH 1042.

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. Prerequisites: MATH 1314 College Algebra or 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 student who seek middle grade (4 through 8) teacher certification. Prerequisites: MATH 1350 with a grade of “C” or higher or equivalent.

2113. Calculus I Lab. 1(0-1)

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 or equivalent or permission of department. Corequisite: MATH 2313.

2114. Calculus II Lab. 1(0-1)

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 Calculus I and MATH 2113 both with a grade of “C” or higher or equivalent or permission of department. Corequisite: MATH 2314.

2190. Topics in Mathematics. 1(1-0)

Different topics in mathematics will be covered at varying times. May be repeated for credit with consent of the department. Prerequisites: MATH 1314 or MATH 1324 with a grade of 'C' or higher, or consent of the instructor.

2290. Topics in Mathematics. 2(2-0)

Different topics in mathematics will be covered at varying times. May be repeated for credit with consent of the department. Prerequisites: MATH 1314 or MATH 1324 with a grade of 'C' or higher, or consent of the instructor.

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 address 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. This 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. Must be taken concurrently with MATH 2113. Prerequisite: MATH 2312 Pre-Calculus with a grade of 'C' or higher, or equivalent or permission of department. Corequisite: MATH 2113.

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. Must be taken concurrently with MATH 2114. Prerequisite: MATH 2313 Calculus I and MATH 2113 both with a grade of 'C' or higher, or equivalent or permission by department. Corequisite: MATH 2114.

2390. Topics in Mathematics. 3(3-0)

Different topics in mathematics will be covered at varying times. May be repeated for credit with consent of the department. Prerequisites: MATH 1314 or MATH 1324 with a grade of "C" or higher, or consent of the instructor.

2490. Topics in Mathematics. 4(3-3)

Different topics in mathematics will be covered at varying times. May be repeated for credit with consent of the department. Prerequisites: MATH 1314 or MATH 1324 with a grade of 'C' or higher, or consent of the instructor.

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 hypotheses 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); all prerequisites require a grade of "C" or higher.

3321. Applied Partial Differential Equations. 3(3-0)

This course provides an introduction to the basic concepts and widely used techniques of partial differential equations (PDEs) that are frequently used by applied scientists and engineers, et al. Topics covered include: PDEs and boundary value problems, waves and diffusions, Fourier series, the Laplace equation, the heat equation, harmonic functions, Green identities and Green functions, vibrations of continuous systems, the potential equation and spectral methods for eigenvalue problems. Prerequisites: MATH 3415 Calculus III and MATH 3320 Differential equations with a grade of "C" or higher.

3325. 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); all prerequisites require 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. MATH 2313 and MATH 2113 (or MATH 2413); all prerequisites require 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; all prerequisites require a grade of "C" or higher.

3371. Problem Solving with Computers. 3(3-0)

Introduction to computational mathematics with a focus on strategies for solving problems using Computer Algebra Systems in various applications. Prerequisite: MATH 2313 (taken with MATH 2113 Calculus I Lab) or MATH 1325 with a grade of "C" or higher.

3372. Mathematical Biology. 3(3-0)

Students will investigate mathematical biology models such as population growth for single species and multiple species, infectious disease dynamics models, biochemical enzyme reactions, and biological oscillations. Appropriate mathematical techniques are applied to analyze the models and obtain solutions. Model improvements will also be evaluated for more practical modeling effects. Prerequisites: MATH 2313 Calculus I (taken with MATH 2113 Calculus Lab) or MATH 2413 or Math 1325 Mathematics for Business and Social Sciences II, with a grade of "C" or higher.

3373. Mathematical Physiology. 3(3-0)

This course introduces mathematical physiology models that describe various important functioning principles of human organs. Appropriate variables are included to capture the factors of interest. Students will study variables that are significant in maintaining a healthy physiological process and apply models to predict future pathological processes. Prerequisite: MATH 3372 Mathematical Biology.

3415. Calculus III. 4(4-0)

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); all prerequisites require 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); all prerequisites require 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 the following: MATH 3415, MATH 3370, MATH 3340, MATH 4340; Grade of "C" or higher for prerequisites.

4325. Topology. 3(3-0)

This course provides an introduction to the basic concepts and techniques of point set topology that are frequently used by scientists, physicists, and engineers etc. Topics covered include: metric spaces, topological spaces, and continuous real-valued functions. Prerequisites: MATH 3325 and MATH 3415 both with a grade of "C" or higher.

4330. Number Theory. 3(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 the following: MATH 3415, MATH 3370, MATH 3340, MATH 4341; all prerequisites require 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 the following: MATH 3415, MATH 3325, MATH 3340, MATH 3370, MATH 4321, MATH 4330; all prerequisites require a grade of "C" or higher.

4350. Probability. 3(3-0)

Sample spaces, combinatorics, independence, conditional probability and Bayes' rule. Discrete and continuous probability distributions, Chebychev's inequality and limit theorems. Prerequisite: MATH 3415 or consent of the 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. Some topics include vector operations, vector fields of motion in polar coordinates, and perspectives of generalized differential operators. Prerequisites: MATH 3415 with a grade of "C" or higher and MATH 3320 or equivalent.

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 the instructor.

4375. Applied Complex Analysis. 3(3-0)

This course provides an introduction to the basic concepts and techniques of complex analysis that are frequently used by scientists, physicists, and engineers. Topics covered include: complex numbers, analytic and harmonic functions, Cauchy's integral theorem, Taylor and Laurent expansions, Cauchy's residue theorem, and conformal mappings. Prerequisite: MATH 3415 with a grade of 'C' or higher. MATH 3320 and MATH 3360 recommended.

4380. Undergraduate Research in Mathematics. 3(3-0)

Opportunities for advanced students to conduct research at an advanced undergraduate 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 with a grade of 'C' or higher or consent of the department head.

4390. Advanced Topics in Mathematics. 3(3-0)

Different advanced topics will be covered at varying times, May be repeated for credit with consent of the instructor. Prerequisite: Nine hours of advanced mathematics to include MATH 3325 with a grade of "C" or higher.

4490. Advanced Topics in Mathematics. 4(3-3)

Different advanced topics will be covered at varying times, may be repeated for credit with consent of the instructor. Prerequisite: Nine hours of advanced mathematics to include MATH 3325 with a grade of 'C' or higher.

Management (MGMT)**3128. Internship in Management. 3(3-0)**

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.

3160. Teamwork. 1(1-0)

This is a 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.

3228. Internship in Management. 2(2-0)

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.

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 and 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 U.S. 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 study 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 govern 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. 3(3-0)

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.

3370. Entrepreneurship: Foundations of Business Startup. 3(3-0)

This course will introduce students to the concept of entrepreneurship. Among the major topics in this class, we will discuss what is needed to start a business including local, state and federal regulatory requirements that every entrepreneur needs to know in order to open a business. This class will also include topics regarding capital acquisition, and legal structures of a small business. Other topics include various managerial activities, decision-making and strategy making, corporate social responsibility, ethics, diversity, and human resource management.

3371. Entrepreneurship: Fundamentals of Small Bus Management. 3(3-0)

This course will introduce students to the concept of organizational management and the unique challenges of managing the small or startup business. Among the major topics in this class, we will discuss the process of management, the various managerial activities, strategy and decision-making human behavior and motivation theories, ethics, globalization, diversity, teams, crisis management, human resource management, managing growth and expansion, the unique management challenges of family businesses, and succession issues and planning.

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.

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.

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 and 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 and 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. Prerequisite: 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 and 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. Sustainability and globalization topics are integrated. Prerequisite: MGMT 3320.

4331. International 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 and 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 and 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.

4347. Human Resources Information Systems Management (HRIS). 3(3-0)

Among the most significant changes in the field of human resources management (HR) in the past decade has been the growing use of information technology. This course surveys the integration of Human Resource Management (HRM) and Information Systems technology. The course reviews the evolution of Human Resource Information Systems (HRIS), and examines the HRM role in information technology management. Students will assess information systems needs, identify HRIS applications, and plan for system implementation and acceptance for the enterprise.

4348. Talent Management. 3(3-0)

This course prepares students to take a strategic and modern approach to the identification, attraction, selection, deployment, and retention of talent. The course demonstrates how organizations can develop a staffing strategy, leverages staffing technology, and evaluates and improves staffing systems. 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 B.B.A. program.

4371. Entrepreneurship: Business Plan Development. 3(3-0)

This course will provide students with an opportunity to apply business knowledge to develop a start-up business plan. Prerequisites: Senior level standing and MGMT 3370

4372. Entrepreneurship: Creativity and Innovation. 3(3-0)

The course will focus on the importance of creativity and innovation in business organizations. Topics include methods to generate creative ideas, applying innovation process(es) models to turn ideas into commercially viable products/services, legal and financial issues to address means to help assure business success. Course objectives are met through classroom discussion and applied exercises. Prerequisite MGMT 3311 or MGMT 3370, or departmental approval.

4379. Entrepreneurship: Special Topics in Entrepreneurship. 3(3-0)

This course will go more in-depth in special topics in Entrepreneurship. Topics covered in this class will include: capital acquisition, legal structures of a small business, negotiation skills, accessing Governmental Resources for entrepreneurial and small business success, Government Contracting Issues, "Family Business" issues, Human Capital and Human Resource Issues for new and small businesses, and Partnership Issues in Business.

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.

5135. Advanced Business Policy II. 1(1-0)

Domestic and international strategic planning using case studies and simulation. Prerequisite: MGMT 5235. Must be taken during the final semester of MBA program.

5150. Foundations of Management. 1.5(1.5-0)

An introduction to the principles of management for graduate students with limited background in management or business. The course will include the study of organizations and the people within them. In addition, topics central to the management of efficient business processes and operations will be examined.

5235. Advanced Business Policy I. 2(2-0)

Domestic and international strategic planning using case studies and simulation. Prerequisite: Final semester of graduate study. Must be taken during the last semester of MBA program.

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: ECON 5301 and FINC 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. Prerequisites: ECON 5301 and FINC 5302

5324. Total Quality and 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: ECON 5301 and FINC 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: ECON 5301 and FINC 5302.

5329. Special Problems in Management. 3(3-0)

Special studies or internship in management. May be repeated once for credit. Prerequisites: ECON 5301 and FINC 5302.

5330. Purchasing and 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: ECON 5301 and FINC 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: ECON 5301 and FINC 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 computer based approaches. Prerequisite: ECON 5301 and FINC 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: ECON 5301 and FINC 5302.

5342. Negotiation and Conflict Resolution. 3(3-0)

The purpose of this course is to understand the theory and processes of dispute resolution. Negotiation is the art and science of securing agreements between two or more parties who are interdependent and who are seeking to maximize their own outcomes. The central issues of this course deal with understanding the behavior of individuals, groups and organizations in the context of competitive and cooperative situations. This course allows students to gain and develop negotiations skills through experiential learning and provides extensive feedback to improve participants' ability to discover optimal solutions to problems. Prerequisites: ECON 5301 and FINC 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: ECON 5301 and FINC 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: ECON 5301 and FINC 5302.

5346. Seminar in Human Management. 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: ECON 5301 and FINC 5302.

5349. International Trade Policy. 3(3-0)

The global trade system has evolved into agreements between national and regional trade partners. This course deals with the importing and exporting in relation to free trade policy (including institutions, free trade agreements, dispute resolution, etc.) and how these affect normal commerce and trade flows. Prerequisites: ECON 5301 and FINC 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: ECON 5301 and FINC 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: ECON 5301 and FINC 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: ECON 5301 and FINC 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: ECON 5301 and FINC 5302.

5361. Healthcare Management and 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: ECON 5301 and FINC 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: ECON 5301 and FINC 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. Prerequisites: ECON 5301 and FINC 5302.

5364. Public Health and 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: ECON 5301 and FINC 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

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. Prerequisite: MKTG 3311.

3343. Digital Marketing. 3(3-0)

This class will give students the theoretical understanding of the dynamic internet marketplace necessary to adopt 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. Computer literacy expected. Prerequisite: MKTG 3311. 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.

3361. Brand Management. 3(3-0)

This course is designed to provide an understanding of how to manage a brand, with a focus on understanding the concepts underlying brands and branding. The main goal of this course is to give students a fundamental understanding of how to build, measure, and manage a brand. Prerequisite: MKTG 3311 and Successful completion of the business prerequisites.

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.

3363. Social Media Marketing. 3(3-0)

This course is designed to help students understand how marketing has (and has not) changed due to the rise of social media and changes in various underlying contextual factors, such as dramatically increased speed of information dissemination across consumers and brands. The overarching goal is to obtain a clear perspective on what's really going on in digital/social/mobile marketing so that students can begin to appreciate its true value to consumers, to managers, and to other corporate stakeholders. Prerequisites: MKTG 3311 and Successful completion of the business prerequisites. .

3364. Promotional Strategy. 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. Prerequisite: 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 and 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 MGMT 4314 Formerly MKTG 3314. Prerequisite: MKTG 3311 and admitted in to the college of Business.

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.

5150. Foundations of Marketing. 1.5(1.5-0)

An introduction to the principles of marketing for graduate students with limited background in marketing or business. The course will include the study of marketing goods and services by organizations and individuals in a free enterprise economy.

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. Prerequisites: ECON 5301 and FINC 5302

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: ECON 5301 and FINC 5302.

5356. Integrated Marketing Communication. 3(3-0)

To familiarize students with the various methods of marketing communication in an effort to develop a comprehensive, relevant brand image. Prerequisites: ECON 5301 and FINC 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: ECON 5301 and FINC 5302.

5361. Seminar in Marketing. 3(3-0)

Marketing theory and strategy emphasizing the utilization of marketing concepts in the organization. Prerequisites: ECON 5301 and FINC 5302

5362. Applied Buyer Behavior. 3(3-0)

This course will provide an understanding of how and why consumers think the way they think and choose the way they choose in the market place. Such understanding of consumers' decision-making process and post-decision satisfaction will help business professions to effectively market their products or brands to consumers. Prerequisite: MKTG 5361.

5364. Marketing Research. 3(3-0)

This course teaches marketing research methods which are instrumental in the formulation and solution of marketing problems. The student will acquire skills in conducting and evaluating marketing research projects, especially on problem formulation, research design, various methods of data collection (such as data collection instruments, sampling, and field operations), and data analysis techniques. Applications of modern marketing research methods to a variety of marketing problems are explored. Prerequisite: MKTG 5361.

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(0-2)**

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(0-2)

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. TSI requirement: Reading and Writing.

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(0-2)

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(0-2)

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(0-2)

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(0-2)

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(0-2)

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(0-2)

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.

4003. Practical Leadership Lab. 0(0-2)

This course consists of performance-oriented instruction and preparation for commissioning. Under the guidance of the professor of Military Science, 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 MSCI 4002. Consent of instructor. Co-requisite: MSCI 4303.

4301. Seminar in Leadership and Management and Lab. 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. Seminar in Leadership and Management and Lab. 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 a military career, improve quality of life, as well as developing one's physical and mental health.

Music (MUSI)

1303. Fundamentals of Music. 3(3-0)

Introduction to the basic elements of music theory for non-music majors: scales, intervals, keys, triads, elementary ear training, keyboard harmony, notation, meter, and rhythm. Prerequisites: TSI Reading/Writing.

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. Prerequisite: TSI Reading and Writing.

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. Prerequisite: TSI Reading/Writing.

2306. Introduction to Ethics. 3(3-0)

The systematic evaluation of classical and/or contemporary ethical theories concerning the good life, human conduct in society, morals, and standards of value. Prerequisites: TSI Reading/Writing.

Physics (PHYS)

1101. General Physics Laboratory I. 1(0-1)

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. Co-requisite: PHYS 1301. Prerequisite: TSI Reading/Writing/Math.

1102. General Physics Laboratory II. 1(0-1)

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. Co-requisite: PHYS 1302. Prerequisite: TSI Reading/Writing/Math.

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 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 II. 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 one of the following: MATH 1314 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. Prerequisite: TSI Reading/Writing/Math. Co-requisite: PHYS 2325.

2126. University Physics Laboratory II. 1(1-0)

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. Prerequisite: TSI Reading/Writing/Math. Co-requisite: 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 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. Prerequisites: 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 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 2325 and MATH 2314

2390. Selected Topics- Physics. 3(3-0)

A course in physics in areas of specialization of the faculty, with emphasis on current developments. Specific topics will be changed from semester to semester, so a student may take the course for credit more than once (maximum 6 hours). Instructor approval required.

4390. Advanced Topics- Physics. 3(3-0)

A course in physics in areas of specialization of the faculty, with emphasis on current developments. Specific topics will be changed from semester to semester, so a student may take the course for credit more than once (maximum 6 hours). Instructor approval required. Instructor approval required.

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. Prerequisite: GOVT 2305 and GOVT 2306.

3311. The Congress. 3(3-0)

An examination of the Congress, from formal organization, member recruitment, and theories of representation, to Congressional reform, policy-making, and interbranch relationships. Prerequisites: GOVT 2305 and GOVT 2306.

3312. The Executive. 3(3-0)

This course will cover the presidency, its constitutional basis, structure, powers, functions, and responsibilities. Prerequisites: GOVT 2305 and GOVT 2306.

3313. The Judiciary. 3(3-0)

This course will focus on the judicial system of the United States in terms of structure, function, and process. Both the federal and state levels of the judiciary will be studied, both in terms of how they operate individually and how they interact. Prerequisites: GOVT 2305 and GOVT 2306.

3315. Water Laws, Rules and Policy. 3(3-0)

This course provides an introduction to local, state, and federal rules and regulations relevant to water as a resource. Laws, rules, and policies governing water as a resource will be reviewed and evaluated, including the Clean Water Act, Endangered Species Act, and National Environmental Policy Act. Students will examine federal, state and local approaches to water allocation, pollution control, and resource management on private and public lands, and for diverse water sources. Students will explore the challenges of water management, and discuss alternative strategies for achieving sustainability, including the roles of science, sanctions, economic incentives, opinion, and other influences.

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: GOVT 2305 and GOVT 2306.

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.

4320. Terrorism and Political Violence. 3(3-0)

Covers the relevant analytical frameworks, theories, and cases concerning terrorism, insurgency, and related forms of political violence. 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. (Credit may not be obtained in both POLS 4331 and CRIM 4331.) 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. 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. 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. 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.

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 U.S. 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 once for credit when the topic of study changes. Prerequisites: GOVT 2305 and GOVT 2306.

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: GOVT 2305 and GOVT 2306 and consent of the instructor.

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 degrees. Topics may also include scientific method, research, reading scientific articles, ethics, critical thinking, TAMU-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. Prerequisites: TSI Reading/Writing.

2314. Lifespan Growth and Development. 3(3-0)

An introduction to human development through the lifespan. Physiological, Cognitive, and socioemotional aspects of development from birth through late adulthood are covered, and will focus on the developmental issues required by health professions. This class may not be taken by psychology majors. Prerequisites: PSYC 2301

2315. Psychology of Adjustment. 3(3-0)

Adjustment problems of normal people. Principles of healthy psychological functioning in relation to family, peers, career, community, and culture. Prerequisite: PSYC 2301.

2325. 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: PSYC 2301. TSI Reading and Writing.

2385. Writing in Psychology. 3(3-0)

This course teaches fundamentals of scientific writing in psychology, including literature reviews, research reports, and other forms of written communication in the field. All work products will adhere to the American Psychological Association (APA) format and style. Students will gain extensive experience in writing, revision, and editing. The goal of the course is to promote proficiency of writing and critical thinking skills through analysis of exemplary writing and evaluation of their own and others' writing. Prerequisites: PSYC 2301, PSYC 2202, ENGL 1301, ENGL 2311. Corequisite: PSYC 2388. TSI Reading and Writing.

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. Prerequisite: PSYC 2301 with a minimum grade of C, and MATH 1314. Corequisite: PSYC 2385

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. Psychology of Learning. 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. Prerequisite: PSYC 2301 and PSYC 2388.

3315. 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. Formerly PSYC 2350 Prerequisites: 9 hours of social science and PSYC 2301.

3316. 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 2388 or BIOL 2411

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 WMST 3321 or 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. Prerequisite: PSYC 2301 and PSYC 2388.

3360. Industrial/Organizational Psychology. 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. Former Title : Psychology of Work. Prerequisite: PSYC 2301.

3365. Psychology of Personality. 3(3-0)

An examination of major personality theories and 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(4-0)

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. Prerequisite: PSYC 2301, minimum Grade of C in PSYC 2388, and MATH 1314. Corequisite: PSYC 3088.

4155. Internship in Psychology. 1(1-0)

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. Pre-requisites: 2.5 GPA, Psychology faculty approval following application process.

4255. Internship in Psychology. 2(2-0)

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. Pre-requisites: 2.5 GPA, Psychology faculty approval following application process.

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. Prerequisite: 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. Prerequisites: PSYC 2301 and PSYC 2388. Prerequisite or corequisite: 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. Prerequisite: PSYC 2301, PSYC 3327, PSYC 3488.

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: PSYC 2301 and instructor permission

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. Prerequisite: 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. Prerequisite: PSYC 2301 and prerequisite or corequisite: PSYC 3488 or BIOL 2411.

4333. History and System of Psychology. 3(3-0)

Important historical antecedents and contemporary psychological systems. An exit course that integrates diverse material encountered in the discipline. Prerequisite: PSYC 2301 and PSYC 3488.

4335. Introduction 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. Prerequisite: 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 post deployment 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. Prerequisite: PSYC 2301 and PSYC 3488.

4351. Directed Research in Psychology. 3(3-0)

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. Variable credit for a total of 6 maximum. Prerequisites: PSYC 2301 and PSYC 2388. Prerequisite or corequisite: 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. Prerequisite: 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. Prerequisite: PSYC 2301, 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 became a specialized field of study in the 1960's 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 U.S. 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, PSYC 3488, and PSYC 3088.

Radio, Television and Film (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. Prerequisite: SPCH 1315, COMM 1335, COMM 2300

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. Prerequisite: SPCH 1315, COMM 1335, COMM 2300.

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. Prerequisite: SPCH 1315, COMM 1335, COMM 2300.

2323. Radio Industry in the Digital Age. 3(3-0)

The course highlights organizational, technological, and ethical issues facing the radio industry today in our modern digital media world. The study also includes current principles and practices of radio programming, marketing and sales, promotions, radio management for commercial and public radio, and current digital audio platforms such as Internet radio. Prerequisite: SPCH 1315, COMM 1335, COMM 2300.

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. Prerequisite: SPCH 1315; COMM 1335.

3301. Fundamentals of Radio Production. 3(2-3)

Theories and practices of basic radio production. Course focuses on basic theories of audio and attributes of sound, audio board operations (both broadcast and production), radio production formats, microphones, analog and digital recording and playback equipment, and other broadcast

studio standards. Students are required to be available for production and laboratory time beyond scheduled class time. Prerequisite: SPCH 1315, COMM 1335, COMM 2300, COMM 2309.

3303. Multi-Camera TV 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 principles of multiple production and technical positions that are used for a program produced for live and live-to tape multi-camera production. Prerequisite: SPCH 1315, COMM 1335, COMM 2300, COMM 2309.

3305. Radio Reporting and Production. 3(2-3)

This course focuses on the theories and practices of radio journalism and will introduce students to the basic skills of reporting and producing radio news. A wide variety of projects are intended to develop a student's ability to produce, conceive and write radio newscasts, news wraps, and other radio news pieces of various lengths, including live spot reports and breaking news stories. Prerequisite: SPCH 1315, COMM 1335, COMM 2300, COMM 2309.

3307. Single Camera TV 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. Prerequisite: SPCH 1315, COMM 1335, COMM 2300, COMM 2309.

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-camera production 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. Prerequisite: SPCH 1315, COMM 1335.

3311. Voice Performance for the Radio and Digital Audio. 3(3-0)

This course focuses on theories and practices of multiple radio announcing formats. Course includes analyzing, scripting and performing the following: dramatic productions, various DJ formats, news, commercial, and noncommercial spot reads. Content includes audio applications ranging from traditional AM and FM radio to current digital platforms such as Internet radio, radio websites and podcasts. Prerequisite: SPCH 1315, COMM 1335, COMM 2300, COMM 2309.

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. Prerequisite: SPCH 1315, COMM 1335, COMM 2300, COMM 2309.

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. Prerequisite: SPCH 1315, COMM 1335, COMM 2300, COMM 2309.

3317. Television Sports Reporting and Production. 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 enterprise reporting. Prerequisite: SPCH 1315, COMM 1335, COMM 2300, COMM 2309.

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. Prerequisite: SPCH 1315, COMM 1335, COMM 2300, COMM 2309.

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. Prerequisite: SPCH 1315, COMM 1335, COMM 2300, COMM 2309.

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. Prerequisite: SPCH 1315, COMM 1335, COMM 2300, COMM 2309, RTVF 4303.

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, RTVF 3303.

4307. Advanced Digital Audio Production. 3(2-3)

Students will further develop and apply the recording skills and knowledge introduced in Fundamentals of Radio Production. More advanced techniques and methods will be studied and practiced, including use of signal processing, routing, mixing and mastering. Prerequisite: SPCH 1315, COMM 1335, COMM 2300, COMM 2309, RTVF 4301.

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. Prerequisite: SPCH 1315, COMM 1335.

4311. Radio Magazine Production. 3(2-3)

Through the application and theories of audio production and contemporary radio programming, students conceptualize and produce a broad array of magazine programs reflecting the various formats of today's diverse radio market. Combining hands-on practical exercises, in-field production work, and critical listening projects, students gain competency in the many areas related to the production of short- and long-form radio magazines. Prerequisite: SPCH 1315, COMM 1335, COMM 2300, COMM 2309, RTVF 3311.

Sociology (SOCL)**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. This course meets the standards for the "Social and Behavioral Science" category of courses under the core curriculum. Required for all sociology majors, minors and BAAS degrees with a concentration in sociology. Prerequisites: TSI Reading/Writing.

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. This course meets the standards for the "Social and Behavioral Sciences" category of courses under the core curriculum. Required for all sociology majors, minors and for BAAS degrees with a concentration in sociology. Prerequisites: TSI Reading/Writing.

2330. 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 with a sociology concentration. Prerequisites: ENGL 1301, SOCL 1301, and SOCL 1306. Credit may not be obtained in both SOCL 2330 and SOCL 3303 or SOCL 2330 and SOCL 2301.

2356. Gender and 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: SOCL 1301 or ENGL 1302. Credit may not be obtained in both SOCL 2356 and SOCL 3363. Credit may not be obtained in both SOCL 2356 and WGST 2356.

2361. Introduction to Mexican American, Latinx and 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. TSI Restrictions: Reading and Writing.

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 SOCL 3302 and CRIM 3302.) Prerequisites: SOCL 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 with sociology concentration. Prerequisite: SOCL 2330. Credit may not be obtained in both SOCL 3310 and SOCL 4383.

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 SOCL 3311 and SOCL 3301. Prerequisites: SOCL 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 with a sociology concentration. Prerequisite: SOCL 3310. Credit may not be obtained in both SOCL 3320 and SOCL 4382.

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 SOCL 3322 and CRIM 3322.) Prerequisite: SOCL 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 degrees with a sociology concentration. Prerequisites: SOCL 3310 and any one of the following: MATH 1314, MATH 1324, MATH 1332 or MATH 1342. Credit may not be obtained in both SOCL 3330 and SOCL 3381.

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. Prerequisite: SOCI 1301 or ENGL 1302.

3350. Myths and Realities of 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. Prerequisites: SOCI 1301 or ENGL 1302. Credit may not be obtained in both SOCI 3350 and SOCI 4307. Credit may not be obtained in both SOCI 3350 and WGST 3350.

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. Prerequisites: SOCI 1301 or both ENGL 1301 and 1302. Credit may not be obtained in both SOCI 3360 and SOCI 4312. Credit may not be obtained in both SOCI 3360 and WGST 3360.

3361. Mexican Americans: Identity, Movements, and Social Justice. 3(3-0)

This course focuses on Mexican Americans in the United States and the intersections between identity and social movements that have occurred throughout history in their push for civil, political, and human rights within the realms of citizenship, immigration, economic exploitation, environmental justice, and women's rights. Prerequisite: ENGL 1302 or SOCI 1301.

3362. Immigration, National Politics, and Nationalism. 3(3-0)

This course examines historical and contemporary diasporas to the United States, with a primary focus on Latinas/os, and the racial/ethnic, sociopolitical, and economic intersections when debating the politics of inclusion/exclusion in a nation. Prerequisite: SOCI 1301 or ENGL 1302.

3364. Sociology of Religion. 3(3-0)

This course has been offered as a selected topic for three years and continues to be very highly attended. Religion is a major social institution and sociology of religion is a very active sub-discipline. 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. Credit may not be obtained in both SOCI 3365 and SOCI 3332. 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. Prerequisite: 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.

4325. Sociology of Corrections. 3(3-0)

Overview of social, psychological, cultural, sociological and political factors related to the correctional enterprise. Includes treatment of the context of corrections, correctional practices, correctional issues, correctional institutions and correctional perspectives. May include field trips to correctional institutions. (Credit may not be obtained in both SOCI 4325 and CRIM 4325.) Prerequisite: SOCI 3321 or CRIM 3321.

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. Prerequisite: SOCI 2330. Credit may not be obtained in both SOCI 4331 and SOCI 4310.

4340. Topics: 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. Prerequisite: SOCI 1301 or ENGL 1302.

4341. Water and Society. 3(3-0)

Water is the lifeblood of society. This course examines the interdependencies of social institutions and water resources; inequalities in access, use and contamination of water; and water policy and politics. Students will have the opportunity to experience vital water resource locations. 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. Prerequisites: SOCI 1301 or ENGL 1302. Credit may not be obtained in both SOCI 4342 and SOCI 4324.

4343. Social and Natural Systems of the U.S.-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.

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. Credit may not be obtained in both SOCI 4351 and WGST 4351. Prerequisite: SOCI 1301 or ENGL 1302.

4352. Deconstructing Disney: Race, Gender, and Age. 3(3-0)

This course analyzes the intersection of gender, race, and age as presented in one of the most enduring and influential aspects of popular culture: the Disney princess films. Credit may not be obtained in both SOCI 4352 and WGST 4352. Prerequisites: SOCI 1301 or ENGL 1302

4353. Mexican American Families. 3(3-0)

This course will educate students on the structure and culture of Mexican American families. The role of this important institution will be examined in the context of the broader Mexican American experience. Data and empirical research along with significant cultural artifacts important for understanding Mexican American families will be examined. Prerequisite: ENGL 1302 or SOCI 1301.

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. Credit may not be obtained in both SOCI 4354 and SOCI 3369, WGST 4354 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 concepts 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. Prerequisites: SOCI 1301 or ENGL 1302.

4363. Afrx-Latinx: Race, Culture, and Transnationalism. 3(3-0)

Through lectures, readings, film analysis, discussion and writing it is the goal of this course to illuminate the processes, actions, and histories that have impacted the lives of Afrx-Latinx people. This course will illustrate how Afrx-Latinx are a complex group of people with different experiences in the United States and that are deeply embedded in the histories, locations, structures and institutions of the United States. We will also investigate the structures that organize the migration flows from the Caribbean, Central and South American Nations. Prerequisites: 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. Prerequisite: SOCI 1301 or ENGL 1302. Credit may not be obtained in both SOCI 4364 and WGST 4300.

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. Prerequisites: SOCI 1301 or ENGL 1302. Credit may not be obtained in both SOCI 4371 and SOCI 4341.

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. Prerequisites: SOCI 1301 or ENGL 1302. Credit may not be obtained in both SOCI 4372 and SOCI 4342.

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 credit may not be obtained from both SOCI 4308 and 4380. Prerequisites: SOCI 1301 and ENGL 1302.

4391. Sociology 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 businesses, nonprofit organizations or government agencies. 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 degrees with a sociology concentration. May be replaced with SOCI 4391 Sociology Internship or SOCI 4393 Directed Research (with instructor approval). Prerequisites: SOCI 3320 and SOCI 3330. Credit may not be obtained in both SOCI 4392 and SOCI 4303.

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 guidance 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: TSI Reading.

1312. Elementary Spanish II. 3(3-0)

Continuation of SPAN 1311. Prerequisite: SPAN 1311 or department 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.

2313. Spanish for Heritage Speakers. 3(3-0)

Spanish for Heritage Speakers is conducted entirely in Spanish, and covers the target grammar and conversation topics in SPAN 1311 and SPAN 1312. Course broadens student vocabulary, and strengthens reading, writing, and comprehension competencies through authentic reading and writing assignments. Prerequisite: Instructor approval. Formerly Span 1314. TSI Restrictions: Reading

2315. Spanish for Heritage Speakers II. 3(3-0)

Spanish for Heritage speakers is conducted entirely in Spanish, and covers the target grammar and conversation topics in SPAN 2311 and SPAN 2312. Course broadens student vocabulary, and strengthens reading, writing, and comprehension competencies through authentic reading and writing assignments. Prerequisite: Instructor approval. TSI Restrictions: Reading

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(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.

3311. Professional Spanish. 3(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.

3331. Latin American Film History. 3(3-0)

An introductory course teaching the history of film production, distribution, and the cinematic practices in Latin America. Prerequisite: ENGL 1301.

4319. Hispanic Culture. 3(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(3-0)

Topics in Spanish-American and Spanish Peninsular literature. Conducted in Spanish. May be repeated as topics change. Prerequisite: SPAN 2312.

4321. Foreign Language Teaching Methods. 3(3-0)

Methods and techniques; fundamental theory and practice; Students micro-teach lessons and prepare teaching materials which emphasize integrating the four language skills for a communicative classroom. Prerequisite: Instructor Approval

Speech

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 course under the core curriculum. Prerequisites: TSI Reading/Writing.

1318. Interpersonal Communication. 3(3-0)

Interpersonal Communication enables students to analyse 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 course under the core curriculum. Prerequisites: TSI Reading/Writing.

Social Sciences (SSCI)

3101. Jaguar Tracks III: Social Sciences. 1(1-0)

In this course students will identify their skills, strengths, interests, and values as it relates to future career goals within their discipline. Students will volunteer in the community to gain transferable and direct skills to apply to future career goals. Through mock interviews, writing a professional and concise resume and cover letter, and researching professional organizations, students will be prepared to become active members of the community within their discipline. Prerequisite: UNIV 2101 or 60 or more earned academic semester credit hours.

4101. Jaguar Tracks IV: Social Sciences. 1(1-0)

The focus of this course is discovering students' place in a professional field where student will demonstrate knowledge of professional expectations and resources, demonstrate growth over their university experience, and become active members in their profession. Prerequisite: UNIV 3101 or SSCI 3101 or 90 or more earned academic semester credit hours.

Science, Technology, Engineering, and Math (STEM)**3101. Jaguar Tracks III: Science and Mathematics. 1(1-0)**

The focus of this course is discovering the students' place in a disciplinary discussion where students will demonstrate knowledge of discipline-specific academic resources, discuss major issues within discipline, and become active members of the community within the discipline. Prerequisite: UNIV 2101 or 60 or more earned academic semester credit hours.

4101. Jaguar Tracks IV: Science and Mathematics. 1(1-0)

The focus of this course is discovering the 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: UNIV 3101 or STEM 3101 or 90 or more earned academic semester credit hours.

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 them-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.

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 have changed 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. 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.

3350. Myths and Realities of 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. 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 1302.

4300. 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. Prerequisite: SOCI 1301 or both ENGL 1301 and ENGL 1302. Credit may not be obtained in both SOCI 4364 and WGST 4300.

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. Prerequisite: SOCI 1301 or both ENGL 1301 and ENGL 1302.

4352. Deconstructing Disney: Race, Gender, and Age. 3(3-0)

In this course we will analyze the intersection of gender, race and age as presented in one of the most enduring and influential aspects of popular culture; the Disney Princess films. Credit may not be obtained in both SOCI 4352 and WGST 4352. Prerequisites: 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. Credit may not be obtained in both SOCI 4354 and SOCI 3369, WGST 4354, or PSYC 3369. Prerequisites: SOCI 1301 or 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.) Prerequisite: 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). Prerequisite: GOVT 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.) Prerequisite: ENGL3320, 4312 or 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. Prerequisite: ENGL 3320, 4312 or 4315. (Credit may not be obtained in both ENGL 4375 and WGST 4375).

4399. Selected Topics in Women's Study. 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.